



**MEDWORLD**  
Medical Company Ltd.

# MEDICAL EQUIPMENT CATALOGUE





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## MEDICAL EQUIPMENT NIGERIA

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# OUR COMPANY, **OFFICE, INTEREST & PEOPLE**

## **The Company:**

Medworld Medical Company was established in 2017 to provide best technologies, products and services to the health/safety, education, agriculture and power sectors by a team of scientists, engineers, and Pharmacists with varying experiences in the sectors.

## **Our Outlet:**

We are Located at 10/12, LASU Igando Road, sheri Olofin, Alimosho LGA, Lagos State, Nigeria, we also have offices in different zones in Nigeria.

## **Our Interest:**

To provide various unique technological solutions, products and services to the various sectors with real time delivery and support.

## **Our People:**

We are now made up of scientists, Pharmacists, medical practitioners, Engineers and other Professionals who are very interested in delivering the best quality in technology to the sectors.





# VISION MISSION CUSTOMERS

## **Our Vision**

To be the best provider of innovative technology with real time support.

## **Our Mission**

We support you with the best technology per time and continually keep you abreast of current and leading innovations and protocols.

## **Our Customers**

Our customers comprise of the universities, educational institutions, medical institutions, teaching hospitals, private hospitals, regulatory bodies, research institutions, manufacturing companies, and NGOs. etc.

We partner with various manufacturers, distributors, scientists and professionals from countries around the world to provide comprehensive solutions to customer's needs



## Providing **Innovative** technologies

**W**e provides innovative technologies, to Health, Research, Agriculture,

Regulatory, Pharmaceutical, Food, Teaching/Education sectors etc. We are made up of experienced Engineers, Scientists, Practitioners and Trained Business Managers. We are researching and updating our portfolio to always bring you the best experience. In this fast moving world, we work to keep you up to speed with great technologies in your various sectors. Our team will provide you the products you need, when and where you need them. Our Engineers and Scientists will install, train and commission your technologies, equipment, tools and products.

### **OUR PRODUCTS:**

1. Surgery And ICU Equipment
2. Lithotripsy
3. Pain Therapy
4. Tumor Therapy
5. Urology Table
6. Medical Imaging
7. Laboratory Equipment
8. Neonatology
9. Dental
10. Medical Optoelectronics
11. Ophthalmology

12. ECG & EEG

13. Sterilizers

14. Scale

15. Hospital Furniture

16. Infection Control

17. Consumables

18. Repairs/Spare Parts Supports: We work with Manufacturers/partners to provide spare parts and repair services. Our team is made up of committed Scientists and Engineers willing to provide you with real time revival of equipment and products that are non-functional.

19. We engage in Installation/ Commissioning of your new equipment/ products.

20. We carry out pre and post installation trainings, application training and upgrade/ performance enhancement trainings. We also organize some laboratory management trainings such as; Health and Safety in the Laboratory, Quality in the Laboratory and Good Laboratory Practice (GLP) etc.

21. Layout Design.

22. Support/ After Sales Services.

23. Shipping/Delivery of difficult to ship products (cold Items, controlled substances) etc.





# OUR TEAM

## **PRODUCT SPECIALISTS:**

We have scientists and technologists who will work with you to select the best products that fit your purpose and protocols.

## **ENGINEERING SUPPORT STAFF:**

These are trained and experienced engineers who are resident in Nigeria and available to give you real time installations, trainings and repair services.

## **OPERATIONS / LOGISTIC STAFF**

Our staff are trained to handle difficult to ship products. We deliver sensitive products in the right state, taking into cognisance the practices needed to keep these products potent in transit.





DALHK-VM/007



Its compact design makes it portable and easy to move. The dual-mode imaging system and ergonomic design ensure accurate stone localization and smooth operation. This latest lithotripter is not only compact and portable but extremely accurate and easy to use.

#### Benefits

- Consistent and accurate delivery of shock wave energy
- Minimum daily maintenance
- Maximum patient comfort
- Flexible & easy targeting
- Hassle-free operation
- Light-weight & Portable
- Perfect solution for limited budget or space
- Separate imaging for extra value
- Ensure patient safety and comfort
- High-efficient data management



#### Shockwave Generator

Electromagnetic/electro-hydraulic generator ensures consistent delivery and reliable energy. Easy localization and qualified treatment ensure low re-visit rate. Comes with an optional hand-held mini shockwave source especially for ESWT treatment.

#### Features

- Durable electromagnetic shockwave generator
- Unique motorized shockwave head allows above or under-table treatment
- User-friendly remote and table-side controls
- Compact and all-on-wheel design
- Comfortable and multifunctional table ideal for ESWL and endourological procedures
- Outline ultrasound scanner for quality imaging
- Non-invasive and anesthesia-free
- Digital archiving and acquisition system



#### Dual Mode Imaging

- Dual-mode imaging using X-ray and optional ultrasound
- Outline Ultrasound for accurate stone localization and continuous monitoring
- Reliable digital archiving and acquisition system



#### Patient Table

- An 8-direction motorized table which is perfect for ESWL treatment.
- Patient table can also be used as an operating table

## DALHK.ESWL-V



The newly upgraded DALHK.ESWL-V brings better lithotripsy performance, faster imaging system, a more user-friendly touchscreen, and so much more for the most extraordinary user experience. **Dual Mode Imaging:-** Dual-mode imaging using X-ray and ultrasound. Outlined ultrasound offers more accurate stone localization and continuous monitoring. Reliable digital archiving and acquisition system

**Shockwave Generator**

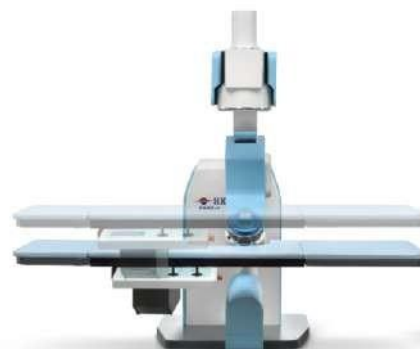
- Electromagnetic/electro-hydraulic generator ensures consistent delivery and reliable energy.
- Low re-treatment rate

**Operating System**

- Remote and table-side control
- High definition imaging monitor
- Touchscreen and joystick control

**Revolving C-arm**

- Revolving C-arm for easy localization
- Accurate positioning ensured by integrated isocentric shockwave head and X-ray system

**Patient Table**

- 6-direction motorized table, perfect for ESWL treatment
- Patient table can be used as an operating table
- Integrated design for fast and accurate positioning

## DALHK-ESWL-108A



Small but mighty, DALHK-ESWL-108A is the most cost-effective shock wave medical device. It's easy to install, use, and maintain. With the auto distance measurement system, the ultrasound imaging for stone localization could be very prompt and precise.

**Minimalism Design for a Lithotripsy**

DALHK-ESWL-108A consists of ultrasound, main unit, and control console, offering easy operation and convenient maintenance

**Safe and Effective Lithotripsy**

- Proved efficacy and sound reputation in over twenty years' clinical use.
- ESWL system with ultrasound localization only, free from radiation, safer for physician and patient

**Cost-effectiveness ESWL Device**

- Minimized yet with high performance to ensure excellent fragmentation effect at a very low price.
- Flexible configuration with electromagnetic, hydroelectric shock wave source and other options.

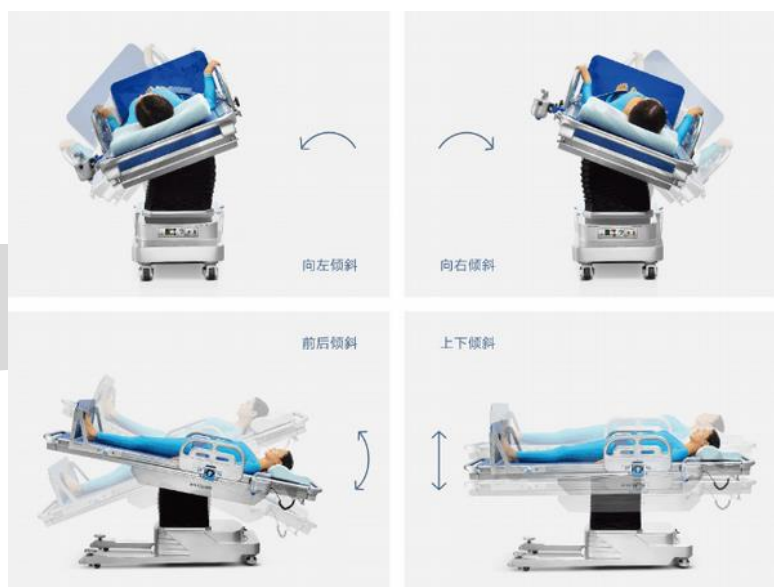
## DAL-HKVT-300



An effective and fast lithotripsy approach. DAL-HKVT-300 is the latest non-invasive solution for removing stones after lithotripsy, PCNL or surgeries. With our innovative DAL-HKVT-300, stone removal will be faster, safer and more cost-effective.

**Why is DAL-HKVT300 a must?**

- To shorten the time of stones removal after lithotripsy, PCNL, etc.
- To relieve the symptoms of acute renal colic caused by residual stones.
- To be free from side effects of stones removal drugs.
- To be more effective and efficient than traditional approaches

**Features**

- Non-invasive
- Much faster and effective than traditional approaches
- Various vibration energy to choose
- Joystick and touchscreen control for easy operation
- Multiple treatment positions



DAL-HK-ESWL109



The perfect lithotripter with an ultrasound localization system and innovative revolving arm design



#### Multiple Medical Treatment Positions

- Originally designed shock wave source with revolving arm can process fragmentation from both above and under the table, makes it possible for urinary stone, bladder stone, and gallstone patients to be treated with a supine posture.



#### Multi-use Patient Table

- The independent transportable motorized operation table could be used for all urological operations purposes.



#### Ultrasound Localization System

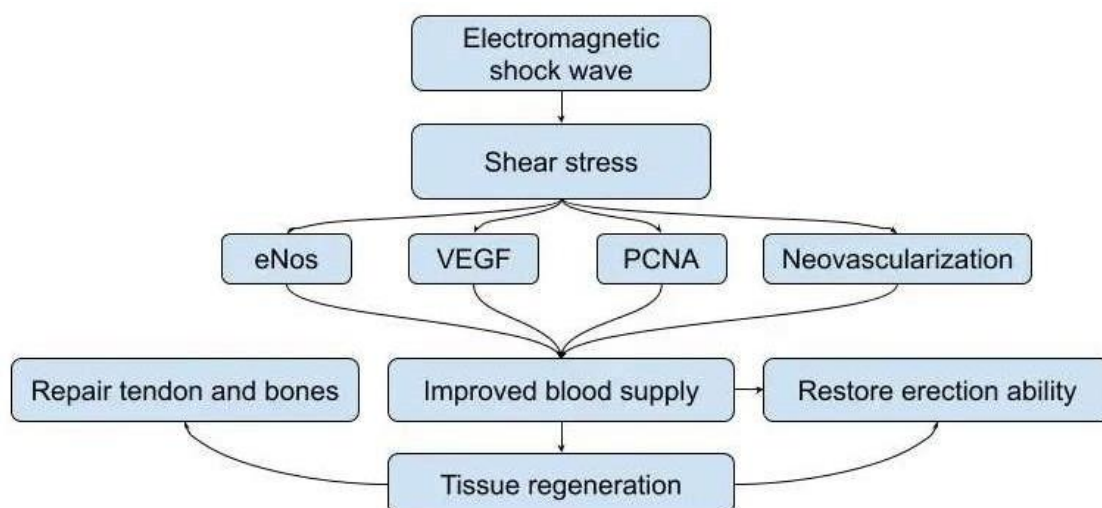
- 360 degree rotating ultrasound localization system offers accurate and fast positioning and real-time monitoring.

DALHK.ESWO-AJII



The robust and effective solution for pain and hurt. Extracorporeal shockwave technology has been successfully applied in orthopedics and physical therapy. ESWT triggers the individual's own repair mechanism to help reduce sensitivity and pain.

## BIOLOGICAL MECHANISM

**Great Benefits**

- Solutions for acute and chronic pains
- Treatment that doesn't require medication or anesthesia
- Painless alternatives to surgery in few sessions

**The extraordinary solution for orthopedics**

- Plantar Fascitis
- Archilles Tendonitis
- Tennis Elbow
- Shoulder Tendonitis



DAL-HK-300/E100



Elegant and portable shockwave therapy system for treating joint pain. DAL-HK-300/E100 is known as the first portable ESWT in China or maybe in the world. Definitely It has set a milestone for the world shock wave application.

#### Light and compact with streamlined appearance

Affordable and durable. Suitable for all hospitals, private clinics.

#### Safe and Reliable to Use

With the most reliable shock wave source and guaranteed by the most trusted manufacturer, DAL-HK-300/E100 stands for the best quality of an ESWT device could be.

#### User-friendly Operation

Just a few clicks on the LCD screen, all shock wave parameters can be easy to set up and adjusted.



#### Proven Efficacy

While most physical therapies take effect very slowly and seldom affect a cure, DAL-HK-300/E100 turns out to be completely different – for the majority of its indications, shock wave therapy acts obviously just a moment after it starts.

#### Mobility and Portability

The attached trolley makes DAL-HK-300/E100 easy to be moved, and provides extra storage space to get accessories organized.

## DAL-HIFU-2001



An Innovative Green Therapy for Cancer. DAL-HIFU-2001 is the innovative, non-invasive and green modality to treat cancers. It offers the patient a choice of painless and free of radiation. Hundreds of thousands of patients have benefitted from this promising technology.

**Thermal Coagulation**

- DAL-HIFU-2001 can increase the temperature of tumor tissue up to 65°C-100°C.
- When the temperature comes to 65°C, the tumor cells can be destroyed in 0.3 seconds.
- At the temperature of 100°C, the tumor cells can be killed within 0.1 seconds.

**Features**

- Non-invasive, radiation-free and pain-free
- Outpatient procedures for fast operation and fast healing
- Repeatable treatment with easy operation
- The most promising technology for tumor treatment

**Automatic Dual Focusing**

- With the unique ADF technique, the ultrasound beam is dispersed onto 8 individual sub-ejectors.
- The eight sub-ejectors with a diameter of 60mm further focus the beam to a single point.
- The ADF technique can achieve a non-painful treatment purpose.

## DAL-HK.UROT-I



DAL-HK.UROT-I, the state-of-the-art workstation for all purposes of medical treatments and examinations, with high-resolution X-Ray and easy positioning to all angels.

**State-of-the-art Workstation for All**

Recommended by hundreds of urologists, DAL-HK.UROT-I makes it possible to get a high-resolution KUB in one shot. Equipped with a 17\*17 inches digital flat detector with the mega-pixel display, a powerful high-frequency x-ray generator and a sensitive dynamic detector, DAL-HK.UROT-I is capable of capturing and revealing images at exceptionally high resolution.

DAL-HK.UROT-I provides more than a dozen unique positions in which urology procedures can be performed easier and faster than before.

**Optimized workflow**

- 17\*17 inches dynamic flat detector
- Real KUB in one shot
- Digital pulse fluoroscopy and pulse radiography
- Post image processing

**Angle Positioning**

- Preset 5 frequently used positions
- One button to reset the table position
- Positions transfer with ease
- Better images taking advantages of flexible positions

**Applications**

- Percutaneous nephrostomy (PCN)
- Urodynamics examination (UDS)
- Kidney, Ureter and bladder radiography (KUB)
- Intravenous pyelogram (IVP)

- Voiding cystourethrogram (VCUG)
- Transurethral prostatectomy (TURP)
- Ureteroscopy
- Other interventions

**DALSM-1.5T**

AI Combined &amp; ISO-Matrix MR

- Short bore superconducting magnet with high homogeneity
- Helium saving design (700L Max.) with truly 0 boil-off
- Soft-sound technology for comfortable scanning
- ART (Adaptive and Rapid Total) imaging platform
- AI technology for improving operational efficiency

**DALOM-5000**

High-level Permanent MRI

- Truly mid-field permanent magnet, up to 0.51T
- Unique shimming technology, Max. FOV = 40cm
- Accu-Form gradient system with powerful output
- New generation imaging platform with AI technology

**DALOM-4000**

A Small Step to Success

- C-shaped magnet with large openness (up to 320°)
- New generation imaging platform with AI technology
- More comprehensive applications, higher scanning speed
- Compact design saving 30% space of site

**DALOM-III**

Compact design, Giant leap

- Maintenance-free thermostatic magnet
- Compact design saving 30% space of site
- New generation imaging platform with AI technology
- High return on investment with ultra-low operating cost





### **DALOM-VET**

#### **C-shape Permanent MRI System Taking Care of Your Pets**

- Short bore superconducting magnet with high homogeneity
- Helium saving design (700L Max.) with truly 0 boil-off
- Soft-sound technology for comfortable scanning
- ART (Adaptive and Rapid Total) imaging platform
- AI technology for improving operational efficiency

## Computed Tomography System

### **DALTOM-128**

- comfort of use; convenience; multifunctionality;
- obtained images are of high definition;
- 3D images of the area under study;
- absence of unpleasant feelings during the procedure;
- the data is processed fast;
- the image can be stored in the computer memory;
- the procedure is fast; acceptable radiation dose.



### **DALTOM-16HD/64 CLARITY/64 PRECISION/PRECISION**

- World leading precision technology platform
- Lower dose and higher image quality system
- Intelligent interface and workflow
- New generation OptiWave detector
- Admir3D iterative reconstruction technology
- AccuSpin dual-energy imaging technology
- AccuTilt dual-mode gantry tilt technology





### **DALTON-32 FIT/64 FIT/A200**

- High efficiency new generation OptiWave™ detector
- Admir3D iterative reconstruction technology
- Adose3D dose management platform fits your dose
- Comprehensive routine clinical applications
- DigiTilt gantry tilt technology fits your efficiency
- Versatility fits costs for running your successful business

### **DALTON CT**

#### **World's Class Dental Cone Beam CT System**

- Large size amorphous silicon flat panel detector
- Super large field high resolution 3D imaging
- MetalCARE metal artifact correction technology
- BoneCARE correction techniques for bony artifact
- NoiseCARE noise reduction correction technology
- Equipped with a powerful post processing software



### **DALTON VET**

#### **32-slice CT System Taking Care of Your Pets**

- Compact design to fit your cost and space
- Dedicated vet protocols support all clinical needs with high image quality
- Large space makes more comfortable exam and easier operation





### DALPLX118C: High Frequency Mobile Digital FPD C-arm System

- 32" LCD monitor, large size, large angle and ultra-wide screen display.
- Integrated touchscreen built with humanized graphic interface.
- Standby design without power connection.
- Real-time radiation monitor by DAP

Item		Parameters
Output Power		5kW
Dual-focus		0.3-1.5mm
Inverter Frequency		110kHz
Fluoroscopic capacity	Fluoroscopic type	Automatic, manual, pulse
	Tube voltage	40 -120kV
	Tube current	0.3-30mA

### Digital Radiography System



### DALPLX5200A: 50KW Version Mobile Digital Radiography System

- 50kW high power and high frequency generator provides stable and clear image.
- 14"\*17" super wide FPD with 16 bit grey scale.
- Intelligent dose control technology automatically adjust radiation dose.
- Ultrasound distant measurement provides precise positioning

Item	Parameters
Output Power	50kW
Inverter Frequency	40kHz
Radiography tube voltage	40kV - 150kV
Radiography tube current	10mA - 500mA
Focus	0.6/1.3mm

### Digital Portable X-Ray System



### DALXM-P40Q

- Input power: Voltage: AC220V±22V
- Frequency: 50/60Hz±1Hz
- Maximum output power:  $P = 110kV \times 36mA = 4kW$
- Nominal power: 100kV, 40mA, 0.1s, 4kW
- kV adjusting range: 40kV~110kV, Continuous adjustment step 1 kV
- mA adjusting range: 36mA~60mA
- mAs adjusting range: 1mAs-190mAs, Shifted adjustments adjusting range: 0.04s~3.2s
- X-ray tube: Brand: Toshiba Focus :0.6/1.6mm; Anode heat capacity: 76kHU
- Rayence digital detector: 17×17inch: Scintillator: CsI Direct Deposit; Pixel Matrix: 3,328×3,328; Limit resolution: Max.3.9LP/mm; A/D Conversion:14bit; Weight:4.1Kg
- Laptop: Model: Lenovo; CPU: Intel Core i5; Memory capacity: 4GB;
- Screen size: 14 inch
- Anatomy program : 48 kinds of memory choices
- X-ray machine size: 290×260×230mm. X-ray machine Weight: 18.8kg
- Accessory: Standard: hand switch, remote control, suitcase, machine frame

**DALPLD-9600A: HF Digital Radiography & Fluoroscopy System**

- DRF making radiography as well as fluoroscopy with dynamic FPD.
- 17"×17" dynamic flat panel detector provides large exposure area.
- High frequency and high voltage generator guarantees the x-ray quality.
- Pulse fluoroscopy mode current can reach 20mA, providing sharp image with low dose.
- The grand table is flexible in various movement to meet exposure needs.
- Software has strong capabilities including automatic stitching function

Category	Item	Parameters
Output	Power	80 kW
	Frequency	440kHz
	Dual-focus	0.6/1.2mm
	Exposure time	1.0- 1000ms
Radiography	Tube voltage	40- 150kV
	Tube current	10- 1000mA
Fluoroscopy	Tube voltage	40- 125kV
	Tube current	0.5- 10mA (Continuous Fluoroscopy) 5-20mA (Pulse Fluoroscopy)

Model		XM-3000
High Voltage Generator	High frequency constant voltage	40 kHz
	Voltage range	20-39kVp, 1kV step
	Max. Current:	100mA, big focus; 20mA, small focus
	Max. Output power	2.4KW
	Exposure condition control	Manual/Auto
C arm	Rotating angle	-160°~+180°
	SID	65cm Fixed
	Anti-scatter grid:	Carbon based fine plate
	Cassette size	240×300mm
X-ray Tube	Dual focus	0.1mm/0.3mm
	Anode heat capacity	300KHU (Italy IAE tube)
	Anode type	Rotating Anode
	Anode material	Mo
Resolution	Space Resolution	≥20Lp/mm
	Density resolution	≤1.19mm
	Minimum calcify resolution	≤130μm
Compressor	Manual/Auto	Auto (motor)
	Compression force/method	Max.18Kg/Auto, three, speeds, flexible, fast pressure
	Compression force display	LED
	Compressor paddle movement range	5 - 240mm
Dimensions	Gantry	11300mm×970mm×2010mm
	Console	600mm×520mm×1200mm
	C-arm vertical movement range	530mm
	Overall weight	389kg
Power		220 VAC ±10%, 50 Hz ±1 Hz

**MAMMOGRAPHY SYSTEM  
DALXM-3000****AUTOMATIC X-RAY FILM PROCESSOR  
DALPX-380H**

Model	PLX-380H
Film Format	X-ray, CT, MRI and other medical films
Film Size	3" x 6" ~ 14" x 17"
Maximum Processing Width	14'
Adjustable Processing time	25s, 35s, 45s
Processing Speed	90s ~ 165s (optional)
Drying Temperature Adjustment	40~60°C
Liquid Chemical Cooling Temperature Adjustment	20~40°C
Maximum Processing Capacity	80pcs (14'x17'), 120pcs (10'x12')
Tank Capacity	6L
Replenishment System	Automatic
Power Supply	AC 220V, 50Hz/10A single-phase
Noise Level	≤55db

### DALVIN-80



#### Ergonomic Design:

- 21.5" medical LCD monitor with an articulating arm
- 13.3" high sensitivity touch screen (angle adjustable)
- Optimized control panel (angle and height adjustable)
- Exclusive holder for endocavity transducer
- 5 universal transducer connectors with EasySwitch
- Cable management
- Gel warmer

#### Advanced Imaging Technologies:

- uSeed Platform
- Pulse Inverse Harmonic Imaging
- Speckle Noise Reduction Imaging
- Spatial Composite Imaging
- Tissue Specific Imaging
- Dual/Triplex Synchronous
- One Touch Optimization
- Auto trace, Auto IMT, HPRF, FCI
- Single-Crystal Transducer

#### Features

- Comprehensive clinical applications
- B Steer, 3D/4D, Zpage, Zlive,

- PW, CW, AMM, CMM, TDI, TVI, PDI, DPDI
- Panoramic Imaging, Elastic imaging mode, EFOV, Biopsy function
- Visualize user-defined presets function (QSave)
- Ten user-defined programming keys
- ECG port, USB 3.0, Built-in DVD
- DICOM 3.0
- Multiple data transmission
- SSD+HD, USB foot switch
- Built-in battery
- Transducers: Convex, Linear,

### DALVIN-60



#### Ergonomic Design:

- 21.5" medical LCD monitor with an articulating arm
- 13.3" high sensitivity touch screen (angle adjustable)
- Optimized control panel (angle and height adjustable)
- Exclusive holder for endocavity transducer
- 4 universal transducer connectors with EasySwitch
- Cable management
- Gel warmer

#### Advanced Imaging Technologies:

- uSeed Platform
- Pulse Inverse Harmonic Imaging

- Speckle Noise Reduction Imaging
- Spatial Composite Imaging
- Tissue Specific Imaging
- Dual/Triplex Synchronous
- One Touch Optimization
- Auto trace, Auto IMT, HPRF, FCI

#### Features

- Comprehensive clinical applications
- B Steer, 3D/4D, Zpage, Zlive, PW, CW, AMM, CMM, TDI, TVI, PDI, DPDI
- Panoramic Imaging, Elastic imaging mode, EFOV, Biopsy function

- Visualize user-defined presets function (QSave)
- Ten user-defined programming keys
- ECG port, USB 3.0, Built-in DVD
- DICOM 3.0
- Multiple data transmission
- SSD+HDD
- Optional USB foot switch
- Built-in battery
- Transducers: Convex, Linear, Transvaginal, Phased Array, Micro-Convex, 4D Volume

### DALVIN-40



#### Ergonomic Design:

- 21.5" medical LCD monitor
- 13.3" high sensitivity touch screen (angle adjustable)
- Optimized control panel (angle and height adjustable)
- Exclusive holder for endocavity transducer
- 4 universal transducer connectors with EasySwitch
- Cable management
- Gel warmer

#### Advanced Imaging Technologies:

- uSeed Platform
- Pulse Inverse Harmonic

- Imaging
- Speckle Noise Reduction Imaging
- Spatial Composite Imaging
- Tissue Specific Imaging
- Dual/Triplex Synchronous
- One Touch Optimization
- Auto trace, Auto IMT, HPRF, FCI

#### Features

- Comprehensive clinical applications
- B Steer, 3D/4D, Zpage, Zlive, PW, CW, AMM, CMM, TDI, TVI, PDI, DPDI
- Panoramic Imaging, Elastic imaging mode, EFOV, Biopsy

- function
- Visualize user-defined presets function (Qsave)
- Multiple user-defined programming keys
- ECG port, USB 3.0, Built-in DVD
- DICOM 3.0
- Multiple data transmission
- Optional USB foot switch
- Built-in battery
- Transducers: Convex, Linear, Transvaginal, Phased Array, Micro-Convex, 4D Volume

### DALZOC-N7



#### Outstanding Systematic Applications:

N7 has excellent performance and overall applications to meet user's different demands: Abdomen, Gynecology, Obstetrics, Cardiology, Urology, Vascular, Small parts, Orthopedic, Interventional, Emergency, Musculoskeletal, Nerve blocks, Thoracic cavity etc.

#### Advanced Imaging Technologies:

- uSeed Platform
- Pulse Inverse Harmonic Imaging
- Speckle Noise Reduction Imaging
- Spatial Composite Imaging

- Trapezoidal Imaging
- Extended Imaging
- Dual/Triplex Synchronous
- Dual Real-time Imaging
- One Touch Optimization

#### Features

- 19-inch high resolution medical LCD monitor
- 10.4-inch touch screen
- Four activated transducer connectors
- Gel warmer
- Carotid IMT auto measurement
- 3D/4D imaging
- Power doppler imaging (PDI)
- Directional power doppler imaging (DPDI)
- PW with auto trace

- Continuous wave doppler (CW )
- High pulse repetition frequency (HPRF)
- Tissue doppler imaging (TDI)
- Color motion mode (CMM)
- Anatomic motion mode (AMM)
- Panoramic imaging
- Elastic imaging
- Qsave (Parameter preset)
- DICOM 3.0
- Multiple data transmission
- HDMI output
- Optional USB foot switch
- Optional built-in battery
- Transducers: Convex, Linear, Transvaginal, Phased Array, Micro-Convex, 4D Volume

### DALZOC-Q3



#### Outstanding Systematic Applications:

- Q3 has excellent performance and overall applications to meet user's different demands: Abdomen, Gynecology, Obstetrics, Cardiology, Urology, Vascular,
- Small parts, Orthopedic, Interventional, Emergency, Musculoskeletal,
- Nerve blocks, Thoracic cavity etc.

#### Advanced Imaging Technologies:

- uSeed Platform
- Pulse Inverse Harmonic Imaging

- Speckle Noise Reduction Imaging
- Spatial Composite Imaging
- Trapezoidal Imaging
- Extended Imaging
- Dual/Triplex Synchronous
- Dual Real-time Imaging
- One Touch Optimization

#### Features:

- 15-inch high resolution medical LCD monitor
- 10.4-inch touch screen
- Four activated transducer connectors
- Gel warmer
- Carotid IMT auto measurement
- 3D/4D imaging
- Power doppler imaging (PDI)
- Directional power doppler imaging (DPDI)

- imaging (DPDI)
- Continuous wave doppler (CW )
- High pulse repetition frequency (HPRF)
- Tissue doppler imaging (TDI)
- Color motion mode (CMM)
- Anatomic motion mode (AMM)
- Panoramic imaging
- Elastic imaging
- Qsave (Parameter Preset)
- DICOM 3.0
- Multiple data transmission
- Optional USB foot switch
- Optional built-in battery
- Transducers: Convex, Linear, Transvaginal, Phased Array, Micro-Convex, 4D Volume

### DALZOC-M5



#### Outstanding Systematic Applications:

- M5 has excellent performance and overall applications to meet user's different demands:
- Abdomen, Gynecology, Obstetrics, Cardiology, Urology, Vascular, Small parts, Orthopedic,
- Interventional, Emergency, Musculoskeletal, Nerve blocks, Thoracic cavity etc

#### Advanced Imaging Technologies:

- uSeed Platform
- Pulse Inverse Harmonic Imaging
- Speckle Noise Reduction

- Imaging
- Spatial Composite Imaging
- Trapezoidal Imaging
- Extended Imaging
- Dual/Triplex Synchronous
- Dual Real-time Imaging
- One Touch Optimization

#### Features

- 12-inch high resolution medical LCD monitor
- Two activated transducer connectors
- Carotid IMT auto measurement
- Power doppler imaging (PDI)
- Directional power doppler imaging (DPDI)
- Continuous wave doppler (CW )

- High pulse repetition frequency (HPRF)
- Qsave (Parameter preset)
- DICOM 3.0
- Multiple data transmission
- Optional USB foot switch
- Optional built-in battery
- Optional customized trolley and suitcase
- Transducers: Convex, Linear, Transvaginal, Phased Array, Micro-Convex



### DALZOC-I50

Portable Ultrasound System



#### Outstanding Systematic Applications:

- i50 has excellent performance and different applications according to user's
- demands: Gynecology, Obstetrics, Abdomen, Urology, Vascular, Small parts,
- Orthopedic, Interventional etc.
- Advanced Imaging Technologies:
- One Touch Optimization
- Speckle Noise Reduction Imaging
- Tissue Harmonics Imaging
- Tissue Specific Imaging
- PW Mode

#### Features:

- 12-inch high resolution medical LCD monitor
- Two transducer connectors
- Auto-freezing function
- Auto-generation BMP format report
- Full screen imaging FSI
- Q-Guide
- One key data storage
- Multiple data transmission
- Optional USB foot switch
- Optional built-in battery
- Optional customized trolley and suitcase
- Transducers: Convex, Linear, Transvaginal, Micro-Convex

#### Features:

- 10-inch LCD monitor
- ARM system, stable and power saving
- Management system for patient information and exam database
- Application: OB/GYN, Abdomen, Small Organ, Cardiac, Urology etc.
- Two activated transducer connectors
- Auto-generation BMP format report
- THI, TSI, SRI
- Auto-freezing function
- One key image optimization
- One key full screen design (FSI) for better visual field
- Abundant measurement software packages
- Support laser printer to print the generated report
- Transducers: Convex, Linear, Transvaginal, Micro-Convex

### DALZQ-6602

Portable Ultrasound System



### DALZQ-9902

Valuable choice of B&W ultrasound system



#### Features:

- 15-inch LCD monitor
- ARM system, stable and power saving
- Management system for patient information and exam database
- Application: OB/GYN, Abdomen, Small Organ, Cardiac, Urology etc.
- Three activated transducer connectors
- Auto-generation BMP format report
- THI, TSI, SRI, Q-Guide, PW Mode
- Auto-freezing function
- One key image optimization
- One key full screen design (FSI) for better visual field
- Abundant measurement software packages
- Support laser printer to print the generated report
- Data port: Video, RS-232, USB2.0, VGA
- Optional USB foot switch
- Optional built-in battery
- Transducers: Convex, Linear, Transvaginal, Micro-Convex

**X-RAY FILM****X-RAY RADIOGRAPHIC CASSETTE****X-RAY FILM ILLUMINATOR****LEAD VEST****LEAD APRON****LEAD GLOVES****INTENSIFYING SCREEN****LEAD GLASSES****LEAD-SHEET****X-RAY FILM SAFETY LIGHT****X-RAY DOSIMETER****LEAD SCREEN**





**DALJIG-850**  
(STANDARD MODEL)

#### COMMON FEATURES

- Operating Modes: Pneumatically driven & electronically controlled, closed, semi-closed and semi-open
- Anesthesia Ventilator: Built-in 8.4 inch color TFT display, able to display Pressure-Time, Pressure-Volume, Flow-Volume and Flow-Time, displayed wave-forms can be cycled instantly with a touch of a button
- Standard integrated metallic modular respiratory circuit; completely solves the problem of gas sealing under high temperature disinfection, easy to clean and disinfect
- Power Failure Support Functions: Automatically converts to backup power mode during AC power outages
- Equipped with electronic pressure differential flow sensor, imported respiratory control valve, stable and reliable, rapid response time
- High precision five tube flowmeter, fitted with interlocking oxygen-nitrous oxide supply, guarantees oxygen output is never lower than 21% Nonhazardous environmentally friendly frame, precise construction, elegant design, equipped with automated self-checking function during start-up and an automatic self-calibrating sensor
- Alarms: Audible and/or visual alarms for tidal volume, airway pressure, oxygen concentration, asphyxia, power failure, oxygen failure and other alarms, also features a alarm query function
- Vaporizer: Imported tank components assembled locally; Enflurane, Isoflurane and Sevoflurane (Halothane optional). Also possesses self-compensating functionality
- Advanced and stable Adjustable Pressure Limiting (APL) valve, suitable for low and ultra low flow anesthesia
- Equipped with advanced international rotating Nalime tank, easy-operate, requires only one hand, and uses imported PPSU material and temperature resistant to 134°C
- Multi-parameter Patient Monitor: Optional



**DALJIG-850**  
(Advanced Model)  
Optional: Patient Monitor

Model	JINLING-850 (Standard Model)	JINLING-850 (Advanced Model)
<b>Display</b>	8.4 inch TFT display	10.4 inch TFT display
<b>Flowmeter Range</b>	O <sub>2</sub> : 0.1-10L/min; N <sub>2</sub> O: 0.1-10L/min; Air: 0.1-10L/min	
<b>Ventilation Mode</b>	IPPV, SIPPV, VCV, IMV, SIMV, MANUAL, Standby	IPPV, SIPPV, VCV, PCV, IMV, SIMV, MANUAL, Standby
<b>Back-up Power Supply</b>	At least 4 hours	
<b>Tidal Volume</b>	Adjustable range: 20-1500ml Display range: 0-2000ml	
<b>Respiratory Rate</b>	1-100bpm	
<b>Inspiratory/Expiratory (I:E) Ratio</b>	8:1-1:10 (capable of inverse ratio ventilation)	
<b>PEEP Range</b>	0-20cmH <sub>2</sub> O (electronically controlled)	
<b>Inspiratory Pressure Trigger Range</b>	-10-10cmH <sub>2</sub> O (electronically controlled)	
<b>SIGH</b>	1 sigh breath in every 80-120 breaths	
<b>Inhaled Oxygen Concentration Monitor</b>	21-100%	
<b>SIMV Rate</b>	1-20bpm	
<b>Inspiratory Plateau</b>	0-1 second	
<b>Vaporizer Concentration Ranges</b>	0-5%	
<b>Vaporizer Slots</b>	Double PA-I type slots	



**DALJIG-01B**  
(Economic Model)



**DALJIG-01B**  
(Standard Model)



**DALJIG-01B**  
(Advanced Model)

#### COMMON FEATURES

- Operating Modes: Pneumatically driven & electronically controlled, closed, semi-closed and semi-open
- Anesthesia Ventilator: Built-in 5.4 inch TFT display, able to display Pressure-Time and Flow Time, displayed waveforms can be cycled instantly with a touch of a button
- Standard integrated metallic modular respiratory circuit; completely solves the problem of gas sealing under high temperature disinfection, easy to clean and disinfect
- Nonhazardous environmentally friendly frame, precise construction, elegant design, equipped with automated self-checking function during startup and an automatic self-calibrating sensor
- High precision four tube flowmeter, fitted with interlocking oxygen-nitrous oxide supply, guarantees oxygen output is never lower than 21%
- Oxygen failure alarm is supported by the anesthetic gas delivery system; when the oxygen supply within the circuit or cylinder falls below 0.20 MPa, a alarm will sound and the nitrous oxide will be cutoff
- Power Failure Support Functions: Automatically converts to backup power mode during AC power outages
- Alarms: Audible and/or visual alarms for tidal volume, airway pressure, power failure, oxygen failure and other alarms, also features a alarm query function
- Equipped with infrared turbine flow sensor; precisely measures gas flows, stable and reliable
- Vaporizer: Imported tank components assembled locally; Enflurane, Isoflurane and Sevoflurane (Halothane optional). Also possesses self-compensating functionality
- Equipped with advanced international rotating Nalime tank, easy-operate, requires only one hand, and uses imported PPSU material and temperature resistant to 134°C
- Multi-parameter Patient Monitor: Optional

#### ADVANCED MODEL EXCLUSIVE FEATURES

- Vaporizer with dual tank design, effective for extending surgical lengths and features interlocking tank capability

Model	JINLING-01B (Economic Model)	JINLING-01B (Standard Model)	JINLING-01B (Advanced Model)
Display	5.4 inch TFT display		
Flowmeter Range	O <sub>2</sub> : 0.1-10L/min; N <sub>2</sub> O: 0.1-10L/min		
Ventilation Mode	IPPV, SIPPV, IMV, SIMV, MANUAL		
Back-up Power Supply	At least 4 hours		
Tidal Volume	Adjustable range: 50-1500ml Display range: 0-2000ml		
Respiratory Rate	1-99bpm		
Oxygen Supply Flow Rate	25~75L/min		
Inspiratory/Expiratory (I:E) Ratio	4:1-1:10 (capable of inverse ratio ventilation)		
Inspiratory Pressure Trigger	-10-10cmH <sub>2</sub> O (electronically controlled)		
SIGH	1 sigh breath in every 80-160 breaths		
Vaporizer Concentration Range	0-5%		
Vaporizer Slots	Single PA-80 type slot	Single PA-I type slot	Double PA-I type slots
Gas Supply Pressure	O <sub>2</sub> : 0.32MPa~0.6MPa; N <sub>2</sub> O: 0.32MPa~0.6MPa		

## DALJIG-820 Standard Model



### FEATURES

- Operating Modes: Pneumatically driven & electronically controlled, closed, semi-closed and semi-open
- Anesthesia Ventilator: Built-in 5.7 inch TFT display, able to display Pressure-Time and Flow-Time, displayed waveforms can be cycled instantly with a touch of a button
- Standard integrated metallic modular respiratory circuit; completely solves the problem of gas sealing under high temperature disinfection, easy to clean and disinfect
- Equipped with electronic pressure differential flow sensor, imported respiratory control valve
- Vaporizer: Imported tank components assembled locally; Enflurane, Isoflurane and Sevoflurane (Halothane optional). Also possesses self-compensating functionality
- Multi-parameter Patient Monitor: Optional
- High precision four tube flowmeter, fitted with interlocking oxygen-nitrous oxide supply, guarantees oxygen output is never lower than 21% Nonhazardous environmentally friendly frame, with automated self-checking function during startup and an automatic self-calibrating sensor
- Power Failure Support Functions: Automatically converts to backup power mode during AC power outages
- Alarms: Audible and/or visual alarms for tidal volume, airway pressure, asphyxia, power failure, oxygen failure and other alarms, also features a alarm query function
- Equipped with advanced international rotating Na-lime tank, uses imported PPSU material and temperature resistant to 134°C

Model	JINLING-820
<b>Display</b>	5.7 inch TFT display
<b>Flowmeter Range</b>	O <sub>2</sub> : 0.1-10L/min; N <sub>2</sub> O: 0.1-10L/min
<b>Ventilation Mode</b>	IPPV, SIPPV, VCV, IMV, SIMV, MANUAL
<b>Back-up Power Supply</b>	At least 4 hours
<b>Tidal Volume</b>	Adjustable range: 50-1500ml Display range: 0-2000ml
<b>Respiratory Rate</b>	1-100bpm
<b>Inspiratory/Expiratory (I:E) Ratio</b>	8:1-1:10 (capable of inverse ratio ventilation)
<b>PEEP Range</b>	0-20cmH <sub>2</sub> O (electronically controlled)
<b>Inspiratory Pressure Trigger Range</b>	-10-10cmH <sub>2</sub> O (electronically controlled)
<b>SIGH</b>	1 sigh breath in every 80-120 breaths
<b>SIMV Rate</b>	1-20bpm
<b>Inspiratory Plateau</b>	0-1 second
<b>Vaporizer Concentration Ranges</b>	0-5%
<b>Vaporizer Slots</b>	Single PA-I type slot

### FEATURES

- Operating Modes: closed, semi-closed and semi-open
- Standard integrated metallic modular respiratory circuit; completely solves the problem of gas sealing under high temperature disinfection, easy to clean and disinfect
- High precision two tube flowmeter, fitted with interlocking oxygen-nitrous oxide supply, guarantees oxygen output is never lower than 21%
- Flowmeter Range: O<sub>2</sub>: 0.1-10L/min, N<sub>2</sub>O: 0.1-10L/min
- Alarms: Audible alarm for oxygen failure
- **Vaporizer:** Imported tank components assembled locally; Enflurane, Isoflurane and Sevoflurane (Halothane optional). Also possesses self-compensating functionality
- Vaporizer Concentration Ranges: 0-5%
- Equipped with advanced international rotating Na-lime tank, easy-operate, requires only one hand, and uses imported PPSU material and temperature resistant to 134°C

## DALJIG-2B





**DALJIG-01**  
Standard Model



**DALJIG-01**  
Advanced Model



**DALJIG-1B**

#### COMMON FEATURES

- Operating modes: Pneumatically driven & electronically controlled, closed, semi-closed and semi-open
- Anesthesia Ventilator: Built-in high visibility, wide angle LED alphanumeric data display
- Standard integrated metallic modular respiratory circuit; completely solves the problem of gas sealing under high temperature disinfection, easy to clean and disinfect
- High precision two tube flowmeter, fitted with interlocking oxygen-nitrous oxide supply, guarantees oxygen output is never lower than 21%
- Power Failure Support Functions: Automatically converts to backup power mode during AC power outages
- Fully metallic frame, precise construction, elegant design, equipped with automated self-checking function during startup and an automatic self-calibrating sensor
- Alarms: Audible and/or visual alarms for tidal volume, airway pressure, power failure, oxygen failure and other alarms
- Equipped with infrared turbine flow sensor; precisely measures gas flows, stable and reliable
- Vaporizer: Imported tank components assembled locally; Enflurane, Isoflurane and Sevoflurane (Halothane optional). Also possesses self-compensating functionality
- Equipped with advanced international rotating Na-lime tank, easy-operate, requires only one hand, and uses imported PPSU material and temperature resistant to 134°C
- Multi-parameter Patient Monitor: Optional

#### ADVANCED MODEL EXCLUSIVE FEATURES

- Vaporizer with dual tank design, effective for extending surgical lengths and features interlocking tank capability

Model	JINLING-01 (Standard Model)	JINLING-01 (Advanced Model)
Display	LED	
Flowmeter Range	O <sub>2</sub> : 0.1-10L/min; N <sub>2</sub> O: 0.1-10L/min	
Ventilation Mode	IPPV, SIPPV, MANUAL	
Back-up Power Supply	At least 4 hours	
Tidal Volume	Adjustable range: 20-1500ml; Display range: 0-2000ml	
Respiratory Rate	4-40bpm	
Inspiratory/Expiratory (I:E) Ratio	1:1.5-1:3.0	
Inspiratory Pressure Trigger Range	-10-10cmH <sub>2</sub> O	
Vaporizer Concentration Ranges	0-5%	
Vaporizer Slots	Single PA-80 type slot	Double PA-80 type slots

## PORTABLE ANESTHESIA MACHINE

#### FEATURES

Operating Mode: closed, semi-closed, semi-open Tidal Volume (manual mode): 20ml-1500ml Working Pressure: 0.3~0.4 MPa  
Flowmeter: O : 0.1~10L/min; N O: 0.1~10L/min  
APL Valve: 0.5~0.6kPa O<sub>2</sub> Flush: 30~60L/min



**DALJIG-840**

## Anesthesia Workstation

**FEATURES**

- Electrical-driven and electronically controlled by microcomputer
- Flow Rate: O<sub>2</sub> : 0.05~1L/min; 1~10L/min
- N<sub>2</sub>O: 0.05~1L/min; 1~10L/min
- Air: 0.2~1L/min; 1~12L/min (ORCO<sub>2</sub>≥25%) O Flush: 35~75L/min
- Insufficient Oxygen Alarm & Automatic N<sub>2</sub>O Calibration Function: When O<sub>2</sub> level is ≤ 0.2 MPa, audible alarm
- When O<sub>2</sub> level is ≤ 0.14 MPa, N<sub>2</sub>O flow decreases correspondingly When O<sub>2</sub> level is ≤ 0.04 MPa, N<sub>2</sub>O flow is cut off completely Integrated breathing circuit system, APL adjustment range: 0.5~7kPa CO Absorber Capacity: 1.6L
- Vaporizer Air Temperature: 15~35°C Input Flow: 0.25~15L/min
- Output Back Pressure: -10kPa~20kPa
- Output Concentration: 0.2%~5% (±0.2%) (Vol%) Ventilation Frequency: 6~40bpm
- Tidal Volume: adult: 100~1100ml Infant: 30~150ml I:E Ratio 1:1~1:9.9 (adjustable)

**VAPORIZERS**

DALPA 200 VAPORIZER



DALPA 100 VAPORIZER



DALPA 80 VAPORIZER



DALPA I VAPORIZER

## DALPA-900B Standard Model



### COMMON FEATURES

Operating Modes: Pneumatically driven & electronically controlled, closed, semi-closed and semi-open Pneumatically driven electrically controlled ventilator, can be used for emergency clinical resuscitation and respiratory therapy

- Display: Built-in 10.4 inch color TFT fully adjustable display, able to display Pressure-Time, Pressure-Volume, Flow-Time, Flow-Volume or any two waveforms simultaneously on screen
- Trigger Types: Pressure trigger, Flow trigger Sigh: Ability to insert 1-8 sigh breaths in every 100 breaths, ventilation should be no less than 1.5 the tidal volume Features built-in dual electronic flow sensors and dual respiratory modules Power Failure Support Functions: Automatically converts-standby mode during AC power outages
- Monitor Parameters: tidal volume, respiration rate, airway pressure, I:E ratio, inspiratory & expiratory status, inspiratory trigger and others
- Equipped with infrared turbine flow sensor; precisely measures gas flows, stable and reliable
- 9 Level adjustable humidifier Nonhazardous environmentally friendly frame, precise construction, elegant design, equipped with automated selfchecking function during startup and an automatic self calibrating sensor Alarms: Audible and/or visual alarms for ventilation volume, tidal volume, oxygen concentration, asphyxia, airway pressure, intubation disconnection, low oxygen, power failure and other alarms, also features a alarm history query function

## DALPA-900B Advanced Model



### ADVANCED E MODEL EXCLUSIVE

- Equipped with professional medical grade air compressor tailored for long clinical times and low noise requirements

### AIR COMPRESSOR

- Air Compressor: 220V  $\text{Ac} \pm 10\%$ ,  $50 \pm 1\text{Hz}$ , 700VA, also features good protective grounding against electrical activity. Output Gas Pressure:  $0.4\text{MPa} \pm 20\%$ . Continuous output gas flow greater than or equal to 20L/min Instantaneous output gas flow great than or equal to 60L/min

**Display** - LED, Flowmeter Range -  $\text{O}_2$ : 0.1-10L/min;  $\text{N}_2\text{O}$ : 0.1-10L/min, Ventilation Mode - IPPV, SIPPV, MANUAL, Back-up Power Supply - At least 4 hours. Tidal Volume - Adjustable range: 20-1500ml;

**Display range:** 0-2000ml. Respiratory Rate - 4-40bpm, Inspiratory/Expiratory (I:E) Ratio - 1:1.5-1:3.0, Inspiratory Pressure Trigger Range - -10-10cmH<sub>2</sub>O. Vaporizer Concentration Ranges - 0-5%, Vaporizer Slots - Single PA-80 type slot, Double PA-80 type slots.



**DALPA-700B**  
Standard Model



**DALPA-700B**  
Advanced Model

#### COMMON FEATURES

- Operating Modes: Pneumatically driven & electronically controlled, closed, semi-closed and semi-open
- Pneumatically driven electrically controlled ventilator, can be used for emergency clinical resuscitation and respiratory therapy
- Nonhazardous environmentally friendly frame, precise construction, elegant de-sign, equipped with automated self-checking function during startup and an automatic self-calibrating sensor
- Display: Built-in 10.4 inch high visibility color TFT display, able to simultaneously display Pressure-Time and Flow-Time waveforms in real time
- Sigh: Ability to insert 1-8 sigh breaths in every 100 breaths, ventilation should be no less than 1.5 the tidal volume
- Equipped with infrared turbine flow sensor; precisely measures gas flows, stable and reliable
- Power Failure Support Functions: Automatically converts-standby mode during AC power outages
- 9 Level adjustable humidifier
- Monitor Parameters: tidal volume, respiration rate, airway pressure, I:E ratio, inspiratory & expiratory status, inspiratory trigger and others
- Alarms: Audible and/or visual alarms for ventilation volume, tidal volume, oxygen concentration, asphyxia, airway pressure, intubation disconnection, low oxygen, power failure and other alarms, also features a alarm history query function

#### ADVANCED MODEL EXCLUSIVE FEATURES

- Equipped with professional medical grade air compressor tailored for long clinical times and low noise requirements

#### AIR COMPRESSOR

- Air Compressor: 220V Ac $\pm$ 10%, 50 $\pm$ 1Hz, 700VA, also features good protective grounding against electrical activity
- Output Gas Pressure: 0.4MPa $\pm$ 20%
- Continuous output gas flow greater than or equal to 20L/min Instantaneous output gas flow great than or equal to 60L/min

#### SPECIFICATION

Model	PA-900B (Standard Model)	PA-900B (Advanced Model)
<b>Display</b>	10.4 inch high visibility color TFT display	
<b>Ventilation Mode</b>	IPPV, SIPPV, VCV, PCV, SIMV, MANUAL, Standby	A/C, SIPPV, IPPV, SIMV, PSIMV, PSV, CPAP, PCV, VCV, SPONT, MANUAL
<b>Minute Volume</b>	Greater than or equal to 18L	
<b>Back-up Power Supply</b>	At least 4 hours	
<b>Tidal Volume</b>	Adjustable range: 20-1500ml, Display range: 0-2000ml	
<b>Respiratory Rate</b>	1-99bpm	
<b>Inspiratory/expiratory (I:E)</b>	4:1-1:4	
<b>PEEP</b>	0-10cmH <sub>2</sub> O	
<b>SIMV Rate</b>	1-20bpm	
<b>Inspiratory Pressure Trigger</b>	-10-10cmH <sub>2</sub> O	
<b>Trigger Sensitivity (flow)</b>	1-10L/m	
<b>Inspiratory Plateau</b>	Adjustable from 0-50% of inspiratory time	
<b>Adjustable Oxygen</b>	45-100%	21-100%
<b>Gas Supply Requirement</b>	280~600 kPa medical grade oxygen and	
<b>Pressure Limit</b>	1.0kPa~6.0kPa	
<b>Maximum Safe Operating</b>	$\leq$ 6.0kPa	
<b>Tidal Volume Alarm</b>	Upper Limit: 10~2000ml, Lower Limit: 0~1800ml	
<b>Airway Pressure Alarm</b>	Upper Limit: 0.1~6kPa, Lower Limit: 0~5kPa	
<b>Oxygen Concentration Alarm</b>	Upper Limit: 22~100%, Lower Limit: 21~80%	



**DALPA-500**  
Standard Model

#### COMMON FEATURES

- Pneumatically driven electrically controlled ventilator, can be used for emergency clinical resuscitation and respiratory therapy
- Display: High visibility, wide angle LED alphanumeric data display, equipped with tactile analog parameter controls
- Equipped with high precision infrared turbine pressure and flow sensors
- Power Failure Support Functions: Automatically converts to standby mode during AC power outages
- Nonhazardous environmentally friendly frame, precise construction, elegant design, equipped with automated self-checking function during startup and an automatic self-calibrating sensor
- Alarms: Audible and/or visual alarms for tidal volume, airway pressure, power failure oxygen failure and other alarms.
- 9 Level adjustable humidifier

Model	PA-500
Display	LED
Ventilation Mode	A/C, IPPV, SIPPV, IMV, SIMV, MANUAL
Minute Volume	Greater than or equal to 18L
Back-up Power Supply	At least 4 hours
Tidal Volume	Adjustable range: 50-1500ml, Display range: 0-
Output Oxygen	<50%
Respiratory Rate	6-60bpm
Pressure Limit	1-6kPa
Inspiratory/Expiratory (I:E) Ratio	1:1.5-1:3.0
PEEP	1-10cmH <sub>2</sub> O
SIMV Rate	1-12bpm
Inspiratory Pressure Trigger	-4-10cmH <sub>2</sub> O
Maximum Safe Operating Pressure	≤6.0 kPa
SIGH	1 sigh breath in every 80-120 breaths
Airway Pressure Alarm	Upper Limit: 0.9~5.4kPa, Lower Limit: 0.5kPa
Gas Supply Requirement	280~600 kPa medical grade oxygen



**DALPA-900A**

FOR ADULTS, CHILDREN & INFANTS  
VERSATILE VENTILATOR

**SPECIFICATION**

- Ventilation modes: IPPV/ASSIST(VC), IPPV/ASSIST(PC), SIMV, BIPAP, CPAP, NIV Ventilation Frequency: 2~99cycles/min Inspiration Time: 0.2~3s
- Oxygen Concentration: 21%~100% PEEP: 0kPa~3.5kPa
- Pressure Support: 0kPa~3.5kPa (above the PEEP pressure)
- Trigger Flow: 1L/min~25L/min; Tidal Volume: 30mL~2000mL Monitoring
- a. Tidal Volume measuring range: 30mL~2000mL
- b. Minute volume measuring range: 0.5L/min~30L/min
- c. Airway pressure measuring range: 0kPa~9.9kPa
- d. PEEP: 0kPa~3.5kPa
- e. Ventilation Frequency: 0~99cycles/min f. Output oxygen concentration measuring: 21%~100%
- Normal Working Condition Power supply:
- AC 220V±22V; 50Hz±1Hz Internal Battery DC 12V

**DALPA-700**

NEONATAL VENTILATOR

**SPECIFICATION**

- Ventilation Modes: CMV, IMV, CPAP, manual Respiratory Rate: 1~120bpm
- I:E: 1: 0.1~1: 9.9
- Flow Rate: 3L/m~20L/m
- O Concentration: 21~100% PEEP: 0kPa~2kPa
- Inspiratory Pressure: 1kPa~9kPa Inspiratory Time: 0.2~3.0s
- Input Pressure: 0.15MPa~0.3MPa



### DALC-100 Specialized Cardiovascular Monitor Modular Monitor + ECG

- C100 can be used as a electrocardiograph
- C100 has passed IEC 60601-2-25 ECG Machine Specialized Standards.
- Advanced performance: Input impedance  $\geq 50M\Omega$ ,
- Polarization resistance voltage:  $\geq \pm 650mV$ ,
- Common mode rejection ratio:  $\geq 105dB$ , Time constant:  $\geq 5S$ .
- 72 hours' full disclosure 12-lead ECG waveform review.
- Shortcut key for ECG, one key switch between the monitoring mode and the ECG mode.
- 216mm modular printer; synchronous printing of 12-lead ECG.
- Modular Monitor
- Two extendable modular slots,
- CO<sub>2</sub> / IBP / C.O. / AG / ICG module optional;
- Flexible configuration based on
- department requirements.
- Functional modular slot X2
- Support 216mm thermal recorder,
- 12 waveforms simultaneously recorded.
- Printing module slot X1



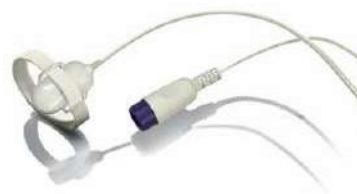
### DALC-30 Multi-parameter Patient Monitor

- First-aid on the spot
- Transfer patients in the hospital
- Monitoring in emergency department
- Transfer patients to the hospital

- Comen C30 is a new generation of specialized ambulance & transport monitor. It is designed according to rescuing scene and ambulance
- transportation monitoring requirements for practicability, convenience and reliability of emergency treatment, first aid and transportation.
- It adopts PC/ABS high-strength engineering plastics, high-reliability Linux operation system and high-brightness scratching-prevention LCD.
- It is equipped with specialized first-aid monitor bag with fitting management pack and first aid device collection pack able for multi-carry .
- The entire machine is portable, solid, reliable, stable, waterproof, fireproof and anti-falling. It also can be displayed clearly under strong
- sunshine in the open air. It also can be used under various kinds of severe environment to meet the demand of medical agents such as troops
- and hospital during emergency treatment, first aid and transportation in the field
- Waterproof, vibration shock resistant
- The specialized waterproof and anti-shock C30 first aid bag is portable and easy carrying with enough space
- Multi-carry options: shoulder strap, stretcher, mount on the ambulance
- Place first aid articles in left storage bag and all instrument
- accessories fitted in right one



### DALC-60 Specialized Neonatal Monitor



#### Apnea Self-saving monitoring

Unique neonatal Apnea Self-saving monitoring solves the suffocation symptom brought by Apnea neonatorum, gives superior care to the neonates



#### Oxygen concentration monitoring function

The oxygen concentration of the incubator will be displayed on the monitor through oxygen sensor, it's convenient for medical stuff to know the oxygen concentration status



### DALC-20 Specialized Fetal & Maternal Monitor

- In obstetrics, we take care of both fetus and pregnant women.
- Different monitors will be used during the process of prenatal diagnosis, premature rescue, delivery, postpartum recovery.
- Traditional obstetric care equipment, including fetal monitor, emergency transport monitor, maternal / fetal monitor and multi parameter monitor, makes monitoring complicated. However, COMEN makes it simple and creates the C20 specialized obstetric monitor. C20 provides a variety of obstetric care equipment which can meet all the demands in obstetrics

#### Functional Characteristics

- 12.1" LCD touch screen
- Full keyboard design makes clinical editing more easily
- Screen can be adjusted for multi-angle observation
- Suitable for antepartum and postpartum applications
- Fetal interface, fetal and maternal interface, big font interface
- High sensitive waterproof FHR transducer
- Auto/Manual fetal movement marker
- Automatic fetal status scoring system
- Built-in 152mm Thermal Printer
- Compatible with COMEN central monitoring system

#### PROFESSIONAL FETAL AUTOMATIC SCORING SYSTEM

Fischer Improved

Fischer

Krebs

NST



### DALK1 Specialized Transport Patient Monitor

#### Concise, Intuitive, Powerful

- Compact size 148.4×79.2×96.5mm, Light weight 2.5kg
- Fixed handle and Module Rack clip, carry with ease
- 5.5-inch capacitive touchscreen 1280×720 high resolution
- Supports multi-touch operation, easy to learn and operate
- IP44 Ingress Protection, 1.2m Drop Endurance and 10-hour Battery Life

#### Seamless Functionality that Moves, Just Dock It.

- With the certification of EN1789, the K1 can be used as a specialized ambulatory transport patient monitor.
- Couples as plug-and-play multi-parameter module for the Kpro Series patient monitors to achieve seamless transmission of patient data from transport straight to the ICU.
- Compact and Flexible, the K1 also functions perfectly as a bedside patient monitor when equipped with a Module.

- Rack and Docking Station that enables connection to an external display through Mirrored or Independent modes

#### Diagnostic Excellence through Reliability and Versatility

- K1 delivers basis measurements including 3/5/6/12-lead ECG with ST and QT analysis, respiration, NIBP, SpO2, temperature, built-in sidestream EtCO2 and dual IBP.
- With Module Rack, K1 supports one extended module and provides advanced measurements including mainstream/sidestream EtCO2, dual IBP, invasive cardiac output(C.O.), BIS, AG, NMT, RM, Rainbow SpO2 and apnea wake-up function for infants.
- Alarm Event 2000 groups, NIBP 2000 groups, ARR Event 48 hours, Full Disclosure 48 hours, Trend Graph/Table 160 hours.
- Clinical Assistant Application(CAA) including Early Warning Score (EWS), Glasgow Coma Scale (GCS), SpesisSight and ECG 24H Summary.
- 4G/5G/WIFI/wired connection to central monitoring system on the move or at the bedside. Seamless and offline data transmission to Kpro Series when working as a module.



**DALC80**  
Multi-parameter  
Patient Monitor  
12.1" LCD touch screen



**DALC86**  
Multi-parameter  
Patient Monitor  
12.1" LCD touch screen

C80/C86 is the new generation of patient monitor designed and developed by COMEN. C80/C86 is equipped with SD card port, USB port, convenient handle, multiple mounting solutions, IPX1 level waterproof cabinet design and sturdy housing to withstand rough handling. C80/C86 fulfills the hardware requirements for intensive care monitoring in multiple environments, efficiently caring for human life every second.



**DALC50**  
Multi-parameter  
Patient Monitor  
12.1" LCD touch screen

#### Features

- 10.4" LCD touch screen
- Support rotary knob, buttons and touch screen operation
- Perfect patient information management system
- 5° inclination screen makes bedside monitoring easier
- Fan-less design, avoid cross contamination on laminar, ultra quiet;
- IPX1 waterproof
- Intelligent alarm technique, automatic recognition alarm level



**DALC100A**  
Multi-parameter  
Patient Monitor

#### COMEN Telemetry Monitoring System

- RF telemetry technology.
- Support 3,5 lead ECG.
- Maximum 48 telemetrys can be connected to Central Monitoring System.





### DALC90 Multi-parameter Patient Monitor

- C90 monitor is integrated with the world-leading vital signs parameter monitoring technology and IT application technology to make a high-end vital signs monitoring platform and provide a comprehensive monitoring solution.
- 17" high resolution LCD touch screen 1280 X 1024
- Rotary knob, buttons and touch screen operation.
- Built-in lithium battery: to ensure keeping continuity of patient's data during operation with its running time over 2 hours
- Bracket solutions: Trolley
- Supporting built-in thermal printer and external laser printer
- Module conductive contact: gold-plating technology, excellent conductivity
- Infrared transmission for module data transfer

C70 inherited the outstanding character of our Patient Monitor C90 and adopted with highly integrated modular mechanical structure, it efficiently combines the structure, function and maintenance management. C70's single-module and multi-module can combine at meeting the upgrade which clinical needs. C70 create a new era in modular monitor field

### DALC70 Multi-parameter Patient Monitor



#### Functional module slot



IBP

CO<sub>2</sub>

AG

ICG

C.O

BIS

- Plug and play, interchangeable
- Various kinds of module slots, multi parameter module C30 and multi parameter module C31 can be plugged in C90 and C70, which provided the vital signs parameter monitoring.

### DALKPRO series Multi-parameter Patient Monitor



18.5" LCD touch screen, 1920 x 1080



15.6" LCD touch screen, 1920 x 1080



12.1" LCD touch screen 1280 x 800

- Our refined captivating screens come installed with multiple user-friendly designs to facilitate operations in most clinical settings.
- Bundled with even more high-end monitoring parameters including NMT, Masimo Rainbow Set, rSO2, apnea wake-up and O2, the Kpro Series provides more tools for diagnostic accuracy.
- The K18 is equipped with a dual system which incorporates a patient monitoring system with an iCM system that is developed based on Windows®, which allows clinicians to have direct access to hospital databases on the monitor such as HIS, EMR and PACS as well as doubling as a bedside workstation.
- The Kpro Series can also be connected to other clinical equipment such as anesthesia machines, ventilators and infusion & syringe pumps, to integrate and display comprehensive patient data, thus creating a one-stop monitoring platform that is furthered by the inclusion of centralized monitoring and multiple functions for the processing of physiological parameters during critical patient care





**DALNC3**  
Vital Signs Monitor

- Specially designed for inpatient monitoring and ward rounding, easy and quick to learn basic vital signs; Configured with easy-to-use NIBP, SpO2 functions; Quick body temperature measurement technique in clinical application: use infrared ear thermometer to learn ear cavity temperature in 1-2s, which is instantly uploaded wirelessly to Nc3;
- 12 hours battery life under standby mode, high resolution display; Simple and elegant, compact and lightweight; Aesthetics, technology, science and wisdom in one.

**Ingenious and Minimalistic, Smart and Lightweight DALNC5 Vital Signs Monitor**



- Applied to outpatient, emergency and general wards.
- As a spot check monitor and bed side monitor, it integrates NIBP, SpO2, ECG, Ear Temp. It is simple, tasteful, compact and lightweight, a perfect combination of technology and aesthetics.

### MULTI-PARAMETER PATIENT MONITOR



**DALNC5**  
Screen Size  
12.1 inch



**DALNC8**  
Screen Size  
8 inch



**DALNC10**  
Screen Size  
10.4 inch

#### Simple, reliable, multi-functional.

- Semi modular patient monitor, combined the advantages of normal patient monitor and modular patient monitor, which can meet different demand of different department in hospital.
- Support rotary knob, buttons and touch screen operation.
- Plug and play modular design offers the most commonly used parameters, including CO2, IBP, AG, C.O., BIS.
- Screen brightness auto-adjustment with ambient light sensor.
- Button bar was located at right side on the front shell, more convenient for using.
- Fan-less design, avoid cross contamination on laminar, ultra quiet



**DALNC19**  
Screen Size  
19 inch



NC19 is a standard display interface which integrated both hardware and software technology from its mature product C90 & C70. Not only with slim and wide LCD screen, but also capacity with powerful information processing. This product equips with various peripheral interface, which is suitable for working with different equipment. Relying on a variety of mounting solutions, developing with innovative technology, COMEN perfectly combines actual medical applications and modern aesthetics into one, which comes as Separated Modular Patient Monitor NC19. This innovative monitoring applies with the comprehensive care units; Integrate with patient monitor C30. It is very convenient for nurses to observe the data with 19 inch LCD screen, and also the modular patient monitor is a classic model for the ICU.

## MULTI-PARAMETER PATIENT MONITOR

**DALSAF8000****FEATURES**

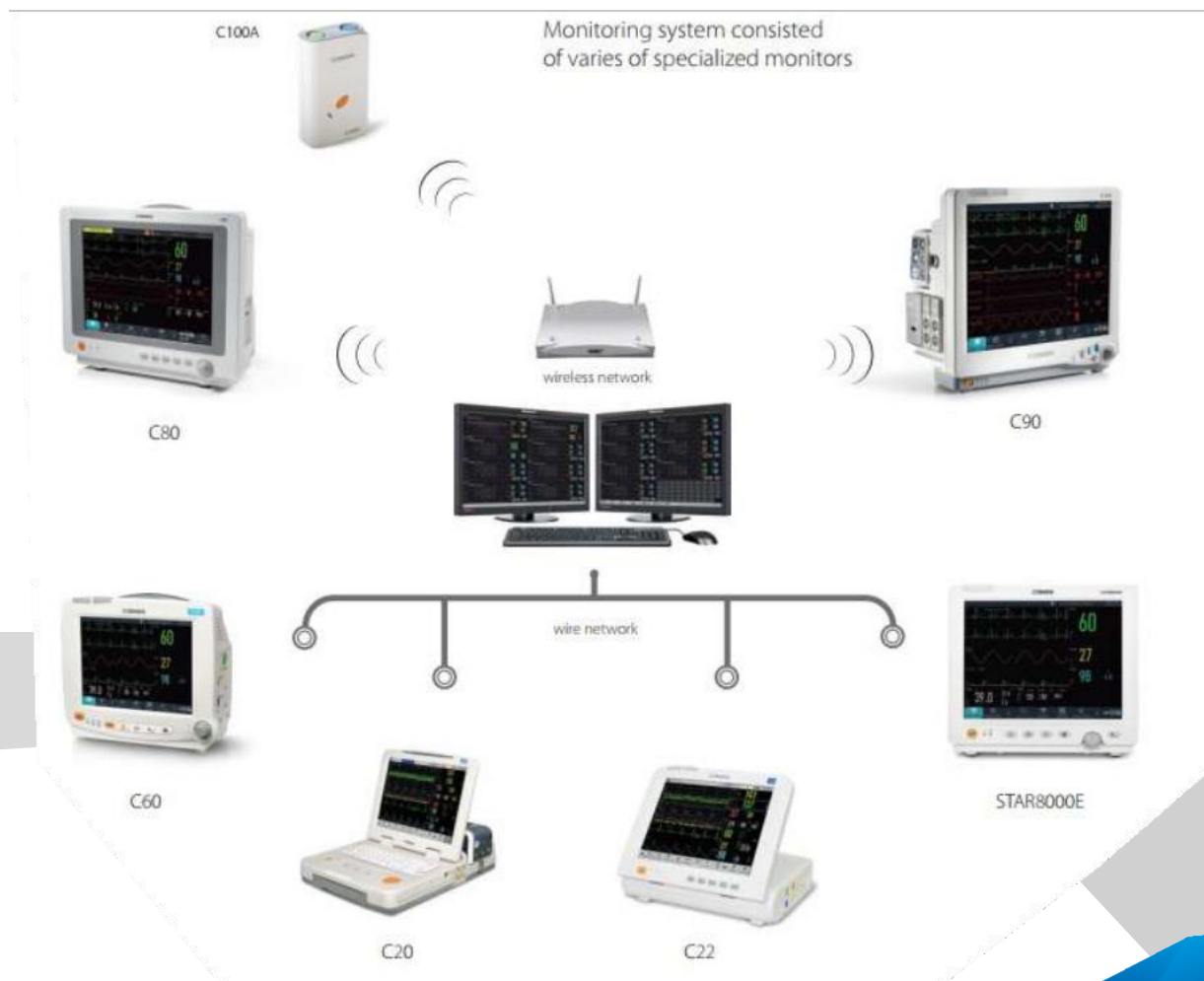
- 12.1" LED backlight touch screen with low power consumption
- Support rotary knob, buttons and touch screen operation
- Fan- less design, avoid cross contamination on laminar, ultra quiet
- Large data storage
- Large capacity battery, incredible long service life

**DALSAE8000****FEATURES**

- 12.1" LED backlight screen with low power consumption
- Support rotary knob, buttons and touch screen operation
- Fan- less design, avoid cross contamination on laminar, ultra quiet
- Large data storage
- Large capacity battery, incredible long service life
- Independent striking NIBP shortcut key, easy to use

**DALSAH8000****FUNCTIONS**

- 8.4" LED backlight touch screen
- Support rotate, key and touch screen operation
- Fan- less design, avoid cross contamination on laminar, supreme quiet
- Pass CE certificate, modular design with magnesium alloy guarantee safety,
- reliability and stability
- Light weight with compact design, multiple mounting solutions, easy to transport and mount.



**PDJ-800E****FEATURES**

- Newly advanced A8 main board with Linux OS, more stable and safe
- Foldable 12.1 inches high-brightness TFT LED, touch screen (optional)
- 12-Crystal Doppler transducer for accurate detection (waterproof for optional)
- FHR signal quality indicator helps optimize the probe position
- Event marker for easy documentation of events and kick counts
- On-screen scrolling for viewing stored fetal traces
- Twin ultrasound monitoring capability
- Configurable audible and flashing fetal heart rate alarms
- Cross- Channel Verification (CCV) provide visual and audible indication when it automated detects synchronous fetal or maternal heart rate/ pulse rate signals, indicating that you may be monitoring duplicate signals
- Built-in high speed thermal printer, printing width can be set to 112mm,150mm
- Large capacity storage space, 8640 hours memory for fetal traces
- Supporting keyboard and mouse to input patient information (optional)
- Internal rechargeable Li-ion battery or AC power from external power supply
- Optional build-in wireless network card, supporting wired or wireless connection to the central monitoring station
- Optional Fischer Non-Stress Test (NST) report software allows interpretation of fetal heart rate and TOCO traces, and generates a printed report automatically for a reassuring NST Support HL7 (Health Level Seven, optional)

**DALPDG-800****FEATURES**

- Single or twins ultrasound transducer
- Compact and portable design, table placement or wall mounted
- 8.4" color LCD screen display (up to 60° rotation)
- Clearly displays patient data and waveform
- Able to manually record fetal movement
- High and low fetal heart rate alarm function
- Continuous 24-hour real-time monitoring function
- Continuous 12-hour patient waveform and data storage with playback ability
- Equipped with picture freeze function
- Selectable English & Chinese interface for operation
- Single, Twins monitoring selectable
- 9 chip pulse width beam probe
- Extra-long life, high-resolution built-in thermal printer able to output waveform, text, and other information
- Built-in RJ45 Ethernet interface, can be connected with central monitoring system
- Ultrasound probe nominal frequency: 1.0MHz
- FHR Range: 65BPM~210BPM; Accuracy:  $\pm 2\%$
- AC Power Supply Voltage: AC100V~ 240V
- Working Frequency: 50Hz/60Hz
- TOCO Range: 0~100%; Resolution: 1%
- Fetal Marking: Manual push button (Can operated by pregnant mother)
- Optional: Twins monitoring ultrasound probe FHR2
- Battery

**DALPDF-800****FEATURES**

- Single or twins ultrasound transducer
- Graphing function and trend table review for both parent and fetus
- Built-in thermal printer
- Programmable alarms
- Built-in network connectivity capability with central monitoring software
- All visual or colors of parameters are customizable
- Multi-face views, select focus on parent or fetus
- Storage of patient information and data

**TECHNICAL & PERFORMANCE SPECIFICATIONS**

- Display: 8.4" color TFT
- Resolution: 640×480
- Display Mode: Standard View, Fetus View, Parent View
- Interface: socket for connecting the fetus' FHR, TOCO, and Fetal Movement

- Indicator: power indicator light, alarm sound
- Sensor socket for connecting the parent's ECG, NIBP and SPO
- 2 sensor
- Network socket (RJ45) for Ethernet connection with Central Monitoring Station Software
- Power Supply: AC100~240V, 50/60Hz, power;<60VA
- Trend Graph: resolution from 1s, 5s, 10s (Maximum time; 96 hours)
- Trend Table: resolution from 1s, 5s, 10s (Review up to 1000 items)
- Alarm: adjustable upper and lower limits, three level audible and visual alarms
- User Configuration: color of every parameter and waveform adjustable by the user
- Satisfies IEC60601 series requirements
- Degree of Electrical Protection: BF
- Type of Protection: Class II with internal electric power supply
- Built-in Li battery

**FHR**

- Ultrasound Frequency: 2MHz
- Range: 50~210bpm
- Resolution: 1bpm
- Accuracy:  $\pm 2$ bpm

**FETAL MOVEMENT**

- Manual fetal movement mark
- SPO2
- Measurement Range: 0~100%

Resolution: 1%

- Alarm Range: 0%~100%
- Refreshing Rate: 1s
- Accuracy:  $\pm 2\%$  (70%~100%, adult/pediatric, non-motion)  
 $\pm 3\%$  (70%~100%, neonate, non-motion)
- 0%~69% unspecified

**PULSE RATE**

- Measurement Range: 25~250bpm
- Resolution: 1bpm
- Accuracy:  $\pm 3$ bpm (non-motion)
- Alarm Range: 25~250 bpm
- Refreshing Rate: 1s

**ECG**

- Lead Mode: 3-lead or 5-lead
- Lead Selection: I, II, III, aVR, aVL, aVF, V
- HR Range: 15~300bpm
- ECG Waveform: 2 channels
- Accuracy:  $\pm 2$ bpm or  $\pm 2\%$ , which is greater
- S-T Segment Detection Range: -2.0mv~+2.0mv
- Arrhythmia Analysis: 13 kinds of arrhythmia
- Alarm Range: 15~300bpm

**NIBP**

- Method: Oscillometry
- Mode: Manual/Automatic/Continuous
- Measurement Range: 25~260mmHg
- Automatic Measuring Interval: 5, 10, 15, 30, 45, 60, 90 min
- Resolution: 1mmHg
- Overpressure Protection: 300mmHg
- Alarm Range: 25~260mmHg



**DALSA-23B.11 + Battery****SPECIFICATIONS**

- Air pumping efficiency:  $\geq 20\text{L/min}$
- Capacity of liquid vessel: 1000ml
- Range of negative pressure:
- $0.013\text{MPa} \sim 0.09\text{MPa}$  (680mmHg)
- Power supply:  $\text{AC}220\text{V} \pm 10\% \sim 50\text{Hz}$
- DC 12V
- Input power: 400VA
- Pump structure: oil-free self-lubricated pump
- Noise:  $\leq 55\text{dB}$
- Work mode: intermittent load
- continuous operation

**DALJXD820 + Battery****SPECIFICATIONS**

- Maximum Negative Pressure:
- $\geq 0.08\text{MPa}$  (600mmHg)
- Negative Pressure Range:
- $0.02\text{MPa} \sim 0.08\text{MPa}$
- Flow Rate:  $\geq 20\text{L/min}$
- Noise Level:  $\leq 65\text{dB(A)}$
- Container Capacity: 1000ml (PC)
- Operating Voltage: DC 12V;
- $\text{AC}100\text{V} \sim 240\text{V}$  50/60Hz
- Input Power: 110VA
- JX820D Battery duration on full charge:  $\geq 30\text{min}$ ; JX820D-1
- Battery duration on full charge:  $\geq 60\text{min}$
- Optional: Carry Bag

**DAL7AD-23****SPECIFICATIONS**

- Max negative pressure:  $\geq 0.09\text{MPa}$
- Noise:  $\leq 60\text{dB(A)}$
- Power:  $\leq 120\text{VA}$
- Pumping rate:  $\geq 26\text{L/min}$
- Reservoir capacity: 2500mL/pc, 2pieces, glass
- Compressor: Swinging type Oil-free piston
- Vacuum Rang: 0-750mm Hg

**DAL7AB-23****SPECIFICATIONS**

- Max negative pressure:  $\geq 0.09\text{MPa}$
- Noise:  $\leq 60\text{dB(A)}$
- Power:  $\leq 120\text{VA}$
- Pumping rate:  $\geq 26\text{L/min}$
- Reservoir capacity: 2500mL/pc, 2pieces, glass
- Compressor: Swinging type Oil-free piston
- Vacuum Rang: 0-750mm Hg

**DALYXD980****SPECIFICATIONS**

- Max vacuum:  $\geq 0.09\text{MPa}$  (680mmHg)
- Adjustable vacuum range:
- $0.02\text{MPa} \sim 0.09\text{MPa}$
- Flow rate:  $\geq 80\text{L/min}$
- Noise:  $\leq 60\text{dB(A)}$
- Jar:  $4000\text{ml} \times 2 + 2000\text{ml} \times 2$  (PC)
- Power supply:  $\text{AC}220$  50Hz
- Input power: 280VA



**DAL7-F5**

## SPECIFICATIONS

- Oxygen Flow: 0.5~5L/min
- Oxygen Concentration: 93%±3%
- Power Supply: ~220V±22V; 50Hz±1Hz
- Input Power: 500VA
- Output Pressure: 40~70kPa
- Operation Noise: ≤53dB(A)
- Size: 445×372×680mm
- Weight: 27kg



**DALOC-5AH**

## SPECIFICATIONS

- Maximum Flow Rate: 5L/min
- Oxygen Concentration: 93%±3%
- Operating temperature: 5°C-40°C
- Noise Level: <45dB(A)
- Power Supply: AC220V±22V, 50Hz or 110V±10V/60Hz
- Power Consumption: <320(VA)
- Output Pressure: 58.6±6kPa



**DALOC-5P**

## SPECIFICATIONS

- Oxygen Flow : 1L/min
- Power Consumption: 90W
- Output Pressure: 0.07Mpa ±10%
- Noise: 45dB(A)
- Nebulizer: Yes
- Nebulizer Outlet: Yes
- Nebulizer Control: Electronic Control
- Flow Setting Method: Electronic Control and display on LED screen, no need flow meter
- Flow rate: 1 L/min, 3L/min, 5L/min

# NEBULIZER



**DAL403C**

## SPECIFICATIONS

- Power supply: AC220±22V~50±1Hz
- Max negative pressure compressing pump: ≥0.15MPa
- Free air flux compressing pump: ≥10L/min
- Max neublizing rate: ≥0.1mL/min
- Noise: ≤65dB(A)



**DAL403N**

Model	403N
Liter Flow Range:	>12lpm
Maximum neublization rate	≥0.35mL/min
Sound level	≤ 55dB(A)
Particle size	0.5-10um
MMAD	3um
Export pressure range	9.0-20ps
Accessories	adult mask, air tube, air filter(5pcs), neublizer bottle

DALPT-100A (S)



DALPT-100A



DALPT-100B



DALPT-300



DALPT-300A



DALPT-300B



## TECHNICAL SPECIFICATIONS

Model	PT100A(S)	PT100A	PT100B
Power	220V±22V, 50Hz±1Hz (110V±11V, 50/60Hz)		
Output Power	100W	150W	80W
Operating Frequency	Monopolar: 330kHz/430kHz	Monopolar: 330kHz/430kHz	330kHz/430kHz Bipolar: 1000kHz
Power Rating	500VA±10%	500VA±10%	300VA±10%
Operating Mode	<b>Monopolar Cut</b>		
	Pure Cut 0~100W (Load 300Ω) Blend Cut: 0~100W (Load 300Ω)	Pure Cut 0~150W (Load 300Ω) Blend Cut 0~150W (Load 300Ω)	
	<b>Monopolar Coagulation</b>		
	Forced Coagulation: 0~80W (Load 500Ω) Soft Coagulation: 0~40W (Load 500Ω)	Forced Coagulation: 0~80W (Load 500Ω) Soft Coagulation: 0~40W (Load 500Ω)	
	<b>Bipolar</b>		
			Bipolar Coagulation: 0~80W (Load 300Ω) Bipolar AUTO: 0~80W (Load 100Ω)
Surgery Application	General Surgery	General Surgery	Neurosurgery

## TECHNICAL SPECIFICATIONS

Model	PT300	PT300A	PT300B
Power	220V±22V, 50Hz±1Hz (110V±11V, 50/60Hz)		
Output Power	300W		
Operating Frequency	Monopolar: 330kHz/430kHz    Bipolar: 1000kHz		
Power Rating	800VA±10%		
Operating Mode	<b>Monopolar Cut</b>		
	Pure Cut: 0~300W (Load 500Ω) Blend Cut 2: 0~200W (Load 500Ω) Blend Cut 1: 0~100W (Load 500Ω)		
	<b>Monopolar Coagulation</b>		
	General Surgery: 0~120W (Load 500Ω) Forced Coagulation: 0~100W (Load 500Ω) Soft Coagulation: 0~50W (Load 500Ω)		
	<b>Bipolar</b>		
	Bipolar Coagulation: 0~100W (Load 100Ω) Bipolar AUTO: 0~100W (Load 100Ω)		
Endoscopy	Yes	Yes	N/A
Underwater Support	Yes	N/A	N/A
Surgery Application	General Surgery, Endoscopic, Urological, Orthopedic, Thoracic & Neurosurgery	General Surgery, Endoscopic, Orthopedic, Thoracic & Neurosurgery	General Surgery, Urological, Orthopedic, Thoracic & Neurosurgery



DALPT-200AI



Operating Frequency	Monopolar: 475KHz; Bipolar: 1000KHz
Power Rating	800VA±10%
Operating Mode	Monopolar Cut
	Pure Cut: 0~200W(Load 300Ω)
	Blend 1: 0~150W(Load 300Ω)
	Blend 2: 0~100W(Load 300Ω)
	Monopolar Coag
	Contact Coag.: 0~120W(Load 500Ω)
	Forced Coag.: 0~100W(Load 500Ω)
	Soft Coag.: 0~50W(Load 500Ω)
	Bipolar
	Bipolar Coagulation: 0~50W(Load 100Ω)
	Bipolar Cut: 0~50W(Load 100Ω)
Power Consumption	800VA±10%
Surgery Application	Surgical Monopolar, Bipolar Surgery

DALPT-2000AI



### TECHNICAL SPECIFICATIONS

- Power: 220V±22V, 50Hz±1Hz(110V±11V, 60Hz)
- Power rating: 1100VA±10%
- Power Consumption: ≤1100VA

Function	Working Modes	Power Output (max)	Load	Frequency	V-PP	Crest Factor
Monopolar Cut	Pure cut	400W	800Ω	512KHz	2.6kV	1.5
	Blend1	300W	800Ω		4KV	1.8
	Blend2	200W	800Ω		4.2KV	2.1
	Blend3	150W	800Ω		4KV	2.7
Monopolar Coagulation	Spray	80W	800Ω	512KHz	5.3KV	7.4
	Forced	120W	800Ω		5KV	3.8
	Soft	120W	800Ω		720V	1.6
Bipolar	Standard coag	70W	200Ω	1024KHz	550V	1.6
	Macro-bipolar	120W	200Ω		350V	1.6

DALPT 2000I



### TECHNICAL SPECIFICATIONS

Operating Frequency	Monopolar: 475KHz; Bipolar: 1000KHz
Power Rating	800VA±10%
Operating Mode	Monopolar Cut
	Pure Cut: 0~200W(Load 300Ω)
	Blend 1: 0~150W(Load 300Ω)
	Blend 2: 0~100W(Load 300Ω)
	Monopolar Coag
	Contact Coag.: 0~120W(Load 500Ω)
	Forced Coag.: 0~100W(Load 500Ω)
	Soft Coag.: 0~50W(Load 500Ω)
Power Consumption	800VA±10%
Surgery Application	For variety of gynecological operations with interface for endoscopy




**SPECIFICATIONS**

- Input power:  $\leq 70W$
- Temperature controlling
- a) Liquid temperature at the entrance:  $15^{\circ}C \sim 25^{\circ}C$  or  $59^{\circ}F \sim 77^{\circ}F$
- b) Liquid temperature at the exit:  $30^{\circ}C \sim 41^{\circ}C$  or  $86^{\circ}F \sim 105.8^{\circ}F$  (Note 1)
- c) Displaying error of temperature:  $\leq 2^{\circ}C$  or  $3.6^{\circ}F$  (Note 2)
- Safety: the power supply will be automatically cut off when the heating plate reaches  $42^{\circ}C + 2^{\circ}C$  or  $107.6 + 3.6^{\circ}F$ . Meanwhile, the buzzer phone gives an alarm and red-guided light glimmers Suitable speed of infusion fluid:  $40 \sim 80$  drops/min ( $2 \sim 5.3ml/min$ )
- Fuse: T500mAL250V Size:  $\phi 3.9 \times 11mm$  Max. Weight:  $< 600g$

**HEMODIALYSIS MACHINE**

**SPECIFICATION**

- User Friendly Operation
- 10" LCD touch screen
- Automatically activates treatment program when blood is detected flowing through
- Auto self test, prime, rinse, disinfection, hot disinfection, treatment and power off, etc
- Records in table and graphs

**All-Around Security System**

- Conductivity
- Temperature
- Air bubble & Blood level
- Blood leakage
- Blood pressure
- Arterial, Venous & TM Pressure
- Anti-coagulation
- Backup battery

**Precise UF System**

- Classic waterway system controls the UF precisely
- Double circulation waterway system to prevent cross-infection

**Powerful Functions**

- $Na^+$ , UF & HCO
- 3- Profiles
- Suitable for any dialysate formula
- Dialysate flow linearly adjustable
- Kt/V
- Optional: Bicarb-cartridge holder, Pyrogen filter port, Network connection, etc

**PORTABLE AUTOMATED EXTERNAL DEFIBRILLATOR**

**Philips HeartStart OnSite Defibrillator**

The first and only AED available without a prescription, the OnSite is designed to be the easiest to set up and use and the most reliable defibrillator available.

- 8-Year Manufacturer's Warranty
- Philips OnSite Adult SMART Pads Cartridge
- Philips OnSite 4 Year Lithium Battery Pack
- Philips OnSite User's Manual. Philips OnSite Quick Use Guide
- Medical Prescription/Authorization. Heart Smart Carrying Case for Philips OnSite
- Heart Smart CPR/AED Rescue Kit (HSRK-10)
- Heart Smart Inspection / Maintenance Tag (HST-ACC01)
- Heart Smart "AED Equipped Facility" Decal (HST-ACC02)
- UPS Ground Shipping (lower 48 states only)
- Cloud Based AED Program Management
- **Alternate Part Number(s): M5066A, M5066A-C01, M5066A-C02, M5066A-CO1, M5066A-CO2, M5066A-CO4, M5066A-CO4, M5068A, M5066A-R01, M5066A-R01, M5066A-R01, M5066A-R01**



### SPECIFICATIONS

- **Defibrillation:** Manual defibrillation modes include synchronous cardioversion and asynchronous defibrillation.
- **Pacing:** Having on-demand pacing and fixed pacing mode, for patients with cardiac arrest and acute severe slow arrhythmia, in vitro non-invasive pacing mode is rapid, easy to master, time-saving and improve recovery success rate.
- **AED:** The model applies patented analysis algorithm and automated analysis as well as convenient setting to guide clinical emergency personnel in providing defibrillation and basic life support.
- **Monitor:** 5-lead ECG monitoring as standard, optional monitoring functions include SpO<sub>2</sub>, NIBP, PR and EtCO<sub>2</sub> are also available for continuous monitoring of patient vital signs.
- Convenient and Efficient
- As the most important part of CPR, time is the key for defibrillator monitor. Therefore, S5 abandons complex operation and improve convenience and efficiency for rescue.
- 1 knob - Mode can be switched among manual defibrillation, pacing and AED. In manual defibrillation, the user can complete the energy selection within 1 second.
- 3s - Defibrillator charge to 200J and shock in 3 seconds, rescue time is guaranteed fully.
- 3 steps - Fulfill defibrillating operation (Energy selection – Charging – Discharging).
- 25 types - Energy selections.

**DALIP-737**

**DALIP-1001**

**DALIP-6001**


Model	IP737	IP1001	6001
Mode	Flow rate, Time amount, Drop rate, Body weight	Flow rate, Drop rate	Flow rate, Drop rate (optional)
Flow Rate Range	1.0-1200.0ml/h, 0.1ml/h step	0.1-1200.0ml/h, 0.1ml/h step	1-600ml/h (1ml/h increment)

**SYRINGE PUMP**
**DALISP-320**

**DALISP-400**

**DALISP-500I**

**DALISP-500II**


Model	SP320	SP400	500I	500III
Mode	Rate, Time, Body Weight	Rate, Time	Rate	Rate, Time, Body Weight, Linked
Syringe Pump	5ml, 10ml, 20ml, 30ml, 50ml	5ml, 10ml, 20ml, 30ml, 50ml	5ml, 20ml, 50ml	5ml, 10ml, 20ml, 30ml, 50ml

**FEEDING PUMP**
**DAL-500III**

**DAL-500I**

Model	500I
Mode	Easy mode
	Flow rate
	Time-based
	Body weight
	Plasma TCI
Flow Rate	Effect TCI
	Syringe 5ml: 0.1-100ml/h    0.1-1ml/h in 0.01ml/h increments
	Syringe 10ml: 0.1-300ml/h    1-10ml/h in 0.1ml/h increments
	Syringe 20ml: 0.1-600ml/h    10-100ml/h in 1ml/h increments
	Syringe 30ml: 0.1-800ml/h    100-1200ml/h in 10ml/h increments
	Syringe 50ml: 0.1-1200ml/h

**TCI PUMP**


Model	205F
Flow Rate	1-2000ml/h (in 1, 5, 10ml/h)
VTBI	1-9999ml (in 1, 5, 10ml/h)
Mode	ml/h

**DALDH-36****DESCRIPTION**

- CBC with 3-Part differentiation, 21 parameters + 3 histograms
- 10.4 inches touch screen
- Up to 60 tests per hour
- 9μL sampling volume for testing
- 3 sample modes: whole blood, capillary blood and pre-diluted
- Large storage capacity of 50,000 results with histograms
- Build-in thermal printer and USB external printers
- Build-in lyse position with low consumption

- Build-in diluent dispenser for pre-dilution mode
- 6 types of languages are available

**CHARACTERISTICS**

- Operation - automatic
- Configuration - compact, integrated system
- Number of parameters - 21-parameter
- Leukocyte differentiation - 3-part differentiation
- Technology - electrical impedance
- Other characteristics - with touchscreen

**DALDF- 51****Features:**

- Laser scatter + Chemical dye + Flow cytometry
- 5-part differentiation, 27 parameters
- Up to 60 samples per hour
- Independent channel for Basophil measurement
- 10.4 inches high resolution TFT touch screen
- Powerful capability to flag abnormal cells
- Large storage capacity: up to 50,000 samples
- Recommended or customizable decision rules for re-exam abnormal samples
- Support USB/LAN /bi-directional LIS and HL7
- Support external inkjet and Laser Printer with various template & user defined template

## CHEMISTRY ANALYZER

**DALAS-280****Multifunctional precision sampling probe**

- External & internal mirror polish, external & internal probe washing
- Dedicated sampling probe equipped with sensitive liquid sensor, timely feedback of reagent & sample residuals
- Collision protection, automatic probe depth adjusting

**Excellent mixer design**

- Teflon coating mixer. No water dropping (reducing carry-over)
- Excellent mixing effect with standard mixing procedure

**Reagent tray & Sample tray;**

- 80 reagent positions, 40 sample positions
- Non-stop cooling system with peltier pad inside, 24 hours 2°C-14°C
- Bar code reader (optional)

**Reaction tray**

- 44 reaction cuvettes
- Reaction volume as low as 150μl

Stable & accurate temperature (37±0.1°C) for reaction

**Washing system**

- 3\*4 steps automatic washing
- Efficient cleaning to ensure accurate results and reliable diagnosis

**Advanced operating system**

- User friendly software interface simple, easy-to-operation
- Sample automatic dilution (decrease, increase, normal)
- Reaction result automatic checking and warning, calibration result automatic checking, warning alarm log
- Linear & nonlinear calibration, Multi-points calibration up to 8 points
- Quality control apply to westgard, L-T plot, cumulative



### DALES-200 AUTO CHEMISTRY ANALYZER



#### Multifunctional precision sampling probe

- External & internal mirror polish, external & internal probe washing
- Dedicated sampling probe equipped with sensitive liquid sensor, timely feedback of reagent & sample residuals
- Collision protection, automatic probe depth adjusting

#### Excellent mixer design

- Teflon coating mixer. No water dropping(reducing carry-over)
- Excellent mixing effect with standard mixing procedures

#### Reagent tray & Sample tray;

- 80 reagent positions , 40 sample positions
- Non-stop cooling system with peltier pad inside, 24 hours 2°C-14°C
- Bar code reader(optional)

#### Reaction tray

- 44 reaction cassettes

- Reaction volume as low as 150µl
- Stable & accurate temperature (37±0.1°C) for reaction

#### Washing system

- 3\*4 steps automatic washing
- Efficient cleaning to ensure accurate results and reliable diagnosis

#### Advanced operating system

- User friendly software interface simple, easy-to-operation
- Sample automatic dilution(decrease, increase, normal)
- Reaction result automatic checking and warning, calibration result automatic checking, warning alarm log
- Linear & nonlinear calibration, Multi-points calibration up to 8 points
- Quality control apply to westgard, L-T plot, cumulative

### DALES-100P SEMI-AUTO CHEMISTRY ANALYZER



- Convenient Operation Through Touch Screen
- 7" color touch screen, friendly user interface, convenient operation.
- 6 Interfaces, More Suitable
- 5 USB Interfaces +Ethernet Port.
- Mouse, keyboard and printer can be connected freely, easy transmission of LIS data.
- Intelligent & Humanized Software
- More convenient to edit test items freely, clear presentation of real-time curve, calibration, quality control and sample results.
- Powerful Inner Core, Huge Storage
- Storage of 200000 results, results are stored without pressure.

### DALES-102 SEMI-AUTO CHEMISTRY ANALYZER



- Convenient Operation Through Touch Screen
- 7" color touch screen, friendly user interface, convenient operation.
- 6 Interfaces, More Suitable
- 5 USB Interfaces +Ethernet Port.
- Mouse, keyboard and printer can be connected freely, easy transmission of LIS data.
- Intelligent & Humanized Software
- More convenient to edit test items freely, clear presentation of real-time curve, calibration, quality control and sample results.
- Powerful Inner Core, Huge Storage
- Storage of 200000 results, results are stored without pressure.

**Blood Coagulation Analyzer****Application:**

- It is suitable for the detection of prothrombin time (PT), activated partial thromboplastin time (APTT), thrombin time (TT) and fibrinogen (FIB) in plasma.
- Widely used in blood laboratory, biochemical laboratory, hospital blood laboratory and so on.

**Features**

- Multi-channel independent detection, can analyze different items at the same time
- 5-inch high-definition touch screen, easy to operate

- Open system, good compatibility, Supports reagents of various specifications
- 200,000 results storage
- Equipped with multiple pre-temperature positions to improve detection efficiency
- Built-in thermal printer
- The pipette automatically triggers the measurement, and the measurement time can be accurate to tenths of a second
- Less reagent consumption

**URINE ANALYZER**

- 1. Convenient, fast, accurate and simple
- 2. Built-in thermal printer.
- 3. RS232 interface can be connected to other systems such as urine sediment system.
- 4. With fault diagnosis function.
- 5. Traceability, each inspection result is photographed and archived, which is convenient for users to review.

**DALUA-200 Urine Analyzer**

Model	UA-200
Measurement Principle	Albedometry
Test Items	14 items, including GLU, BIL, KET, SG, pH, BLD,
Test Speed	60-120 Tests/ hour
Display	LCD display
Wavelength	525-660nm
Working Environment	Temperature 15°C-35°C, Humidity: <85%
Interface	RS232 interface can be connected to oth
Storage	2000 patient
Printer	Built-in thermal printer
Leakage Proof	Available, avoid cross contamination
Power Supply	AC110V/220V±10%, 50/60Hz
Package Size(W*D*H)	500*380*250mm
Gross Weight	4.5kg



- Quick heating, long lifespan and energy saving, due to the use of a newtype heating element
- Both actual and preset temperatures are displayed
- Automatic memory and restoration functions: After startup, all preset temperature data are automatically stored in the system
- Special black surface material characterized by its strong resistance to abrasion and corrosion

## SLIDE DRYER



- Quick heating, long lifespan, and energy-saving, due to the use of a newtype heating element
- Both actual and preset temperatures are displayed
- Automatic memory and restoration functions: After startup, all preset temperature data are automatically stored in the system
- Special black surface material characterized by its strong resistance to abrasion and corrosion

## AUTOMATED TISSUE PROCESSOR



- Number of Cups: 12 (9 for reagents, 3 for paraffin)
- Capacity of Each Cup: 700 ml
- Length of Processing Time in the Cup:
  - Any length between 0 and 99 hours for the first cup
  - Any length between 0 and 24 hours for the other cups
- Temperature Range: RT - 80°C
- Dripping Time: Approximately 30s
- Frequency of Agitation: 2 times/minute
- Tissue Protection Cup: at the 7th station
- Working Voltage: AC220V±10% 50Hz (standard model) AC110V±10% 60Hz
- Power Requirements: 500 W
- Heating Control: heating automatically begins when the tissue enters the 2nd cup, thus avoiding unnecessary energy waste
- Dimensions: 795×435×415 mm (W×D×H)
- Weight: 50kg

## ROAST MACHINE STALLS



- Pure-green digital display for real-time direct monitoring of heating temperature, clear and easy to operate; all parameters including preset temperatures, working temperatures, and working status are real-time displayed
- Temperature is automatically program-controlled by single-chip microprocessors made in USA
- This device featured with multiple functions and its easy setting operation can meet the needs of different users as much as possible
- DC low-voltage illuminating system and removable transparent heating dish: easy operation and convenient observation
- New heating mechanism using a new type high-thermal-conductivity heating element provides even and quick heating PID-controlled
- Triple temperature controls
- Long lifespan, safe, reliable and energy-saving
- Temperature is precisely and reliably measured by temperature-sensing integrated blocks made in USA, and all settings are automatically stored in the system
- The surface of the temperature-controlling probes is made with special black material to enable strong resistance to abrasion and corrosion, fast conductivity, and real-time measurement
- Automatic memory and restoration functions: After startup, all preset temperature data are automatically stored in the system

**DALESR-2068A | ESR ANALYZER**

- Number of Testing Samples: 10 items simultaneously
- Maximum Throughput: 20 samples/hour
- Suitable ESR Tube: 1.6ml ESR tube (vacuum or normal)
- Sample Volume: 1.6ml anticoagulant blood (blood 1.28ml+anticoagulant 0.32ml)
- Accuracy Range of Sample: 50mm-64mm
- Read Resolution:  $\pm 0.2$ mm (Westergren method result  $\pm 1$ mm)
- Reading Interval: 1 minute
- Repeatability: CV<3%
- Testing Duration: 30 minutes (Westergren 1 hour); 60 minutes (Westergren 2 hour)
- Measurement Range: 0-140mm/h (Westergren method)
- Testing Pertinence: for Westergren method result, the linear coefficient  $r \geq 0.98$
- Testing Accuracy of Crate Temperature: no more than  $\pm 2.5^{\circ}\text{C}$  between  $15^{\circ}\text{C}$ - $30^{\circ}\text{C}$
- Display: 128x240 LCD display
- Power: 12V (SELV) by external power supply

**ROTARY MICROTOME****ROTARY MICROTOME | DAL-202A****SPECIFICATION**

- Easy-to-clean housing
- Blade holder can be moved forward-or-backward and left-or-right resulting in easy trimming and sectioning operations
- LCD screen shows the number of sections and trims; equipped with a safety alert system
- Section thickness range: 0-25 $\mu\text{m}$  for continuous sectioning
- The sectioning thickness can be set at any value  $>25\mu\text{m}$
- Minimum Setting of Sectioning Thickness: 1 $\mu\text{m}$
- Maximum Specimen Size: 40x30mm
- Precision Error:  $\pm 5\%$
- Dimensions: 340x335x270mm (WxDxH)
- Net weight: 18.5kg

**ROTARY MICROTOME | DAL-2258****SPECIFICATION**

- Section Thickness Setting Range: 0-60 $\mu\text{m}$
- Section thickness setting: 0-60 $\mu\text{m}$
- 0-2 $\mu\text{m}$  increment 0.5 $\mu\text{m}$
- 2-10 $\mu\text{m}$  increment 1 $\mu\text{m}$
- 10-20 $\mu\text{m}$  increment 2 $\mu\text{m}$
- 20-60 $\mu\text{m}$  increment 5 $\mu\text{m}$
- Precision Error:  $\pm 1\%$
- Minimum Setting of Sectioning Thickness: 0.5 $\mu\text{m}$
- Maximum Specimen Size: 60x50mm
- Total Horizontal Specimen Feed: 24 mm
- Vertical Specimen Stroke: 52 mm
- Specimen Retraction: 0 - 28 mm
- Trimming Thickness: 1 - 60 $\mu\text{m}$
- Dimensions: 565x440x285mm (WxDxH)
- Net weight: 27kg

**TISSUE EMBEDDING MACHINE****SPECIFICATION**

- Fully programmable computer controls allow automatic system start and stop anytime (weekly)
- Temperature is controlled by microprocessors made in the USA and they are displayed using color-changing LEDs to enable clear visibility of working status
- Five heated areas, including Paraffin Chamber, Paraffin Dispenser, left and right Thermal Storage Compartments, and heating plate (working area), are individually controlled and work independently without interference from each other
- Flexible heating mechanism overcomes the shortcomings of traditional technology that can result in excessive temperature differences.
- System provides fast heating and precise temperature control. In addition, the dual-protection from overheating is safe, reliable and energy-saving
- Automatic memory and restoration functions: After startup, all preset temperature data are automatically stored in the system
- Flexible module configuration options through a design which separates the Cryo Module from Embedding Module
- Safe and reliable low-voltage illumination system
- Heated working plate and forceps wells make tissue embedding more convenient
- Large granite working area eases the cleanup of excessive paraffin



CENTRIFUGE



MICROSCOPE



BIOCHEMICAL INCUBATOR



VORTEX MIXER



OSCILLATOR



SPECTROPHOTOMETER



WATER BATH



MICROCENTRIFUGE



PIPETTE



ELECTRONIC BALANCE



PH METER



BLOOD REFRIGERATOR

HIGH SPEED  
REFRIGERATED CENTRIFUGEELECTROTHERMAL STABLE  
TEMPERATURE INCUBATORCO<sub>2</sub> INCUBATOR

DIGITAL MICROSCOPE



**DALDC-330****SPECIFICATION**

- Halogen lamp
- Pneumatic control system
- Chair position angle compensation
- PP soft backrest
- Emergency stop system
- Instrument & chair lock system
- Programmable position system
- Half-memorial dental chair cushion
- Rotatable armrest
- Crystal PU cover
- Hanging delivery tray
- Imported handpiece tube
- Multifunction 3-way Syringe
- Built in led X-ray view
- 16 buttons multifunction control panel
- Rotatable ceramic spittoon
- High suction via air and low suction via water
- Built in water purification system
- Imported solenoid valve
- Anti-dry Water Heater

- Imported water and air tubes
- High and low saliva ejector
- 5 buttons control panel
- Built-in Junction box
- Water, Air and electricity switch on/off system
- Signal water purification
- Signal air purification
- Original air pressure relief valve with filter
- Original water pressure relief valve with filter
- Imported water and air tubes
- Comfortable and adjustable dentist stool

**OPTIONAL**

- High speed handpiece 2 set
- Low speed handpiece 1 set
- Oral camera system 1 set
- Ultrasonic scaler 1 set
- Curing light 1 set
- Air compressor 1 set

**DALDC-1000****SPECIFICATION**

- Overall system controlled by the electric valve
- Plastic pipe
- DC motor
- Air spring
- Air-lock balance assistant arm system
- 3 way syringe, 2 pieces (1 set for warm and other for cool dental applications)

- Water suction machine and saliva ejector, 1 set each
- Dental handpiece tubes
- Refluence prevention device and the built-in Water purifier
- Automatic water heater
- Surgical light
- DCX-ray film viewer
- Display system of the handpiece's air pressure
- Dentist stool, 1 piece

**DALDC-3000****SPECIFICATION**

- SPECIFICATION
- Overall system controlled by the electric valve
- ED system have 3 memory positions
- Plastic pipe
- DC motor
- Air spring
- Assistant controlled system
- Air-lock balance assistant arm system
- Dental handpiece tubes
- 3 way syringe, 2 pieces (1 set for warm and other for cool dental applications)

- Modern style water suction machine and saliva ejector (with switch), 1 set each
- Refluence prevention device and the built-in water purifier
- Swiveling cuspidor
- Automatic heating water system
- Inductive surgical light
- ACX-ray film viewer
- Display system of the H.P.'s air pressure
- Dentist stool, 2 pieces

**DALDC-3600****SPECIFICATION**

- Imported original Italian (Tecnodent) patient chair
- Plastic injection model
- Automatic assistant arm, electronically controlled
- Non-vacuum pump based suction machine
- 3 way syringe, 2 pieces (1 set for warm and other for cool dental applications)
- Imported original Italian surgical light
- Built-in water purifier
- Built-in cleaning and disinfection function for the unit's internalized water piping system.
- Swiveling cuspidor, easy to clean
- Automatic water heater
- ACX-ray film viewer
- Dentist stool, 2 pieces

**DALDC-8000-IB****SPECIFICATION**

- Dinosaur chair or blue cat
- 4 hole high speed
- HP tube: 2 PCS
- 4 hole low speed
- HP tube: 1 PC
- Flowerly halogen lamp without sensor
- LCD movie displayer with 4G memory card and card reader
- Fish instrument tray
- Vacuum pump suction system
- X-ray viewer
- 3-way syringe: 2 pcs
- Dentist stool: 2 pcs
- Multiple-function foot controller

## DENTAL STERILIZER

**DALDC-3600****SPECIFICATION**

- Sterilizer for Dental
- The new design model with opening water tank on the top, strictly meets the standard of EN13060, which makes wash and cleaning much more convenient
- It adopts European B standard with 3 times pre-vacuum preceding vacuum drying. Residual humidity is less than 0.2%
- Vacuum measurement reaches 0.8 bar. It sterilizes and sanitizes miscellaneous packed or unpacked medical instruments. Whether solid or A-type hollow, whether with multi-apertures or inset pipes. It efficiently tides air from every hollow area of any hollow instrument, such as headpieces, making sure that water steam reaches every corner
- It is controlled fuzzily by all round computerized, digital displayed brightly; the interface is modularized panel for easy operation
- It is installed with BOWIE&DICK which measures the penetration of water steam Mini printer can be attached to record the process of sterilization

Model	Voltage/ Power	Chamber Size (mm)	Outside Size (mm)	Packing Size (mm)	Net Weight (kg)
IIC12	220V/1400W	192 *340	441*567*388	500*633*437	44
IIC18	220V/1500W	245 *340	435*606*392	500*633*437	47
IIC23	220V/1700W	245 *470	435*716*392	500*743*437	53

Model	Tank Size L×W×H(m)	Unit Size L×W×H(mm)	Volume (L)	Ultrasonic Power (W)	IRW- 2000 (kHz)	Tank Size (W)	Tank Size (MIN)	IRW- 2000 (°C)
010S	150×135×1	175×160×2	2	60	40	100	1-30	0-80
020S	240×135×1	265×165×2	3.2	120		100		
030S	300×150×1	325×180×2	4.5	180		200		
031S	300×150×1	325×180×2	6.5	180		200		
040S	300×240×1	325×265×2	10.8	240		200		
060S	330×300×1	360×325×2	15	360		300		
080S	500×300×1	530×325×2	22	480		500		
100S	500×300×2	530×325×3	30	600		500		



## DENTAL X-RAY SYSTEM

**DALDX-10B**



**DALDX-10P**



**DALDX-10D**



Model	DXM-10B	DXM-10D	DXM-10P (High Frequency)
<b>Location Mode</b>	Wall-mounted	Mobile	Portable
<b>Power Supply</b>	AC 220V±10% or AC110V±10%		AC 220V±10% or
<b>Tube Voltage</b>	70kVp		60kVp
<b>Tube Current</b>	8mA		1.2mA
<b>Exposure Time</b>	0.2-4s		0.02-4s
<b>Focus Size</b>	1.5mm	0.3	x0.3mm
<b>Total Filtration</b>	2.5MMAL		
<b>Radiation Leak</b>	Outside one meter ≤0.002mGy/h (National Standard: 0.25mGy/h)		



ULTRASONIC SCALER



IMAGE SENSOR



DENTAL DEVELOPER



HANDPIECE LUBRICATOR



WATER DISTILLER



ULTRASONIC CLEANER



INNER-ORAL CAMERA



LED DENTAL CURING LIGHT



LOW SPEED HANDPIECE



AMALGAMATOR



TECHNICIAN STOOL

PLASTER PINHOLE  
DRILLINGDENTURE INJECTION  
SYSTEM

DENTAL CABINET

SINGLE WORKER DENTAL  
LAB WORKING TABLETWO WORKERS DENTAL  
LAB WORKING TABLE

### DALBI2000



#### SPECIFICATION

- AC Power Supply: AC220V-230V, 50Hz
- DC Power Supply: DC12V/10A or DC24V/6A
- Input Power: 400VA
- Control Mode: air mode & baby mode controlled by micro-computer
- Control Range of Air temperature: 25°C-37°C (override mode 37-38°C)
- Control Range of Infant Temperature: 34°C-37°C (override mode 37-37.5°C)
- Failure Alarms: over-temperature alarm, temperature deviation alarm, sensor alarm, motorized fan failure alarm, power failure alarm and many more
- Accuracy of Skin Temperature Sensor:  $\leq 0.3^{\circ}\text{C}$

- Temperature Variability:  $\leq 1.0^{\circ}\text{C}$
- Temperature Uniformity:  $\leq 1.5^{\circ}\text{C}$
- Noise Level within Canopy:  $\leq 60\text{dB(A)}$
- Operating Time of Internal Battery: 90 min (1 internal battery)

#### STANDARD CONFIGURATION

- Full-featured incubator able to converts from incubator to radiant warmer
- Main Unit (Acrylic glass canopy, temperature controller, bassinet, internal battery, and observation lamp), oxygen cylinders, oxygen supply system, skin temperature sensor, IV stand, mattress, adjustable stand)
- Optional Configuration:  $>37^{\circ}\text{C}$  Temperature Override Mode

### INFANT RADIANT WARMER

### DALIRW-300



#### FEATURES

- Pre-warming mode, manual mode and baby mode controlled by micro-computer
- LCD display with temperature data storage and curve display function
- Multiple failure alarm indication
- Horizon angle of heater head and bassinet inclination adjustable
- Built-in LED phototherapy function
- Panels around bassinet can be turned outward
- Silicon mattress is can be warmed and temperature is controllable
- APGAR timer
- Vertical Height Adjustment (VHA) stand

#### SPECIFICATIONS

- Power Supply: AC220V-230V/50Hz or AC110-120V/50-60Hz
- Maximum Power Output:  $\leq 900\text{VA}$
- Control Mode: pre-warming mode, manual mode and baby mode are controlled by micro-computer)
- Baby Mode Temperature Control Range: 34.5-37.5°C
- Adjustable Range of Mattress Warming: 25-38°C

- Temperature Uniformity of Mattress:  $\leq 2^{\circ}\text{C}$
- Angle of Warming Module:  $\pm 60^{\circ}$
- Bassinet Inclination: maximum angle of upward tilt;  $20^{\circ}$ , maximum angle of downward tilt;  $20^{\circ}$
- Accuracy of Skin Temperature Sensor:  $\pm 0.3^{\circ}\text{C}$
- APGAR Timer: emits audible tones at 1', 5', 10' increments
- Failure Alarms: over temperature alarm, deviation alarm, sensor failure alarm,
- power failure alarm, setting alarm, checking alarm and many more
- Maximum Bilirubin of Radiation on Mattress (effective range):  $0.8\text{mw/cm}^2$
- Bilirubin Uniformity of Radiation on Mattress (effective range):  $>0.4$

#### STANDARD CONFIGURATION

- Main Unit (warming module, controller, bassinet, main column and VHA stand)
- Skin Temperature Sensor
- IV Stand
- Silicon Mattress
- Trays & Panels

### INFANT RESUSCITATION SYSTEM

### DALBQ070



The T-piece Infant Resuscitation System is designed to establish a clear airway, delivering oxygen or air/oxygen mixtures required by resuscitation of infants.

### DALIP-100



#### SPECIFICATION

- Use blue tube or LED as light source
- LED Digital Timer: display therapy time & total LED usage time
- Adjustable mobile lifting stand, lamp unit can be tilted at 30°/60°/90°

### DALIP-200



#### SPECIFICATION

- LED light source
- LED Digital Timer: display therapy time & total LED usage time
- Standard alone jaundice treatment device, can positioned over any neonatal incubator that utilizes a transparent canopy

### DALIP-400



#### SPECIFICATION

- LED light source
- LED Digital Timer: display therapy time & total LED usage time

### JAUNDICE METER



#### SPECIFICATION

- Display: LCD, 3 figures
- Power: AA 1.5V×2 batteries
- Indicator light for ready: Green
- Measurement range: 0.0mg/dL~30.0mg/dL
- Measurement accuracy: low+1.0mg/dL(+17μmol/L, rest±1.5mg/dL(±25.5μmol/))
- Preparation time: <12 seconds
- Record function: Memory 20 latest measuring results and circularly reviews recorded data
- Reexamination rate: <10%

**DALPOS-2008****SPECIFICATION**

- Magnification of binocular: 8X
- Binocular: 0-180° inclinable
- Magnification of eyepiece: 12.5X
- Interpupillary distance: 50mm-80mm
- Diopter:  $\pm 7D$
- Focal length of objective: F=200mm and F=250mm two objectives
- Magnification changer: 3-step: 0.6X, 1X, 1.6X
- Total magnification: 4.8X, 8X, 12.8X, 6X, 10X, 16X
- Linear field: 50mm, 30mm, 19mm, 40mm, 24mm, 15mm
- Fine focusing distance: 10mm
- Illumination: Coaxial illumination with 10W LED lamp light source, brightness adjustable, illumination >40000lx
- Filter: Build-in green and yellow filters

- Balancing arm: 2-part arm with universal joints, counterweight adjustable and can be locked
- Floor stand: 2-part column fitted on the five-star base with casters
- Power supply: AC100V-AC240V
- Optional accessories: Beamsplitter, Video camera adapter, Demonstrator, Camera
- (U3CMOS03100KPA, XCAM1080PHA, WUCAM0720PA, ICMOS03100KPA, VGA200, WK-73X10, WK-73X10H), SLR camera adapter, Monitor (S22E360H, S22F350FH,
- P72P), Eyepiece 10X, Objective F=300mm & F=400mm, F=200mm-300mm zoom objective, Table mount clamp, Wall mount bracket, GM112B Monitor mount

**ENDOSCOPE VIDEO SYSTEM****GASTROINTESTINAL & COLONO VIDEO ENDOSCOPY SYSTEM****FEATURES**

- Exceptional Optical System
- Superior-high resolution imaging:
- 440K pixel color Charge Coupled
- Device (CCD) produces world class images, crystal clear resolution, and realistic color quality
- Circular imaging design allows for an easier and clearer observational experience
- Multifunctional lightweight compact design allows the endoscope to maneuver through small and tight spaces with relative ease
- Long life and mutable air pump
- Freeze Frame Features:
- 4-images; frozen and stored continuously
- 4-images; shown simultaneously
- 4-images; playback scrolling

- Any part of a single image is enlargeable
- Equipped with picture-in-picture feature to support and enhance visual examination

**HIGHLY LUMINESCENT LIGHT SOURCE**

- Minimal power, high luminance light source, freely adjustable brightness that doesn't affect light color

**PC CONNECTIVITY**

- PC connectivity greatly increases system functionality, permitting increase image capture & storage, and provides the ability to record system data such as: patient's name, gender, age, physician's name, description, diagnosis and much more.
- PC connectivity also enables printing of reports with images and data

System	Colono Video Endoscope	Gastrointestinal Video Endoscope
<b>Diameter of Insertion Tube</b>	13mm	9.8mm
<b>Outer Diameter</b>	13.4mm	9.8mm
<b>Working Length</b>	1330mm	1050mm
<b>Instrument Channel Diameter</b>	3.2mm	2.8mm
<b>Field of View</b>	120°	120°
<b>Depth of Field</b>	3-100mm	3-100mm
<b>Center Resolution</b>	$\geq 7.41\text{Lp/mm}$	$\geq 7.41\text{Lp/mm}$
<b>Maximum Angulations</b>	180°Up/Down, 160°Right/ Left	210°Up, 90°Down, 100°Right/Left
<b>Water Flow Rate</b>	$\geq 45\text{ml/min}$	$\geq 40\text{ml/min}$
<b>Air Flow Rate</b>	$\geq 800\text{ml/min}$	$\geq 800\text{ml/min}$
<b>Suction Flow Rate</b>	$\geq 400\text{ml/min}$	$\geq 400\text{ml/min}$



**DALPOY-211****SPECIFICATION**

- Observation Angle: 45° tilted
- Magnification of Eyepiece: 16x
- Focal Length of Objective: F=300mm
- Magnification Changer: 5-step: 0.4x, 0.6x, 1x, 1.5x, 2.5x
- Total Magnification: 3x, 4.5x, 6.6x, 10x, 16x
- Visual Field: 85mm, 52mm, 35mm, 24mm, 14mm
- Interpupillary Distance: 55-75mm
- Diopter:  $\pm 5D$
- Fine Focus Distance: 20mm
- Illumination System: coaxial illumination with 10W LED lamp, brightness adjustable
- Illumination Intensity: 21000lx at 300mm working distance
- Filter: built-in green & blue filter
- Equipped with beam splitter, TV adapter and demonstrator

**DIGITAL COLPOSCOPE IMAGING SYSTEM****DALPOY-2200**

OPTICAL SYSTEM					
Binocular Eyepiece Focus	160mm, Built-in accurate measurement ruler				
Eyepiece	12.5x, wide-angle vision adjustment (refraction adjustment) 0±5D				
Working Distance	300mm				
Eye-distance Adjustment Range	50-75mm				
Micro-focus Range	0-40mm				
Image Collection Raster	F4.5-F32				
Cold Light Source	green filter				
Light Illumination	≥60000lx				
Magnification Level of Optics	3-20 times				
CAMERA SYSTEM					
Type	1/3" color CCD camera, Automatic focus				
Resolution Level	≥480lines				
Minimum Illumination	0.1lx				
Effective Pixilation	≥48Megapixel				
Signal Noise Ratio of Lens	≥50dB				
EYEPIECE MAGNIFICATION TIMES & FIELD OF VIEW					
Input Data	0.4	0.6	1	1.6	2.5
Magnification Level	3.4	5.1	8.5	13.6	21.3
Diameter of Field-of-view	75mm	50mm	30mm	19mm	12mm

**FEATURES**

- 5-gear optical system: zoom, focus,
- robust 3D sensor, distinctive gradation & wide view
- Equipped with Optical Ocular ruler; able to accurately measure the size of diseased and affected regions
- Integrated dual path optical cold
- light source, fiber optical conduction with adjustable brightness
- Featured green filter permits straightforward visual observation of capillaries at diseased regions
- High definition color CCD
- Flexible and user-friendly spring loaded support bracket can be locked and adjusted to any angle

Proprietary graded beam splitting design with CCD imaging vernier enables the generation of 3-dimensional images, thus facilitating a more comprehensive examination of diseased tissues and regions

**STANDARD CONFIGURATION**

- Colposcope Digital System (software with capture card): 1 piece
- CCD (WATEC) lens with LED cold light source, stand; 1 piece
- Trolley: 1 piece
- Computer: 1 piece
- Display screen: 1 piece
- Printer: 1 piece

**DALENT-E300****DALENT-320****DALENT-320B**

Component	Note
LED Illuminating Light	1
Spray Gun (Unbent 2&Bent 1)	3
Suction Gun	1
Laryngoscope Preheater	1
Instrument Tray	1
Medical Bottle	2
Tweezers Cup	4
Cotton Cup	2
Compressor	1
Vacuum Pump	1
Blow-Off Equipment System(Warning System)	1
Doctor Stool	1

Component	Quantity	Note
Table	1 pc	marble tabletop
Washing Syringe	1 pc (curved), 2 pcs (straight)	copper & stainless steel
Suction System	1 pc	stainless steel
Insufflation System	1 pc	stainless steel
Projection Lamp & Support Arm	1 pc	≥50W illumination≥1x104lx
Instrument Tray	1 pc	stainless steel
Gauze Container	2 pcs	stainless steel
Liquid Medicine Bottle	6 pcs	glass
Anti-fog Device	1 set	with sensor
X-ray Viewer	1 pc	film lamp

Component	Quantity	Note
Mainframe	1 pc	marble board
Washing Syringe	1 pc (curved), 2 pcs (straight)	copper
Suction System	1 pc	copper
Projection Lamp & Support	1 pc≥50W	illumination≥1x104lx
Instrument Tray	2 pcs	stainless steel
Cotton Jar	4 pcs	stainless steel
Anti Fog Heater	1 set	
Liquid Medicine Bottle	6 pcs	glass
Endoscope	1 pc	Sinoscope 0 degree
CCD Camera	1 set	520TV/line
Cold Light Source	1 set	Xenon light 250W
Computer	1 set	features English
Foot Captor	1 pc	for PC
LCD Display	1 set	19" LCD
LCD Monitor	1 set	Samsung 17"
Color Printer	1 set	HP brand
X-ray Viewer	1 set	X-ray screen

Compressor Pump: 80W 1 pc

**SPECIFICATION**

- Spray Rod, Positive Pressure of Insufflation
- System: 0.1MPa-0.15MPa (Adjustable)
- Negative Pressure of Suction Tube:
- ≥0.07MPa (Adjustable)

- Suction (Vacuum) Pump: 370W; 2500CC main suction apparatus 1 pc
- Power Supply: 220-240VAC, 50-60Hz,1000VA
- Preheated Anti-fog Device: 300W

### DALPOS-2001



Model	POS-2001											
Focal Length of Objective	F=200mm			F=200mm (optional)			F=300mm			F=400mm (optional)		
Magnification on	1.6	1X	0.6	1.6	1X	0.6	1.6	1X	0.6	1.6	1X	0.6
Total Magnification	12	7.5	4.7	9.6	6X	3.7	8X	5X	3X	6X	3.8	2.3
Linear Field (mm)	15.8	25.3	40.6	19.7	31.6	50.7	23.6	37.9	60.8	31.5	50.9	81
Exit Pupil Diameter (mm)	1.04	1.66	1.66	1.04	1.66	1.66	1.04	1.66	1.66	1.04	1.66	1.66
Exit Pupil Distance (mm)	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
Resolution (LP/mm)	67	44.5	29.7	60	35.4	27	47.2	31.5	23.6	35	27	19.6

#### FEATURES

- Operation Microscopes using LED light source for coaxial illumination, have different working distance and magnification. They are featured for flexible handling and easy operation. They can be used for micro-operation in ear-nose-throat, dental, ophthalmology, gynecology and surgery

### WALL MOUNTED ENT DIAGNOSTIC SET



#### Configuration:

- Wall-mounted composed of ophthalmoscope, otoscope, nasal speculum, electronic thermometer (Forehead and ear type), storage box and hanging plate etc. The battery handle is sharing. Light
- can be adjusted via key control Power is AC 110~240V, 47~63HZ
- Optional parts are tongue depressor, finger clip type pulse oximeter and bloodglucose meter

#### Ophthalmoscope:

- Illumination form: small spot, middle spot, big spot, central net, cobalt blue filter, slit
- Compensation filter: Polarizing filter, no red green filter
- Diopter Compensation: 25~+40D

#### Otoscope:

- Circle form optical fiber transmission
- Size of the aural speculum 2.5, 3, 4.5mm
- Magnifier: more than 3 times
- Fiber transmission

#### Electronic thermometer:

- Temperature measurement range: 34°C-43°C
- Temperature measurement precision:  $\leq \pm 0.2^\circ\text{C}$

#### Mechanical spring blood pressure meter:

- Composed of meter, band and air ball
- Blood pressure gauge: 0 - 300 mmHg
- Upper-arm measurement manual measurement
- Data error  $\pm 3.75\text{mmHg}$
- Storage box: 4 kinds of various size aural speculum. Other consumables can also be stored inside

### OTHER MEDICAL OPTOELECTRONICS EQUIPMENT

#### ENT PATIENT CHAIR



#### AUDIOMETER



#### ENT DIAGNOSTIC SET



#### OPHTHALMOSCOPE



#### OTOSCOPE



#### LARYNGOSCOPE



**DALPOL-01****DALPOL-01**

STANDARD MOBILE BASE

**SLIT LAMP PROPERTIES**

<b>Microscope Type</b>	Converging Stereoscope
<b>Magnification</b>	2 step magnifications
<b>Eye Piece</b>	10x
<b>Total Magnification &amp; Visual Field Diameter</b>	16x(φ14.5mm), 10x(φ18mm)
<b>Pupil Distance (Adjustable Range)</b>	52mm-80mm
<b>Adjustable Diopter</b>	+5D~-5D
<b>BASE</b>	
<b>Left Right Movement</b>	110mm
<b>Forward Back Movement</b>	90mm
<b>CHIN REST</b>	
<b>Up Down Movement</b>	80mm
<b>Fixation Lamp</b>	RED LED
<b>Slit Width</b>	0~10mm continuous (at 10mm, slit becomes a circle)
<b>ILLUMINATION PROPERTIES</b>	
<b>Light Spot Diameter</b>	10mm, 3mm, 1mm, 0.2mm
<b>Filter</b>	Heat absorption, Red-free, Cobalt blue
<b>Bulb Illumination</b>	12V 50W halogen lamp
<b>POWER</b>	
<b>Input Voltage</b>	220V
<b>Frequency</b>	50Hz
<b>Power Consumption</b>	68VA

**DALPOL-6A**

Model		POL-6A
Microscope	<b>Microscope Type</b>	Galilean stereoscopic microscope
	<b>Magnification selection</b>	5 steps by drum rotation
	<b>Eyepiece</b>	12.5x
	<b>Magnification Ratio (Field of view)</b>	6x(φ33mm), 10x(φ22.5), 16x(φ14mm), 25x(φ8.8mm), 40x(φ5.5mm)
	<b>PD adjustment</b>	50mm~82mm
	<b>Diopter Adjustment</b>	+7D~-7D
Base	<b>Side Shift</b>	110mm
	<b>Depth Shift</b>	90mm
	<b>Height Shift</b>	30mm
	<b>Height Shift</b>	80mm
	<b>Fixation Target</b>	red LED
Illumination System	<b>Slit width</b>	0~14mm continuous (at 14mm, slit becomes a circle)
	<b>Slit height</b>	1~14mm continuous
	<b>Slit angle Slit Inclination</b>	0 ~ 180° continuous
	<b>Light spot diameter</b>	0, 5°, 10°, 15°, 20° φ14mm, φ10mm, φ5mm, φ3mm, φ2mm, φ1mm, φ0.2mm and 1-14mm
	<b>Filter</b>	Heat absorption ,Grey ,Red-Free ,Cobalt Blue
Power	<b>Illumination bulb</b>	12V 50W halogen lamp
	<b>Input voltage frequency</b>	110V /220V
	<b>Power consumption</b>	50H 68VA
Weight and size	<b>G.W / N.W</b>	18kg / 16kg
	<b>Main dimension</b>	690mm(L)× 440mm(W)× 420mm(H)



**DALPOL-88D****DIGITAL SLIT LAMP  
PROCESSING SYSTEM****SPECIFICATION****Professional collection media**

- The instrument SLR camera as a collection media, real-time dynamic display, clear and vivid images, fast image acquisition

**Camera Shortcut**

- External shooting device spotted lesions touch of a capture clear picture immediately
- Powerful image processing functions measure length, area, Angle, grayscale, curvature, label the lesions in the picture and add text

**High-definition image**

- The instrument is capable of shooting photos of up to 18 million pixels, and offers up to 40x magnification, completely show the details, to meet the demanding requirements of the medical image, enable the lesions to be show more clearly

**A diagnostic aid**

- Provide a variety of common eye checkup mode parameter set to improve examination efficiency
- With medical records management and output
- Case report can be saved, manage, print

**Configuration**

- 1.Slit Lamp
- 2.camera Interface( splitter / adapter )
- 3.Professional digital single lens reflex camera
- 4.Slit lamp processing system
- 5.PC computer (optional)
6. High-definition ink-jet printer (optional)



## Operating Microscope For Ophthalmology

**DALPOS-2003**

Model	POS-2003
<b>Binocular Observation</b>	45° Tilted
<b>Magnification of</b>	6X
<b>Interpupillary Distance</b>	50mm~80mm
<b>Diopter</b>	±5D
<b>Magnification Changer</b>	3-step Magnification Change: 0.6X, 1X, 1.6X
<b>Focal Length of Objective</b>	Two Objectives: F=200mm &
<b>Total Magnification</b>	3X, 5X, 8X, 4.7X, 7.5X, 12X
<b>Linear Field</b>	60.8mm, 37.9mm, 23.6mm, 40.6mm, 25.3mm,
<b>Beamsplitter</b>	50:50 Beamsplitter
<b>Video Camera Adapter</b>	C-mount 1/3 inch Video Camera Attachable
<b>Fine Focusing Range</b>	10mm
<b>Filter</b>	Built-in green and yellow filters
<b>Balancing Arm</b>	2-part Arm with Universal Joints, Counterweight Adjustable and Can Be Locked
<b>Illumination System</b>	Coaxial Illumination with 10W LED Lamp Light Source, Brightness Adjustable,
<b>Stand</b>	2-part Column Fitted on the Five-star Base with
<b>Optional Accessories</b>	Demonstrator, Camera (U3CMOS03100KPA, XCAM1080PHA, WUCAM0720PA, ICMOS03100KPA, VGA200, WK-73X10,WK-73X10H), SLR Camera Adapter, Monitor (S22E360H, H22F350FH, P72P), Objective F=250mm & F=400mm, Table Mount Clamp, Wall Mount Bracket

**DALRM-9000**



Model	RM-9000
<b>Measurement Range</b>	Sphere -20D~+20D (VD=12mm) 0.125D/0.25D
	Cylinder -8D~+8D 0.125D/0.25D steps
	Axis angle 1°~180° 1°steps
<b>Pupillary Distance</b>	45~85mm 1mm steps
<b>Vertex Distance</b>	0/12/13.75/15mm
<b>Minimum Pupil Diameter</b>	φ 2.0mm
<b>Chart</b>	Auto Fog Chart
<b>Date Saving</b>	10 Measured values for both eyes
<b>Display</b>	5.7" LCD(color)
<b>Print</b>	Built-in Thermal Printer
<b>Power Supply</b>	AC 220V ,50Hz or 110V, 60Hz
<b>Dimensions/Weight</b>	288(W)*500(D)*480(H) 14kg
<b>Output</b>	RS-232
<b>Power Save</b>	5/10 min (Selectable)

AUTO LENSMETER

**DALTL-6500**



Model	TL-6500
	Measurement Range
<b>Sph. Lenses</b>	0~±25D
<b>Cyl. Lenses</b>	0~±10D
<b>Cyl. Axis Angle</b>	0~180°
<b>Prism</b>	0~10 △
<b>ADD</b>	0~10D
<b>Power Supply</b>	AC 100~240V, 50/60HZ, 30W
<b>Dimension</b>	215(W)×252(D)×428(H)
<b>Weight</b>	5.0kg

OPHTHALMIC UNIT

**DALTCS-760**



Model	TSC-760
<b>Table size</b>	1000mm(L)*500mm(W)*30mm(H)
<b>Elevation range for table</b>	698mm-848mm
<b>Elevation range for chair</b>	600mm~750mm
<b>Input voltage</b>	110V/60HZ or 220V/50HZ
<b>Size of the sliding board</b>	420mm(L)*290mm(W)*20mm(H)

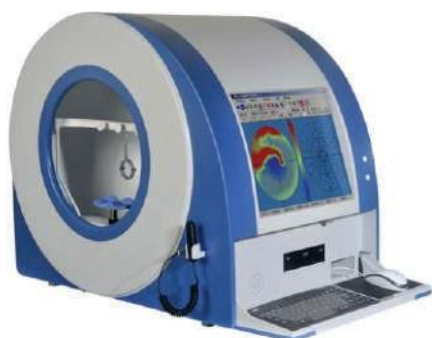
### DALACB-1000



Model	ACP-1000
<b>Projection distance</b>	1.5m ~ 6m
<b>Projection</b>	30 x (at 5m)
<b>Projection size</b>	330mm(W) x270mm(H) (at 5m)
<b>Chart</b>	30 different pattern
<b>Speed of chart conversion</b>	One chart per 0.01~0.02s
<b>Mask</b>	1 open, 5 horizontal lines,8 vertical lines, 21 single letters, 1 red/green
<b>speed of mask conversion</b>	One mask per 0.03s
<b>Program</b>	2 sets programs, each program contains up to 30 steps
<b>Light source</b>	12V,50W Halogen Lamp
<b>Auto-off function</b>	After 10 minutes idle time.
<b>Power source</b>	AC 220V ,50Hz or 110V, 60Hz
<b>Power consumption</b>	80W
<b>Dimensions</b>	300mm(L) x 230mm(W) x 240mm(H)
<b>Net weight</b>	6Kg
<b>Accessories</b>	Remote control, Polarized metal screen, halogen lamp, polarized glasses, fuses(2), batteries(2)
<b>Optional accessories</b>	Floor stand, wall stand

### TRADITIONAL PERIMETER

#### DALAPS-6000



#### SPECIFICATION

- Radius of stimulator: 300mm±5mm
- Stimulating source of LED
- Two visual lights: yellow and red
- Stimulating strength: From 0nt (0asb) to 318.310nt (1000asb), have 14 degree to adjust, the error is ±10%
- i. Error of background brightness: 4asb±10%
- ii. Light spot: Diameter is 2mm +/- 0.25mm
- iii. The number of stimulating and the stimulating time:  
A. 388 spots (Red light: 61spots, yellow: 327spots)  
B: stimulating retention time: 0.2s--2.0s, the program can adjust (±5%)  
C: stimulating spacing interval: 0.5s --2.0s, the program can adjust (±5%)
- iv. Window of eye-position tracking: White-black CCD, directly tracking the testing eye
- v. The length of chin rest: up-down: 80mm±10%; right-left 115mm±10%
- Eye position tracking: When blinking, the system will alarm automatically

### FUNDUS CAMERA / RETINA CAMERA

#### DALAPS-D



#### SPECIFICATION

- Working Distance: The distance from cornea is 40mm, Errors: ±2mm
- Field of Vision Scope: 45°
- The Size of Outer Ring: φ7.4mm
- The Size of Inner Ring: φ4mm
- Filters: Stimulating Filter (red&blue)
- Depth of field contraction distance: ≥5mm

#### Seat Movement Scope

- The moving distance between the front and back: 60mm
- The moving distance between right and left: 120mm
- The moving distance between up and down: 30mm

#### Function

- Non-mydratic
- Auto detected the eye position
- Pupil size: 3mm
- Illumination source: infrared
- Auto /manual focus
- Auto adjust flash intensity /illumination intensity according patient pupil size
- Five internal fixation lamp/external fixation lamp
- Nine internal fixation: option
- Refractive compensation: +15D
- Image resolution: 16.2Mega with Nikon D5200
- Dicom 3.0 interface (optional)

**DALAPS-T90**

- Spherical Radius: 175mm  $\pm$  5mm
- Stimulus Light Intensity: 0-10000asb ( $\pm$  10%)
- Projection Light: red, blue, white (wideband visible light).
- Dynamic Range: 0-51DB
- Background Light: yellow and white
- Background Light intensity:
  - a) Background Light: White, light intensity 31.5asb ( $\pm$  10%)
  - b) Background Light: yellow light used OG530 lenses; backlight intensity 315asb ( $\pm$  10%)
- Spot Size:
  - a) Class I : the angle of 0.11 ° ( $\pm$  10%); stimulus as the standard size (30 cm Bowl) 1/4mm<sup>2</sup>  $\pm$  ( $\pm$  10%)
  - b) Class II : Diagonal 0.22 ° ( $\pm$  10%) to; stimulus as the standard size (30 cm Bowl) 1mm<sup>2</sup>  $\pm$  ( $\pm$  10%)
  - c) Class III : the angle of 0.43 ° ( $\pm$  10%); stimulus as the standard size (30 cm Bowl) 4mm<sup>2</sup>  $\pm$  ( $\pm$  10%)
- d) Class IV: the angle of 0.86 ° ( $\pm$  10%); stimulus as the standard size (30 cm Bowl) 16mm<sup>2</sup>  $\pm$  ( $\pm$  10%)
- e) Class V : the angle 1.72 ° ( $\pm$  10%); stimulus as the standard size (30 cm Bowl) 64mm<sup>2</sup>  $\pm$  ( $\pm$  10%)
- Stimulation Points Number and Stimulation Time:
  - a) Stimulation Point: not fixed
  - b) Stimulus Duration: adjustable from 0.1s to 2.0s program ( $\pm$  5%)
  - c) Interval: adjustable from 0.1s to 2.0s program ( $\pm$  5%)
- Eye Position Monitoring Window: CCD camera, directly monitor the eyes
- Chinrest Stroke: down  $\geq$  50mm ( $\pm$  5%) around  $\geq$  28mm ( $\pm$  5%)
- Eye Tracking: eye movements or eye blinking, the system will alarm (monitoring the "Start eye movement detection" Open)

## AUTOMATIC VISION TESTER

**DALCV-7200**

Model	CV-7200
<b>Sphere</b>	-19.00D~+16.75D 0.12D/0.25D/0.50D/1.00D/3.00D steps
<b>Cylinder</b>	-6.00D~+6.00D 0.25D steps
<b>Axis angle</b>	0~180° (1°/5°steps)
<b>Pupillary Distance</b>	Distant range: 52~80mm 0.5/1mm steps Close range: 50~80mm 0.5/1mm steps
<b>Rotary Prism</b>	0~20 0.1 /0.5 /1.0steps
<b>Cross Cylinder Lens</b>	$\pm$ 0.25D
<b>Plane Retinoscope</b>	+1.50D(67cm) +2.00D(50cm)
<b>Auxiliary Lens</b>	PH Binocular(1.0mm)
	RMV,RMH
	RL(Right eye),GL(Left eye)
	Polaroid(Right eye 135°/45°; Left eye 45°/135°)
	Prism(Right 6BU ,Left 10BI)
	Cross Cylinder Lens ( $\pm$ 0.50D Axis=90°)
	PD Lens
<b>Phoropter Size</b>	365mm×280mm×110mm 3.8kg
<b>Keyboard Size</b>	230mm×195mm×190mm 1.2kg
<b>Power Box Size</b>	236mm×126mm×115mm 2.1kg
<b>Power Supply</b>	AC 220V 50HZ or AC 110V 60HZ,90W
<b>Net Weight</b>	7.1kg

## OPHTHALMIC A/B SCAN

**DALCS-2000****A probe Detecting**

- Probe Frequency: 10MHZ Error $\pm$ 0.5 MHZ
- Precision: 0.05mm
- Measurement parameters: ACD depth, lens, axial length, and its average
- IOL Calculation: SRK/II, SRK/T, Holladay, SCDK, Hoffer-Q
- Data Processing: IOL table
- Operation: Automatic, Manual
- Information storage: Mass memory Build-in Case data
- Images reports: External high definition ink-jet printer

**B probe Detecting**

- B probe mode: Mechanic Sector scans
- Scan angle: 53°
- Detect Depth: 50mm
- Probe frequency: 10 MHZ Error $\pm$ 0.5 MHZ
- Resolution: Vertical $\leq$ 0.5mm, Lateral $\leq$ 1.0mm
- Gray Scale: 256
- Display Mode: B; B+B; B+A
- Storage: 10 Frames
- Image Post Processing: Brightness, Contrast, Smooth, Sharp, stretch, Equalize, etc



**DALCM-1800**

Model	CM-1800
<b>Display:</b>	19" LCD (color)
<b>Brightness</b>	250 cd/m2
<b>Chart versions</b>	E, C, ABC, 123, c hild, special version charts
<b>Chart acuity</b>	6/3-6/150 20/10-20/500 0.04-2.0
<b>Distance</b>	2.0 ~ 7.0m
<b>Power supply</b>	Input: AC 110~220V AC±10%,50/60Hz
<b>Power consumption</b>	<=45w
<b>Dimension</b>	455mm (L) x 420mm(W) x 110mm(H)
<b>Weight</b>	4.2kg(Net. Weight)
<b>Remote</b>	IR
<b>Batteries for remote control</b>	3A

**DALNV-100**

## NEAR VISION TESTER

Model	NV-100
<b>Test Distance</b>	36cm
<b>Distant Control</b>	60cm
<b>Size</b>	220(H)×210(W)×42(D)mm
<b>Weight</b>	780g
<b>Power Supply</b>	LR6 AA/1.5V×3

**DALLE-300**

## AUTO LENS EDGER

Model	LE-300
<b>The size of Diamond wheel: (The diameter and width of Grinding wheel)mm</b>	CR Wheel : 110x16    Glass Wheel :100x16 V Groove Wheel:100x23    Polishing Wheel: 100x11
<b>Available lens range:</b>	22mm~100mm
<b>The processing type:</b>	pointy edges, platband , flat polishing
<b>The lens material:</b>	CR, Glass
<b>Production size:</b>	510Lx490Wx400H (mm)
<b>Package size:</b>	770Lx710Wx630H (mm)
<b>Weight:</b>	49KG
<b>Voltage:</b>	Voltage:220V±10% frequency:50Hz
<b>Power:</b>	500W

## LENS METER

Model	LM-80
<b>Spherical degree:</b>	0 D~±20 D
<b>Cylindrical degree:</b>	0 D~±10.00 D
<b>Axis for astigmatism:</b>	0° ~180°
<b>Under plus degree:</b>	0 D~+10.00 D
<b>Prism degree:</b>	0cm/m~6.00cm/m
<b>Diopter step:</b>	0.01 D /0.12 D /0.25 D
<b>Prism step:</b>	0.01cm/m/0.12cm/m/0.25cm/m
<b>Cylinder:</b>	+, ±, -
<b>Prism:</b>	X-Y, P-B
<b>Speed of measurement:</b>	0.2s
<b>Lens size:</b>	18 mm~110mm
<b>Show:</b>	1024*600 color touch screen
<b>Printer:</b>	Thermal printer
<b>Power :</b>	AC 100~240V 60/50Hz 35VA
<b>Max power :</b>	55W
<b>Weight:</b>	About 6kg
<b>Product size:</b>	290Lx 200Wx 450H
<b>Package size:</b>	470Lx 370Wx 670H
<b>Power Supply</b>	LR6 AA/1.5V×3

**DALLM-80**

**DALEG-6600****SPECIFICATION**

- Main Unit
- A/D Conversion Resolution: 16 Bit
- Sampling Rate: 200kHz
- Analysis Time: 5-5000ms
- Stimulator Frequency: 0.1-50Hz
- Amplifier Component
- Wireless transmitter, 1 piece
- 4-channel Amplifier
- Sensitivity: 0.05 $\mu$ V-20mV/Grid
- Noise (Earth): EMG  $\leq$ 4 $\mu$ V(Vpp)
- Evoked Potential (EP)  $\leq$ 0.1 $\mu$ V (Vpp)
- (1000 times within average)
- Common Mode Rejection Ratio (CMRR):  $\geq$ 100dB
- 50Hz passband wave setting
- Filter-frequency Passband Upper
- Limit: 20kHz
- Filter-frequency Passband Lower
- Limit: 0.01Hz
- Gain (signal) 25 times-400,000 times
- Stimulator Component

- Constant Current Output: 0.2-100mA
- Pulse Width: 50-1000 $\mu$ S
- Short circuit and overloading protection
- Auditory Stimulator
- Stimulation Wave: 40Hz short, sound stimulation
- Stimulation Polarity: non-dense wave, dense wave and alternating wave
- Audio Strength: 40-120dB (1dB per level)
- Stimulation Mode: left, right, left & right
- Frequency of 40Hz Carrier Wave: 500-8000Hz
- Visual stimulator
- Mode: tessellation, horizontal bar and vertical bar
- Stimulation view: full-view, half-view and quarter-view
- Resolution: 3x4, 6x8, 12x16, 24x32, 48x64

## ECG MACHINE

**DALIC-1800**

Professional 18-lead ECG Machine

**Performance:**

- Support 12-lead and 18-lead
- 18-lead synchronous acquisition greatly increased the detection rate of right ventricular and posterior wall myocardial infarction
- Glasgow ECG analysis algorithm that can accurately trace and diagnose of the cardiac abnormal waves
- Support pacemaker detection
- Original iFilter™ adaptive filtering technology has greatly improved the ECG signal quality
- 12-lead printing: 3 x 4, 3 x 4+1, 3 x 4+3, 6 x 2, 6 x 2+1, 12 x 1, 6 x 2+3 formats
- 18-lead printing: 6 x 3, 6 x 3+1, 9 x 2, 9 x 2+1 formats

**Features:**

- 15-inch HD LCD Screen with Standard Grid Background
- Alphanumeric keyboard and tracking ball operation
- ECG data can be saved as HL7, XML, PDF, PNG, JPG, DICOM, GDT or ZQECG format
- Standard configured the Multi-axis TP®- innovative thermal printer can trace each segment wave clear in any application scenarios
- Support data transmission to PC via LAN port, USB port, SD card and WIFI
- Optional VCG/TVCG advanced analysis functions are provided to help doctors diagnose certain cardiac diseases which cannot be diagnosed by normal ECG

**DALIC-12**

Tablet ECG Machine

**Performance:**

- 12-lead synchronous acquisition and display
- Glasgow ECG analysis algorithm can accurately trace and diagnose the cardiac abnormal waveforms
- Support pacemaker detection
- A/D converter: 24 bits
- 0.01-350Hz ultra-wide frequency response improves the detection of tiny waveform
- Original iFilter™ adaptive filtering technology has greatly improved the ECG signal quality
- Manual/Auto printing: 3x4, 3x4+1, 6x2 formats

**Features:**

- 10.4-inch super sensitive and capacitive touch screen design
- Multi-function capacitive touch pen
- Internal barcode scanner
- Specialized storage bag
- ECG data can be saved as HL7, XML, PDF, PNG, JPG, DICOM, GDT or ZQECG format
- Standard configured the Multi-axis TP® innovative thermal printer can trace each segment wave clear in any application scenarios
- Support data transmission to PC via LAN port, USB port, SD card and WIFI
- Support ECG management system

*As the Reddot Design Award winner, iMAC 12 offers ultimate user-friendly experience with its outstanding tablet design. Its Multi-modules are integrated into the compact body, making it fully functional.*

**DALIC-120**

Classic 12-Ch ECG Machine

**Performance:**

- 12-lead synchronous acquisition and display
- Glasgow ECG analysis algorithm can accurately trace and diagnose the cardiac abnormal waveforms
- Support pacemaker detection
- A/D converter: 24 bits
- 0.01-350Hz ultra-wide frequency response improves the detection of tiny waveform
- Original iFilter™ adaptive filtering technology has greatly improved the ECG signal quality
- Manual/Auto printing: 3×4, 3×4+1, 3×4+3, 6×2, 6×2+1, 6×2+3, 12×1 formats

**Features:**

- 10.4-inch color touch-screen and alphanumeric keyboard
- ECG data can be saved as HL7, XML, PDF, PNG, JPG, DICOM, GDT or ZQECG format
- Standard configured the Multi-axis TP® innovative thermal printer can trace each segment wave clear in any application scenarios
- Support data transmission to PC via LAN port, USB port, SD card and WIFI
- Support ECG management system
- Support scanner, external printer, USB disk, SD card, keyboard, mouse, etc

**DALIC-300**

Practical and Intelligent 3-Ch ECG Machine



Suitcase (optional)

**Performance:**

- 12-lead synchronous acquisition and display
- Glasgow ECG analysis algorithm can accurately trace and diagnose the cardiac abnormal waveforms
- Support pacemaker detection
- Digital sampling rate: 32000Hz
- 0.01-350Hz ultra-wide frequency response improves the detection of tiny waveform
- Original iFilter™ adaptive filtering technology has greatly improved the ECG signal quality
- Manual/Auto printing: 3×4, 3×4+1, 1×12 formats

**Features:**

- 5-inch high resolution LCD screen
- The lightest 3-ch ECG, only 1.2kg
- Alphanumeric keyboard design
- Optional touch screen for better operation experience
- Support Z-fold and roll thermal recording paper
- ECG data can be saved as HL7, XML, PDF, PNG, JPG, DICOM, GDT or ZQECG format
- Support data transmission to PC via LAN port, USB port, SD card and WIFI
- Support paperless records and storage of electronic cases, the machine stores more than 1500 cases

**DALU-30**

3-Ch ECG Machine

**Performance:**

- 12-lead synchronous acquisition and display
- Support pacemaker detection
- Digital sampling rate: 32000Hz
- 0.01-350Hz ultra-wide frequency response improves the detection of tiny waveform
- Original iFilter™ adaptive filtering technology has greatly improved the ECG signal quality
- Manual/Auto printing: 3×4, 3×4+1, 1×12 formats

**Features:**

- 5-inch tilted screen with grid background
- The lightest 3-ch ECG, only 1.2kg
- Alphanumeric keyboard design
- Support Z-fold and roll thermal recording paper
- ECG data can be saved as multiple formats
- Support wired and wireless way to connect Internet
- Optional lifting trolley

**DALU-60**

3-Ch ECG Machine

**Features:**

- 12-lead synchronous acquisition and display
- Support pacemaker detection
- 9.7-inch super sensitive and capacitive touch screen with grid background
- Sampling rate: 32000Hz
- 0.01-350Hz ultra-wide frequency response could acquire signals of patients from pediatric to elder
- With report management function, it

supports report preview, query, editing, printing and transmitting

- Support paperless records and storage of electronic cases, the machine stores more than 1500 cases
- Support output of multiple formats
- Support wired and wireless way to connect Internet
- Optional lifting trolley

**DALU-90**

12-Ch ECG Machine

**Performance:**

- 12-lead synchronous acquisition and display
- Support pacemaker detection
- Sampling rate: 32000Hz
- A/D converter: 24 bits
- 0.01-350Hz ultra-wide frequency response improves the detection of tiny waveform
- Original iFilter™ adaptive filtering technology has greatly improved the ECG signal quality
- Manual/Auto printing: 3×4, 3×4+1, 3×4+3, 6×2, 6×2+1, 6×2+3, 12×1 formats

**Features:**

- 9.7-inch color touch screen and alphanumeric keyboard
- ECG data can be saved as multiple format
- Support input by virtual keyboard and keyboard
- Support data transmission to PC via LAN port, USB port, SD card and WIFI
- Three - pronged lead wire, effectively reduce winding

**DALIC-10 PC ECG**

*PC ECG 12-lead synchronous acquisition which needs to be used with the hospital's digital ECG workstation software or android app.*

**Performance:**

- External USB magnetic connection charging, safe and convenient
- Lead connection diagram
- Support lead-off sound and light alarm
- Support battery reminder alarm
- Bluetooth connection
- Sampling rate is 32000HZ to make the

waveform restoration more accurate

- Able to detect pacemaker signals to assist doctor in clinical diagnosis

**Resting ECG App (for Android)**

- - Real Time Sampling
- - Automatic Diagnosis
- - Touch screen can provide a better user experience

**Workstation (for PC)**

- - Printing
- - Waveform Analysis
- - Average Template
- - Automatic Diagnosis
- - Measure
- - Reanalysis



unique design



Weight: 100 gram



Waterproof suitcase

**DALIE-95**

Holter ECG



*ECG Holter monitoring is a continuous test to record your heart's condition on the normal daily routine. Zoncare Holter Software is a reliable method to help health workers achieve the precise diagnosis, especially if the resting ECG test does not provide enough information about the heart's condition of the patient*

**Features & Benefits**

- 12-lead/3 channels, full digital recorder
- Support 12-bit, 16-bit A/D conversion
- Automatically generate reports in PDF format
- Windows XP, Windows server 2003, Win7 32/64bits, Win8 32/64bits
- Intelligent analysis of supraventricular premature beats
- Automatic and manual atrial flutter analysis
- ST segment high-resolution waveform measurement function
- Pacemaker analysis function
- Heart rate deceleration analysis



## YDA SERIES



## SPECIFICATIONS

Model	PTS-90YDA	PTS-150YDA	PTS-200YDA	PTS-280YDA	PTS-400YDA	PTS-500YDA
<b>Chamber Volume</b>	90L (+440×700)	150L (+440×1000)	200L (+515×1000)	280L (+600×1000)	400L (+700×1100)	500L (+700×1300)
<b>Working Pressure</b>	0.22MPa	0.22MPa	0.22MPa	0.22MPa	0.22MPa	0.22MPa
<b>Working Temperature</b>	134°C	134°C	134°C	134°C	134°C	134°C
<b>Temperature Adjustment</b>	105~134°C	105~134°C	105~134°C	105~134°C	105~134°C	105~134°C
<b>Sterilization Time</b>	0~60min	0~60min	0~60min	0~60min	0~60min	0~60min
<b>Drying Time</b>	0~60min	0~60min	0~60min	0~60min	0~60min	0~60min
<b>Heating Average</b>	≤±1°C	≤±1°C	≤±1°C	≤±1°C	≤±1°C	≤±1°C
<b>Power Supply</b>	9KW/380V 50Hz	9KW/380V 50Hz	9KW/380V 50Hz	12KW/380V 50Hz	18KW/380V 50Hz	18KW/380V 50Hz
<b>Overall Dimension (W x D x H) (mm)</b>	1100×600 ×1300	1400×600×1 300	1400×670×1 650	1400×770×1 780	1430×880×1 830	1800×900×1 820

## YDA SERIES



## SPECIFICATIONS

Model	PTS-280YDB	PTS-200YDB	PTS-150YDB
<b>Chamber Volume</b>	280L(+600×1000) mm	200L(+515×1000) mm	150L(+440×1000) mm
<b>Working Pressure</b>	0.22MPa	0.22MPa	0.22MPa
<b>Working Temperature</b>	134°C	134°C	134°C
<b>Temperature Adjustment</b>	40~134°C	40~134°C	40~134°C
<b>Sterilization Time</b>	0~90min	0~90min	0~90min
<b>Drying Time</b>	0~90min	0~90min	0~90min
<b>Heating Average</b>	≤±2°C	≤±2°C	≤±2°C
<b>Power Supply</b>	12KW/380V 50Hz	9KW/380V 50Hz	9KW/380V 50Hz

**DIGITAL**



**MECHANICAL**



SPECIFICATIONS DIGITAL

Model	PTS-B35L	PTS-B50L	PTS-B75L	PTS-B100L
<b>Chamber Volume</b>	35L ( $\phi$ 318x450)mm	50L ( $\phi$ 340x550)mm	75L ( $\phi$ 400x600)mm	100L ( $\phi$ 440x650)mm
<b>Working Pressure</b>	0.22MPa	0.22MPa	0.22MPa	0.22MPa
<b>Working Temperature</b>	134°C	134°C	134°C	134°C
<b>Maximum Working Pressure</b>	0.23MPa	0.23MPa	0.23MPa	0.23MPa
<b>Heating Variance</b>	$\leq \pm 1^\circ\text{C}$	$\leq \pm 1^\circ\text{C}$	$\leq \pm 1^\circ\text{C}$	$\leq \pm 1^\circ\text{C}$
<b>Timer</b>	0~99 min or 0~99	0~99 min or 0~99	0~99 min or 0~99	0~99 min or 0~99
<b>Temperature Adjustment</b>	105~134°C	105~134°C	105~134°C	105~134°C
<b>Power Supply</b>	2.5kW/AC 220V.50Hz	3kW /AC 220V.50Hz	4.5kW AC 220V.50Hz	4.5kW AC 220V.50Hz

SPECIFICATIONS MECHANICAL

Model	PTS-B35L	PTS-B50L	PTS-B75L	PTS-B100L	PTS-B120L	PTS-B150L
<b>Chamber Volume</b>	35L ( $\phi$ 318x450)mm	50L ( $\phi$ 340x550)mm	75L ( $\phi$ 400x600)mm	100L ( $\phi$ 440x650)mm	120L ( $\phi$ 480x660)mm	150L ( $\phi$ 510x740)mm
<b>Working Pressure</b>	0.22MPa	0.22MPa	0.22MPa	0.22MPa	-	-
<b>Working Temperature</b>	134°C	134°C	134°C	134°C	-	-
<b>Maximum Working Pressure</b>	0.23MPa	0.23MPa	0.23MPa	0.23MPa	-	-
<b>Heating variance</b>	$\leq \pm 1^\circ\text{C}$	$\leq \pm 1^\circ\text{C}$	$\leq \pm 1^\circ\text{C}$	$\leq \pm 1^\circ\text{C}$	-	-
<b>Timer Scope</b>	0~60 min	0~60 min	0~60 min	0~60 min	-	-
<b>Temperature Adjustment</b>	105~134°C	105~134°C	105~134°C	105~134°C	-	-
<b>Power Supply</b>	2.5kW/ AC 220 V.50	3kW/ AC 220 V.50	4.5kW/ AC 220 V.50	4.5kW/ AC 220 V.50 Hz	6KW/ AC 220V.50Hz	6KW/ AC 220V.50Hz
<b>Overall Dimension ( W x D x H ) (mm)</b>	480×460×850	520×520×980	560×560×980	590×590×1080	600×640×1140	670×690×1130

**TABLETOP AUTOCLAVES**

**PTS-XB20J/XB24J**



**PTS-XD35J/XD50J**



Model	PTS-XB20J	PTS-XB24J	PTS-XD35J	PTS-XD50J
<b>Chamber Volume</b>	20L ( $\phi$ 250x420mm)	25L ( $\phi$ 250x520mm)	35L ( $\phi$ 300x500mm)	50L ( $\phi$ 340x550mm)
<b>Working Pressure</b>	0.22MPa	0.22MPa	0.22MPa	0.22MPa
<b>Working Temperature</b>	134°C	134°C	134°C	134°C
<b>Temperature Adjustment</b>	105~134°C	105~134°C	105~134°C	105~134°C
<b>Timer</b>	0~60min	0~60min	0~60min	0~60min
<b>Power Supply</b>	1.5kW/AC 220V 50Hz (AC 110V 60Hz)		2.7kW/AC 220V50Hz (AC 110V 50Hz)	
<b>Sterilizing Plate</b>	340x200x30mm (3)	400x200x30mm (3)	400x200x30mm (4)	500x250x30mm (4)

### BABY SCALE



#### SPECIFICATION

- Max weighing: 20kg
- Division: 0.05kg(0-10kg)  
0.1kg(10-20kg)

### ELECTRONIC INFANT SCALE



#### SPECIFICATION

- Max weighing: 20kg/44lbs
- Min weighing: 200g/0.5oz
- Division: 10g/0.02lb
- Display: 5 digital LCD
- Power: 6F22ND 9V
- Height range to be measured for baby: 0-56cm/0-22"
- Min value of height per division: 1mm/ 1/16"

### ELECTRONIC PEDIATRIC SCALE



#### SPECIFICATION

- Max weighing: 150kg
- Division: 50g
- Display: LED
- Power: AC/DC
- Height range to be measured: 600-1600mm
- Min value of height per division: 5mm

### HANGING SCALE



#### SPECIFICATION

- Max. weighing: 25kg
- Min. value per division: 100g

### ADULT WEIGHING SCALE



### DIAL BODY SCALE

#### SPECIFICATION

- Max weighing: 120kg/150kg/160kg
- Division: 500g
- Height range to be measured: 700-1900mm
- Min value of height per division: 5mm



### DOUBLE RULER BODY SCALE

#### SPECIFICATION

- Max weighing: 160/200kg
- Division: 100g
- Height range to be measured: 750-2000mm
- Min value of height per division: 5mm



### ELECTRONIC BODY SCALE

#### SPECIFICATION

- Max weighing: 200kg
- Division: 100g
- Display: LED
- Power: AC/DC
- Height range to be measured: 800- 2100mm
- Min value of height per division: 5mm

### WHEELCHAIR SCALE

#### SPECIFICATION

- Max weighing: 160/200kg
- Division: 100g



### ADULT WEIGHING SCALE



### DOUBLE RULER BODY SCALE

#### SPECIFICATION

- Max weighing: 160/200kg
- Division: 100g
- Height range to be measured: 750-2000mm
- Min value of height per division: 5mm

### ELECTRONIC BODY SCALE



#### SPECIFICATION

- Height range to be measured: 0-2000mm
- Min value of height per division: 1mm



### Multi-Function weighing Electric Hospital Bed



#### SPECIFICATION

- Headboard/Footboard - Detachable ABS anti-collision bed headboard
- Guardrails - ABS damping lifting guardrails with angle display
- Bed surface - High quality large steel plate punching bed frame L1950mm x W900mm
- Brake system - Luxury Single-sided silent casters with independent brakes
- Motor - L&K brand motors or Chinese famous brand
- Power Supply - AC220V  $\pm$  22V 50HZ  $\pm$

1HZ

- Back lifting angle - 0-75°
- Leg lifting angle - 0-45°
- Forward and reverse tilting angle - 0-15°
- Max load weight -  $\leq$ 250kgs
- Full Length - 2200mm
- Full width - 1040mm
- Height of the bed surface - 420mm ~ 680mm
- Options -Mattress, IV pole, Drainage bag hook, bedside locker, overbed table

### Luxury Five-Function Electric Hospital Bed



#### SPECIFICATION

- Headboard/Footboard -Detachable ABS anti-collision bed headboard
- Guardrails - ABS damping lifting guardrails with angle display
- Bed surface - High quality large steel plate punching bed frame L1950mm x W900mm
- Brake system - Luxury Single-sided silent casters with independent brakes
- Motor - L&K brand motors or Chinese famous brand
- Power Supply - AC220V  $\pm$  22V 50HZ  $\pm$

1HZ

- Back lifting angle - 0-75°
- Leg lifting angle - 0-45°
- Forward and reverse tilting angle - 0-15°
- Max load weight -  $\leq$ 250kgs
- Full Length - 2200mm
- Full width - 1040mm
- Height of the bed surface -420mm ~ 680mm
- Options - Mattress, IV pole, Drainage bag hook, bedside locker, overbed table

### Manual Five Function ICU Bed



#### SPECIFICATION

1. High quality large steel plate punching bed frame
2. TPR tires have no wear after running for 30KM (pass the dynamic test:120kg pass obstacles 500 times)
3. Back rest(0-75°)
4. Leg rest(0-45°)
5. Height Adjustable(420-680mm)

6. Stable movement, freely retracted
7. Four piece guardrails with angle display
8. Optional infusion
- 9 Trendelenburg(0-15°)
10. Reverse Trendelenburg(0-15°)
11. The handle control, convenient and fast, patients can operate by themselves

### Three Function Electric Hospital Bed



#### SPECIFICATION

- Headboard/Footboard - Detachable ABS anti-collision bed headboard
- Guardrails - ABS damping lifting guardrails with angle display
- Bed surface - High quality large steel plate punching bed frame L1950mm x W900mm
- Brake system - 125mm silent casters with independent brakes
- Motor - L&K brand motors or Chinese famous brand

- Power Supply - AC220V  $\pm$  22V 50HZ  $\pm$  1HZ
- Back lifting angle - 0-75°
- Leg lifting angle - 0-45°
- Max load weight -  $\leq$ 250kgs
- Full Length - 2200mm
- Full width - 1040mm
- Height of the bed surface - 420mm  $\sim$  680mm
- Options - Mattress, IV pole, Drainage bag hook, battery

### Three Function Manual Hospital Bed



#### SPECIFICATION

- Headboard/Footboard - Detachable ABS anti-collision bed headboard
- Guardrails - ABS damping lifting guardrails with angle display
- Bed surface - High quality large steel plate punching bed frame L1950mm x W900mm
- Cranks - ABS fold hidden cranks
- Brake system - Central brake, central control casters

- Back lifting angle - 0-75°
- Leg lifting angle - 0-45°
- Max load weight -  $\leq$ 250kgs
- Full Length - 2200mm
- Full width - 1040mm
- Height of the bed surface - 440mm  $\sim$  680mm
- Options - Mattress, IV pole, Drainage bag hook, bedside locker, overbed table

### Two Function Hospital Nursing Bed



#### SPECIFICATION

- Headboard/Footboard - Detachable ABS bed headboard
- Guardrails - ABS damping lifting guardrails with angle display
- Bed surface - High quality large steel plate punching bed frame L1950mm x W900mm
- Cranks - ABS fold hidden cranks
- Brake system - Central control side

- brake casters
- Backrest - 0-75°
- Leg rest - 0-45°
- Load weight -  $\leq$ 250kgs
- Full Length - 2090mm
- Full width - 960mm
- Height - 500mm
- Options - Mattress, IV pole, Drainage bag hook

### ABS Two-crank Lifting Hospital Bed



#### SPECIFICATION

- Headboard/Footboard: Detachable ABS anti-collision bed headboard
- Guardrails: ABS pp damping lifting guardrails
- Bed surface: High quality large steel plate punching bed frame L2050mm x W900mm
- Brake system: central control side

- brake caster
- Back lifting angle: 0-75°
- Leg lifting angle: 0-45°
- Max load weight:  $\leq$ 250kg
- Full Length: 2200mm
- Full width: 1040mm
- Height of the bed surface: 500mm
- Options: IV pole, drainage hook, shelf

### Single Crank Hospital Bed



#### SPECIFICATION

- ABS head board;
- ABS foot board;
- 4cm thick sponge mattress;
- Aluminum alloy folding guardrail;
- Detachable dining table;
- Telescopic I.V pole;
- Stainless steel manual handle;
- Universal silent caster;
- Size: 200x90x50cm

### ABS One Crank Hospital Bed



#### SPECIFICATION

- Headboard/Footboard: Detachable ABS anti-collision bed headboard
- Guardrails: ABS damping lifting guardrails
- Bed surface: High quality large steel plate punching bed frame L1950mm x W900mm
- Brake system: 125mm silent with brake caster
- Back lifting angle: 0-75°
- Max load weight: <=250kg
- Full Length: 2090mm
- Full width: 1040mm
- Height of the bed surface: 500mm
- Options: IV pole, drainage hook, shelf

### One Crank Hospital Bed



#### SPECIFICATION

- Headboard/Footboard: Ordinary bed head / foot
- Gardrails: Aluminum alloy and stainless steel guardrail
- Bed surface: 20\*40mm square tube bed frame
- Crank: Stainless steel fold crank
- Back lifting angle: 0-75°
- Max load weight: =250kgs
- Full Length: 2030mm
- Full width: 960mm
- Options: Mattress, IV pole, Drainage bag hook, dinning table

### Flat Hospital Bed



#### SPECIFICATION

- Headboard/Footboard: Stainless steel bed head
- Guardrails: Ordinary guardrails
- Bed surface: C model punching strip
- Max load weight: 240kgs
- Full Length: 2030mm
- Full width: 900mm
- Options: Infusion stand, Drainage hook, shelf

### ABS Three-Crank Orthopedic Bed



#### SPECIFICATION

- Full length - 2090mm
- Full width - 1950mm
- Height of the bed surface - 500mm
- ID width - 900mm
- Load bearing -  $\geq 250\text{kg}$
- The leg lifting angle - 0-45 Degree
- The back lifting angle - 0-75 Degree
- Head of bed / End of bed - ABS Bed headboard compound
- Constitution of bed surface - 20 x 40 mm square pipe bed surface, with a complete set of aluminum alloy gantry traction frame
- Guardrail - ABS damping lifting guardrails . Stainless steel column plus five column(or six) aluminum guardrail
- Casters - 125mm luxurious silent casters
- Cranks - Ordinary steel folding hand crank
- Optional - Iv Pole, Drainage Hook, Shelf



### Stainless Steel Three-Crank Orthopedic Bed

#### SPECIFICATION

- Headboard/Footboard: ABS and stainless steel compound
- Guardrails: Stainless steel and aluminum alloy guardrails
- Bed surface: 20\*40mm square pipe bed surface, with a complete sets of aluminum alloy gantry traction frame
- Cranks: Three stainless steel fold cranks, (one crank is for back rest, two cranks for left and right legs lifting separately)
- Back lifting angle: 0-75°
- Leg lifting angle: 0-45°
- Max load weight: 240KGS
- Full Length: 2090mm
- Full width: 900mm
- Height of the bed surface: 500mm
- Options: IV pole, Drainage hook, shelf



**Children Hospital Bed****SPECIFICATION**

- Full length: 1880mm
- Full width: 860mm
- Height of the bed surface: 500mm
- ID length: 1800mm
- Load bearing:  $\geq 250\text{kg}$
- ID width: 800mm
- The back lifting angle: 0-75 Degree
- Head of bed/ End of bed: High quality steel pipe coating head of a bed
- Constitution of bed surface: 20\*40mm square tube surface
- Guardrail: Five column aluminum alloy guardrail
- Cranks: ABS telescopic hidden hand crank
- Optional: Special wooden table, IV pole

**Two Crank Children Hospital Bed****SPECIFICATION**

- frame material - Once forming stamping bed face
- Whole size - 1885mm\*935mm\*1025mm
- Bed surface size - 1810mm\*880mm
- Height - 500mm
- Back rest - 0-75°
- Leg rest - 0-50°
- Weight Capacity - 250kg
- headboard/footboard - Made of high-quality acrylic board and thickened steel pipe.(Electrostatic spraying treatment)
- castor diameter - 4" with brake function

**Hospital Baby Cot****SPECIFICATION**

- Name - baby cart/trolley
- Raw materials - aluminum alloy bed frame/ ABS pan
- Head tilt angle - 0~12°
- Height adjustable - 780~980mm





### Stainless Steel Infant Care Bed

#### Description

- Product Size: 75\*45\*90cm
- Material: #201 Stainless Steel
- Thickness: 0.6mm
- Wheels: Four 3 "gray Rubber Wheels, Two Of Which Are

Equipped With Brakes

- Acid Resistant
- Alkali Resistant
- High Density
- Polished Without Bubbles
- Polished Without Pinholes

### ABS Height Adjustable Hospital Baby Bed Cot

#### Function:

- Bassinet tilting: 0~12 degree
- Baby cot removable
- ABS bassinet detachable
- Height adjustable: 840-1020mm

#### Accessories:

- 4pcs 3" castors all with brake
- 1pc ABS bassinet
- 1pc 30mm PVC cover mattress
- 1pc Sundries basket
- 1pc Hydraulic pole



### Examination Couch with Pillow



- Size: 1800\*600\*700mm
- Material: Stainless Steel Frame.
- Leatheroid For The Couch Surface. It Is Waterproof And Easy To Clean.
- With Pillow, Leather Color: Blue General, Other Color, Optional
- Function: Bear Of Loading: 135kgs
- Note: Size Can Be Made According To Your Requirement
- Package: 1set/ Carton, 189\*68\*20cm, N.W.: 20kg, g.w.: 22kg

### Electric Examination Table

- Size: 1920\*740\*380-720mm
- Material: Powered Coated Steel Frame. leatheroid For The Couch Surface. It Is Waterproof And Easy To Clean.
- Leather Color: green General, Other Color, Optional
- 125cm Diameter Castor, 2 With Brakes
- Function: 1. Height Adjustable: 380-720mm, electric By Foot Pedal 2. Bear Of Loading: 135kgs
- Note: Size Can Be Made According To Your Requirement
- Package: 1set/ Carton, 1900\*600\*530mm, N.W.: 45kg, g.w.: 50kg



### Stainless Steel Examination Table



- Fully adjustable headrest
- Top is upholstered and covered with washable plastic and flame retardant material
- Knock down construction
- Complete with paper roll holder

### Mobile Hospital Crash Cart With Drawers



- High-strength ABS boards, Top with stainless steel guard rail
- Aluminum columns with impact protection design and raised edges.
- Centralized Locking system, label cards for drawers
- Work surface top covered with transparent soft plastic glass
- 5 drawers: 1 big & 2 small & 2 middle drawers (inner with dividers can be organized freely into different size units)
- 4 luxurious noiseless wheels (two with brakes)
- Ergonomic designed push-handle and efficient structure.

- Structure: Four steel with plastic cover columns, and the body with ABS material
- ABS plastic top board with protruding edge
- Side rails: 3 pcs, Stainless steel, around the top board for protection
- Four 100mm castors and two with brakes
- With five drawers
- With Sliding side shelf, storage box, equipment holding shelf, I.V. transfusion pole, dust baskets, Power outlet and hooks, CPR board, oxygen tank holder

### Medical Critical Care Carts



### Hospital Locking Anesthesia Cart



- Structure: Four columns made of plastic-covered steel with ABS body
- ABS plastic top board with arc handle and protruding edge
- Side rails: 3 pcs, Stainless steel, around the top board for protection
- With transparent multi-bin containers at top of trolley
- Four 100mm castors and two with brakes
- With two drawers and two cabinets: each inner of drawer with partitions which can be organized freely, each inner of cabinet with separations, besides, each drawer with label card holder
- With sharp container, dust baskets, storage box sliding side shelf



### Medical Procedure Carts with Drawers



- Structure: Four columns made of plastic-covered steel with ABS body
- ABS plastic top board with arc handle and protruding edge
- Side rails: 3 pcs, Stainless steel, around the top board for protection
- With transparent multi-bin containers at top of trolley
- Four 100mm castors and two with brakes
- With two drawers and two cabinets: each inner of drawer with partitions which can be organized freely, each inner of cabinet with separations, besides, each drawer with label card holder
- With sharp container, dust baskets, storage box sliding side shelf

### Examination Light

#### DALOD-1

- Maximum Illumination Intensity: 20000lx
- Color Temperature: 3600±200k
- Color Rendering Index: Ra≥90
- Infrared Ray Absorption Rate: 95%
- Bulb Power/Voltage: Halogen, 35W/12V
- Bulb Life: 4000 hours
- Suitable Illumination Distance: 300-800mm



#### DALOD-II(LED)

- Maximum Illumination Intensity: 50000lx
- Color Temperature: 5500±500K
- Bulb Power/Voltage: LED 7×3W
- Bulb Life: 50000 hours
- Suitable Illumination Distance: 300-800mm



**DAL-LD400/400**

- Diameter of Light Head: Combined
- Illumination Intensity at 1m (lx): 40000-100000lux / 40000-100000lux
- Light Field Diameter at 1m: 10-28cm
- D10 (mm): 180±40/180±40
- Diameter of spot D50 (mm): 110±35/110±35
- Combined Light Depth of Illumination: 150cm
- Color rendering index (Ra): 100≥Ra≥85
- Optional Color Temperature: 4500±500K
- Number of LED bulbs: 32/32
- Average Bulb Life: 50000hours
- Heat to Light Ratio:<6
- Operating Distance: 70-140cm
- Power Supply: 100-240V, 50/60Hz
- Power Input: 180VA
- Minimum Height for Installation: 280-320cm

**DAL-LD400/400T**

- Diameter of Light Head: 55cm
- Illumination Intensity at 1m: 40000-160000lux / 40000-160000lux
- Combined Light Depth of Illumination: 130cm
- Optional Color Temperature: (3500 / 4000 / 4500) ± 500K
- Light Field Diameter at 1m: 10-28cm
- Average Bulb Life: 50000hours
- Heat to Light Ratio: <6
- Operating Distance: 70-140cm
- Power Supply: 100-240V, 50/60Hz
- Power Input: 180VA

**DAL-LD700/500**

- Supply Voltage: AC 120V±10%
- Supply Frequency: 60Hz±1Hz
- Power Input: 140VA
- Bulb Power: 3.2V1W
- Main Fuse: T2AL-250V (quick-acting fuse)
- Rated Illumination: 100,000-160,000lx / 80,000-130,000lx
- Color Temperature: 3800 ± 200K / 4400 ± 200K / 5000 ± 200K
- Definition: ≥600TVL
- SNR: ≥46db
- Camera Shooting distance(m): 0.8~2
- Foci: F3.66~91.36mm
- Double ratio: 22double
- Video frequency: 1.0Vp-p75Ω
- Vidicon power supply: 12VDC±10%
- Lowest height of installation: 3100
- Cross Arm turns around fixed seat: 360°
- Lamp body turns around riser: 360°

**Aperture Series Operating Light****DALOL-12**

- Illumination Intensity: ≥120,000lx (at 1m distance)
- Color Temperature: 4500K±500K
- Mains Voltage: AC 220V±10% 50Hz
- Bulb Voltage: AC 24V
- Bulb Power: 300W
- Power Input: 350VA
- Minimum Height for Installation: 280-320cm

**DALOLO05I/ DALOLO05II**

- Illumination: ≥50,000LX (at 1m distance)
- Color temperature: 4500K±500K
- Mains voltage: AC220V±10% 50Hz
- Bulb voltage: AC24V Bulb power
- Input power: 150W
- Optional: Battery

**SINGLE BULB  
OPERATING LIGHT**

- Illumination: 50,000-100,000LX (at 1m distance)
- Facula diameter:  $\phi 100 \sim \phi 280\text{mm}$
- Depth of light beam:  $\geq 700\text{mm}$
- Brightness adjustment: dimmer can be customized
- Shift of major and stand by lamps: automatic
- Color temperature:  $4500\text{K} \pm 500\text{K}$
- Temperature rise:  $\leq 12^\circ\text{C}$
- Temperature rise on the head of patient:  $\leq 2^\circ\text{C}$
- Diameter of lamp holder: 500mm
- Mains voltage:  $\text{AC} 220\text{V} \pm 20\% 50\text{Hz}$
- Bulb voltage:  $\text{AC} 24\text{V}$  Bulb power
- Input power: 200VA

**CEILING HUNG  
OPERATING LIGHT**

- Illumination Intensity: 60,000-120,000lx (at 1m distance)
- Light Field/Spot Diameter:  $\phi 100 \sim \phi 280\text{mm}$
- Depth of Illumination:  $\geq 700\text{mm}$
- Brightness Adjustment: customizable dimmer
- Automatic switchover between the primary and standby lights
- Temperature Increase:  $\leq 12^\circ\text{C}$
- Temperature Increase of Doctor's Head:  $\leq 2^\circ\text{C}$
- Diameter of Lamp Holder: 600mm
- Mains Voltage:  $\text{AC} 220\text{V} \pm 20\% 50\text{Hz}$
- Bulb Voltage:  $\text{AC} 24\text{V}$
- Bulb Power: 150W
- Power Input: 220VA

**MEDICAL LOUPE & LED HEADLIGHT****MEDICAL LOUPPE**

- PD adjust quickly
- Beautiful and decent appearance
- Long depth of field more convenient
- Magnification: 2.0/2.5/3.0X
- Working Distance: 420mm
- Area of View Field:  $\phi 100 - \phi 300\text{mm}$

**LED HEADLIGHT**

- Wired design, difficult to dislodge
- Ultra-high brightness
- Voltage:  $\text{AC} 90 \sim 240\text{V}$
- Bulb Power: LED 3 W
- Battery: up to 7 hours of continuous operation
- Color Temperature:  $5500 \pm 500\text{K}$
- Illumination Intensity: 60,000lx
- LED Bulb Life: 50,000 hours
- Optional: magnification lens

### DALND-3000

#### Electric hydraulic operating table



1. The table is divided into five moving sections, suitable for various surgical operations and special surgical positions;
2. Equipped with micro-computer controller, set safety lock key and one key reset device to prevent misoperation;
3. Single side column design, leaving a large space under the table for other operations;
4. The head plate and leg plate of the operating table can be disassembled and assembled interchangeably. The leg plate can be forked and lengthened;
5. The shell is made of stainless steel, and the mattress is made of new technology and new material. Easy to clean, acid and alkali resistant, antibacterial, comfortable and beautiful;
6. Built in battery to ensure smooth operation under unexpected conditions.

#### TECHNICAL DATA

Table surface specification	length $\geq$ 2100mm, width $\geq$ 550mm
Table height	min. $\leq$ 550mm, max. $\geq$ 1000mm
Table action parameters	head plate fold up $\geq$ 40°, fold down $\geq$ 90°, removable
	back plate fold up $\geq$ 75°, fold down $\geq$ 40°
	Table top forward tilt $\geq$ 28°, backward tilt $\geq$ 28°
	Table top left tilt $\geq$ 20°, Right tilt $\geq$ 20°
Lumbar bridge adjustment	0-120mm
Translational adjustment	$\geq$ 300mm
Buckling / Anti buckling	220°/110°
Leg plate adjustment	fold up $\geq$ 10°, fold down $\geq$ 90°, abduction=180°, removable
Power supply	AC220 $\pm$ 10%, 50HZ
Packing	1405 $\times$ 725 $\times$ 885mm

### DALND-2000

#### Electric hydraulic operating table



1. With one key, the upper V and lower V positions can be adjusted to avoid the tedious operation of combination mode and quickly meet the needs of surgery (optional).
2. The accessories and guide rails are made of SUS304 stainless steel.
3. Main accessories: hydraulic pump and solenoid valve are imported.
4. The bottom cover and column are made of stainless steel.
5. The "T" type base design provides doctors with more space for footwork and reduces the fatigue caused by long-time operation.
6. The leg plate adopts unique imported gas spring, which is flexible in operation.
7. Equipped with carbon fiber bed panel (optional).

#### TECHNICAL DATA

Table surface specification	length $\geq$ 2050mm, width $\geq$ 550mm
Table height	min. $\leq$ 690mm, max. $\geq$ 990mm
Table action parameters	head plate fold up $\geq$ 40°, fold down $\geq$ 90°, removable
	back plate fold up $\geq$ 75°, fold down $\geq$ 40°
	Table top forward tilt $\geq$ 25°, backward tilt $\geq$ 25°
	Table top left tilt $\geq$ 20°, Right tilt $\geq$ 20°
Lumbar bridge adjustment	0-120mm
Translational adjustment	$\geq$ 300mm
Buckling / Anti buckling	220°/110°
Power supply	AC220 $\pm$ 10%, 50HZ
Packing	1405 $\times$ 725 $\times$ 885mm



### DALND-1000

#### Electric hydraulic operating table



1. With one key, the upper V and lower V positions can be adjusted to avoid the tedious operation of combination mode and quickly meet the needs of surgery (optional).
2. The accessories and guide rails are made of SUS304 stainless steel.
3. Main accessories: hydraulic pump and solenoid valve are imported.
4. The bottom cover and column are made of stainless steel.
5. The "T" type base design provides doctors with more space for footwork and reduces the fatigue caused by long-time operation.
6. The leg plate adopts unique imported gas spring, which is flexible in operation.
7. Equipped with carbon fiber bed panel (optional).

#### TECHNICAL DATA

Table surface specification	length $\geq$ 2050mm, width $\geq$ 550mm
Table height	min. $\leq$ 690mm, max. $\geq$ 990mm
Table action parameters	head plate fold up $\geq$ 40°, fold down $\geq$ 90°, removable
	back plate fold up $\geq$ 75°, fold down $\geq$ 40°
	Table top forward tilt $\geq$ 25°, backward tilt $\geq$ 25°
	Table top left tilt $\geq$ 20°, Right tilt $\geq$ 20°
Lumbar bridge adjustment	0-120mm
Translational adjustment	$\geq$ 300mm
Buckling / Anti buckling	220°/110°
Power supply	AC220 $\pm$ 10%, 50HZ
Packing	1405 $\times$ 725 $\times$ 885mm

### DALNSD201

#### Five electric operating table



- The main body position adjustments such as table lifting, fore-and-aft tilt, left-right tilt and translation are realized by key operation and electric push rod drive.
2. The table can be moved longitudinally. It can be used together with the C-arm for radiographic examination or photography. The table panel is made of high-strength plastic plate, and the mattress is made of polyurethane foam.
  3. The leg plate can be disassembled, manually rotated, abducted and folded down, which is convenient for adjustment and very convenient for urological surgery.
  4. The handheld manipulator adopts 24V DC voltage, which is simple, safe and reliable.

#### TECHNICAL DATA

Table length and width	2010mm $\times$ 500mm $\pm$ 20mm
Maximum and minimum height of table top	930mm $\times$ 640mm
Maximum tilt angle of table top	forward tilt $\geq$ 25° backward tilt $\geq$ 20°
Maximum left-right inclination angle of table top	left inclination $\geq$ 20° right inclination $\geq$ 20°
Adjustment range of leg plate	folding down $\geq$ 90° , detachable abduction $\geq$ 180°
Adjustment range of back plate	folding up $\geq$ 75° and folding down $\geq$ 10°
Adjustment range of head plate	folding up $\geq$ 45° and folding down $\geq$ 90° removable
Translation function	translation $\geq$ 400mm $\pm$ 20mm
Waist bridge lift	$\geq$ 120mm
Power	220V/50Hz , 200VA Carry the battery and work continuously for 2 hours

1.

### DALNSD202

#### Four electric operating table



- The appearance of the product is made of 304 stainless steel, which is composed of movable base,
- lifting column and bed surface.
- The bed surface is made of composite plate of high perspective material to provide reliable imaging effect.
- It is composed of head plate, back plate, waist bridge, seat plate, leg plate, arm support, anesthesia screen frame, waist shoulder support, leg support support, etc., which can meet the routine operation position.
- The mattress is made of memory sponge material and waterproof fabric, which has the effect of
- remembering the patient's position.
- This product adopts high-quality electric push rod as power, load  $\geq 300\text{kg}$ , DC 24V safe voltage, safe and reliable

#### TECHNICAL DATA

Table length and width	2010mm × 500mm±20mm
Maximum and minimum height of table top	730mm--1030mm±20mm
Maximum tilt angle of table top	forward tilt $\geq 25^\circ$ backward tilt $\geq 25^\circ$
Maximum left-right inclination angle of table top	left inclination $\geq 20^\circ$ right inclination $\geq 20^\circ$
Adjustment range of leg plate	detachable abduction $\geq 180^\circ$
Adjustment range of back plate	folding up $\geq 75^\circ$ and folding down $\geq 10^\circ$
Adjustment range of head plate	folding up $\geq 35^\circ$ and folding down $\geq 90^\circ$ removable
Translation function	translation $\geq 400\text{mm} \pm 20\text{mm}$
Waist bridge lift	$\geq 100\text{mm}$
Power	220V/50Hz , 200VA Carry the battery and work continuously for 2 hours

### DALNSD203

#### Four electric operating table



- The appearance of the product is made of 304 stainless steel, which is composed of movable base, lifting column and bed surface.
- The bed surface is made of composite plate of high perspective material to provide reliable imaging effect. It is composed of head plate, back plate, waist bridge, seat plate, leg plate, arm support, anesthesia screen frame, waist shoulder support, leg support support, etc., which can meet the routine operation position.
- The mattress is made of memory sponge material and waterproof fabric, which has the effect of remembering the patient's position.
- This product adopts high-quality electric push rod as power, load  $\geq 300\text{kg}$ , DC 24V safe voltage, safe and reliable.

#### TECHNICAL DATA

Table length and width	2010mm × 500mm±20mm
Maximum and minimum height of table top	640mm--940mm±20mm
Maximum tilt angle of table top	forward tilt $\geq 25^\circ$ backward tilt $\geq 25^\circ$
Maximum left-right inclination angle of table top	left inclination $\geq 20^\circ$ right inclination $\geq 20^\circ$
Adjustment range of leg plate	detachable abduction $\geq 180^\circ$
Adjustment range of back plate	folding up $\geq 75^\circ$ and folding down $\geq 10^\circ$
Adjustment range of head plate	folding up $\geq 35^\circ$ and folding down $\geq 90^\circ$ removable
Waist bridge lift	$\geq 100\text{mm}$
Power	220V/50Hz , 200VA Carry the battery and work continuously for 2 hours

### DALNSD204

#### Three electric operating table



- Table lifting, forward and backward tilting, left and right tilting and main body position adjustment are realized by key operation and electric push rod drive.
- The table panel is made of high-strength plastic plate, and the mattress is made of polyurethane foam.
- The leg plate can be disassembled, manually rotated, abducted and folded down, which is convenient for adjustment and very convenient for urological surgery.
- The handheld manipulator adopts 24V DC voltage, which is simple, safe and reliable.

#### TECHNICAL DATA

Table length and width	2010mm × 500mm±20mm
Maximum and minimum height of table top	930mm×690mm
Maximum tilt angle of table top	forward tilt≥ 25° backward tilt≥ 20°
Maximum left-right inclination angle of table top	left inclination≥ 19° right inclination≥ 19°
Adjustment range of leg plate	folding down≥ 90° , detachable abduction≥ 90°
Adjustment range of back plate	folding up≥ 75° and folding down≥ 10°
Adjustment range of head plate	folding up≥ 27° and folding down≥ 90° removable
Waist bridge lift	≥ 100mm
Power	220V/50Hz , 200VA

### DALNSD205

#### Two electric ophthalmic operating table



- The appearance of the product is made of 304 stainless steel, which is composed of movable base, lifting column and bed surface.
- The bed surface is composed of head plate, back plate, seat plate, leg plate, arm support, etc., which can meet the routine operation position.
- This product adopts high-quality electric push rod as power, load ≥ 300kg, DC 24V safe voltage, safe and reliable

#### TECHNICAL DATA

Table length and width	2000mm × 530mm ± 20mm
Maximum and minimum height of table top	530mm-730mm ± 20mm
leg plate	detachable
Adjustment range of back plate	folding up ≥ 75° and folding down ≥ 10°
head plate	up ≥ 100mm and down ≥ 50mm
Power	220V/50Hz 150VA Carry the battery.

### DALNSD206

#### One electric ophthalmic operating table



- The appearance of the product is made of 304 stainless steel, which is composed of movable base, lifting column and bed surface.
- The bed surface is composed of head plate, back plate, seat plate, leg plate, arm support, etc., which can meet the routine operation position.
- This product adopts high-quality electric push rod as power, load  $\geq 300\text{kg}$ , DC 24V safe voltage, safe and reliable

#### TECHNICAL DATA

Table length and width	2000mm×530mm±20mm
Maximum and minimum height of table top	530mm--730mm±20mm
leg plate	detachable
head plate	up $\geq 100\text{mm}$ and down $\geq 50\text{mm}$
Power	220V/50Hz,150VA Carry the battery.



### DALNSD207

#### Manual operating table

- The appearance of the product is made of 304 stainless steel, which is composed of movable base, lifting column and bed surface.
- The bed surface is composed of head plate, back plate, seat plate, leg plate, arm support, etc., which can meet the routine operation position

#### TECHNICAL DATA

Total length of table top	2050mm
Table width	500 mm
Table height adjustment	750-1000mm
Maximum tilt angle of table top	forward tilt $\geq 30^\circ$ backward tilt $\geq 30^\circ$
Maximum left-right inclination angle of table top	left inclination $\geq 20^\circ$ right inclination $\geq 20^\circ$
Adjustment range of leg plate	folding down $\geq 90^\circ$
Adjustment range of back plate	folding up $\geq 80^\circ$ and folding down $\geq 10^\circ$
Adjustment range of head plate	folding up $\geq 45^\circ$ and folding down $\geq 90^\circ$
Waist bridge lift	$\geq 120\text{mm}$
With leg splitting function	Yes

## ORTHOPEDIC TRACTION DEVICE

#### SPECIFICATIONS

- Length:(1300-1900)±50mm
- Traction feet a horizontal arm cape:0-180°
- Traction distance:200±50mm
- Traction device height adjustment:(650-1100) ±50mm





### **DALNSD208** **Manual operating table**

- The angle adjustment of the back plate and leg plate of this product is realized by hand operated worm and gear mechanism. The shield is made of high-grade stainless steel

#### **TECHNICAL DATA**

Total length of table top	2050mm
Table width	500 mm
Table height adjustment	750-1000mm
Maximum tilt angle of table top	forward tilt $\geq 30^\circ$ backward tilt $\geq 20^\circ$
Maximum left-right inclination angle of table top	left inclination $\geq 20^\circ$ right inclination $\geq 18^\circ$
Adjustment range of leg plate	folding down $\geq 90^\circ$
Adjustment range of back plate	folding up $\geq 75^\circ$ and folding down $\geq 18^\circ$
Adjustment range of head plate	folding up $\geq 45^\circ$ and folding down $\geq 90^\circ$
Waist bridge lift	$\geq 120\text{mm}$



### **DALNSD209** **Manual operating table**

- The operating table is composed of table top, column and base. Rack mechanism is used for back plate folding and waist bridge lifting, ratchet mechanism is used for leg plate adjustment, and screw rod is used for table top lifting.
- The column and the bottom cover are made of stainless steel.

#### **TECHNICAL DATA**

Total length of table top	2000mm
Table width	480 mm
Minimum height of table	720mm
Table lifting stroke	$\geq 250\text{mm}$
Adjustment range of leg plate	folding down $\geq 90^\circ$
Adjustment range of back plate	folding up $\geq 75^\circ$ and folding down $\geq 20^\circ$
Adjustment range of head plate	folding up $\geq 60^\circ$ and folding down $\geq 90^\circ$
Waist bridge lift	$\geq 120\text{mm}$

### DALNSD210 Electric obstetrics bed



1. The bedstead of this product is made of high-quality carbon steel. The product design pays more attention to humanization and comfort, and the appearance is exquisite and beautiful. The mattress is made of one-time foaming molding or polyurethane material. The seamless design of the bed surface is conducive to the cleaning and protection of the equipment.

2. This product is equipped with emergency power supply. The base has leak proof design. It can supply power automatically and work normally without AC.

#### TECHNICAL DATA

Table length and width	1450mm×590mm±20mm
Table lifting	580mm--1000mm±20mm
Adjustment range of back plate	folding up≥ 75° and folding down≥ 18°
Maximum tilt angle of table top	backward tilt≥ 25 °
Power	220V/50Hz, 150VA Carry the battery.

### DALNSD211 Manual obstetrics bed



- Various actions can be arbitrarily adjusted and locked within the specified range, with convenient operation, and the leg plate can be removed. Beautiful appearance. Easy to clean.

#### TECHNICAL DATA

Total length of table top	1900mm
Table width	600 mm
Table height adjustment	650-900mm
Adjustment range of back plate	folding up≥ 60° and folding down≥ 10°
Maximum tilt angle of table top	forward tilt≥ 10 ° backward tilt≥ 25 °

### DALNSD212 Manual obstetrics bed



Size: 1200\*600\*750mm

### DALNSD213 Manual obstetrics bed



Size: 1200\*600\*750mm

### DALNSD214 Manual obstetrics bed



Size: 1900\*600\*750mm

### DALNSD215 Electric obstetrics bed



- 1. The electric delivery bed is a new generation of integrated delivery bed, which is innovatively designed according to the latest concept of LDR integrated delivery bed in the world. It has all the functions of the delivery bed.
- 2. The microcomputer control is stable and reliable, and the manual controller is easy to operate.
- 3. The imported motor has stable power and more reliable quality.
- 4. The shape of the whole delivery bed is novel and unique. The appearance design of multiple arcs and warm colors creates a relaxed atmosphere for delivery and relieves the tension of pregnant women.
- 5. The fully enclosed ABS shell is beautiful and dustproof while ensuring surface strength and durability.
- 6. The seamless molded leather pad is resistant to pollution and aging, and is convenient for cleaning and disinfecting.
- 7. The low-voltage DC all electric design adopts a number of patented technologies, advanced mechanical transmission technology and stable driving technology, and has completely independent intellectual property rights. The overall structure of

the equipment is solid and reliable, the movement is stable and quiet, and the internal structural parts are treated by electrical processing, rust prevention and oxidation resistance, which is durable.

- 8. The multi joint coordinated movement can easily complete the changes of various postures, which can fully meet the requirements of various clinical postures. The large height adjustment range and the humanized design of the lowest postures of 550mm are particularly convenient for patients to get on and off the operating table, especially for pregnant women and women who are not tall. The highest postures of 1000mm can be easily adjusted by doctors to the best observation position, The hip plate can be turned up to + 18 ° for inspection and delivery.
- 9. The built-in auxiliary power supply system and complete motor protection circuit make the operation more safe and assured.
- 10. The foldable leg plate with side plate is a humanized and unique design to provide strong support for the outside of the maternal lower leg.
- 11. The electric control bottom wheel extends up to 60mm, which greatly facilitates cleaning and movement

#### TECHNICAL DATA

Length	Width	Height	2000mm, 920mm, 550mm	Back plate folding up	$\geq 75^\circ$
Lifting stroke			$\geq 450\text{mm}$	Back plate folding down	$\geq 8^\circ$
Hip plate folding up			$\geq 18^\circ$	Leg plate swing out	$\geq 30^\circ$
Guardrail turnover			$\geq 180^\circ$		



### DALNSD216 Electric obstetrics bed

- The operating table is composed of table top, column and base. Rack mechanism is used for back plate folding and waist bridge lifting, ratchet mechanism is used for leg plate adjustment, and screw rod is used for table top lifting.
- The column and the bottom cover are made of stainless steel.

#### TECHNICAL DATA

Table length and width	1850mm × 600mm
Maximum height of table top	1000mm
Minimum height of table top	740mm
Back plate	730×590mm
Sitting board	400×590mm
Maximum tilt angle of table top	forward tilt $\geq 10^\circ$ backward tilt $\geq 25^\circ$
Adjustment range of back plate	folding up $\geq 75^\circ$ and folding down $\geq 10^\circ$
Leg plate	610×590mm
Power	220V/50Hz, 200VA



### Foldable Wheeled Ambulance Stretcher

#### Main features

- The height of this ambulance stretcher is adjustable by pressing the height handles.
- The surface of the bed table is a foam mattress covered with a waterproof material.
- Adjustable backrest for higher comfort.
- With safety lock; patient does not move inside the ambulance.
- Easily handled by one person.
- The folding legs are controlled by a handle placed on both sides of the stretcher.
- Collapsible side rails
- Stretcher can be locked in transport vehicle using brackets
- Support for IV stand included



### Ambulance Chair Stretcher

#### Main features

- Foam mattress with waterproof cover.
- Adjustable backrest for higher comfort.
- The folding legs are controlled by a handle placed on both sides of the stretcher.
- Equipped with braking system.
- Regulated by a pneumatic spring.
- Stair stretcher.
- Material: aluminum alloy
- Anti-corrosive and easily cleaned and sterilized.



### Hydraulic Patient Transfer Stretcher

#### Main features

- Height adjustable in a hydraulic way by pedals on both sides
- Collapsible aluminum alloy railing
- Central brake system
- Pushing bar located on both ends
- Back section adjustable in a pneumatic way
- Bumper caster located on four corners of the stretcher



### Emergency Folding Rescue Stretcher

#### Main features

- Emergency stretcher foldable in 2.
- Aluminium frame and Oxford-type fabric bed of orange colour
- Lightweight and easy to use.
- 2 security straps included.
- Mainly used in battle field and outdoor to carry patients and wounded person.



### Hospital Patient Stretcher Trolley

#### Main features

- Manual luxurious stretcher
- ABS tuck-away railing, collapsible
- ABS platform easy for cleaning
- Manual height adjustable
- With 5th retractable wheel in the middle for direction
- Backrest adjustable in a pneumatic way
- Central brake system with 150mm diameter wheel





### Adjustable Backrest Emergency Stretcher

#### Main features

- This stretcher with wheels, outriggers and can be folded.
- It is made of high strength aluminum alloy material and the waterproof leather materials.
- Adjustable Back
- Equipped with 2 safety belts to grant patients' safety during transfer.
- Foldable stretcher is light and robust



### Ambulance Chair Stretcher

#### Main features

- Aluminium structure, lightweight and easy to clean.
- It is an ideal equipment for emergency staff to transfer patient to go up and down stair.
- Two stationary rear wheels enable the patients to be moved over most surfaces with minimal effort.
- The stretcher enhances the patient's safety during transport process because of it's 3pieces of restraint straps with quick-release buckle.
- Under the front of the stretcher, it has two flexible uplift rods.
- The stretcher can be folded and it saves the space in ambulance vehicle.

### Spine Board for Rescue

#### Main features

- Made of highly tough polyethylene.
- Inner frame made of bamboo, which improves both its resistance and floatability.
- It can be used together with a head immobiliser (not included).
- Featuring safety belts.
- It can endure X-rays

## WARD SCREEN & DRIP STAND



### Hospital Folding Stainless Steel 3-Part Ward Screen

#### Main features

- Size:2000\*1800mm(3 pieces)
- Stainless steel frame
- The screen has dust-proof and antibacterial function.
- The Ward Screen can be wind penetrated, good for ventilation.
- The cloth /PU leather/PVC are easy to clean
- The screen can be assembled and disassembled easily.



### Stainless Steel Medical IV Pole Stand With Five Leg

#### Main features

- Twin wheel swivel casters
- Detachable head for easy on/off
- Stable nylon base and stainless steel pole
- Lock feature provides a full range of secure height positions



### Hospital ABS Bedside Cabinet

#### Main features

- Size: 480\*480\*760mm
- Frame: ABS Injection.
- Cabinet top, drawer, tray, layer board, door and the base are made of ABS
- Towel hangers on the 2 sides of cabinet, that can be adjustable
- Dining board is between the drawer and tabletop
- Thermos, washbasin and other commodity can be put in it



### Wooden Bedside Locker

#### Main features

- Aluminum alloy frame with HPL compact board body
- One storage drawer
- Dining table
- One cabinet at the bottom

## HOSPITAL MATTRESSES

### Hospital Bed Foam Mattress



Waterproof, washable and easy to clean

### Air Mattress



### Crank Bed Mattress



## INSTRUMENT CABINET



## ABS OverBed Table



#### Main features

- H Frame For Balance And Stability
- Aluminum profile for the frame, heavy duty and easy to operate.
- Top ABS plate with raised edge for safety, sunken reservation for cup sitting
- Built in steel with epoxy paint
- Gas spring operated height adjustable, Total stability at all heights.
- Four swiveling castors, two castors with brake

## OVERBED TABLE

### Wooden OverBed Table



#### Main features

- Top has a laminated wood finish with vinyl edges
- Durable chrome-plated welded steel constructed base
- Spring operated height adjustable
- Casters slide table underneath the bed
- H Frame For Balance And Stability

### Stainless Steel Hospital Utility Cart Trolley



#### Main features

- Smooth stainless steel shelves with handrail on three sides.
- Two stainless steel shelves with three sided railing on both shelf.
- Four 75mm silent castors and two with brakes are equipped.
- The guardrails are equipped to prevent objects from falling.
- Polished and welded well.
- Firm and stable installation.

### Mayo Instrument Trolley

#### Main features

- This mayo tray is stainless steel and will match any area it is in.
- Suitable for medical instrument holder, dental instrument holder, or more.
- Smooth finishing without sharp edge
- Double post provides added support for use in surgical procedures
- Two hooded casters



### Mayo Instrument Trolley

#### Main features

- High grade stainless steel 304
- Safety folds to all edges
- With one tray for carrying instruments.



### Stainless Steel Medical Dressing Laundry Trolley

#### Main features

- Fabrication and finish are of high quality to assure durability.
- Equipped with a big linen bag.
- Swivel castor bases, with brake on the cross.
- Equipped with 3 shelves
- dirty laundry linen trolley



### Stainless Steel Apparatus Trolley

#### Main features

- Instrument trolley three shelves
- High grade stainless steel 304
- Three shelves with railing on each layer
- Safety folds to all edges
- With push handle from both sides



### WASH HAND STAND WITH BOWL

#### Double Wash hand bowl with Stand

#### Main features

- Five Legs base mounted on 5cms dia castors
- With two approx. 36cms S.S. basin
- High grade stainless steel Support Rod & Ring



### Kick-about Bowl with Stand

#### Main features

- Perfect for use in theatres and surgical environments
- Seamlessly welded construction from 304 grade stainless steel
- Stainless steel provides strength and is easy to clean
- Bowl retaining rings fitted with removable anti-static spiral buffers
- Buffers cushion and support bowls
- Supplied with 360mm external diameter stainless steel bowl
- 75mm antistatic castors allow for easy movement
- Overall dimensions: 365 x 365 x 235mm
- Weight: 3.25KG
- Additional bowls sold separately



### Wash hand bowl with Stand



**Coated Steel Commode Chair With Armrests****Features**

- Durable powder coated aluminum frame is foldable
- Removable plastic commode pail with lid
- Fixed armrests and backrest
- Each leg has a spring lock pin for adjusting height in 5 levels
- Each leg has a anti-slip rubber tip

**Bath Bench for Elderly / Patient Bath Bench with Back Rest****Features**

- Easy, tool-free assembly of back seat and legs
- Aluminum frame is lightweight, durable and corrosion proof
- Legs are height adjustable in 1" increments, and angled with suction-style tips to provide additional stability
- Made using recycled materials

**Features**

- **STABLE** - Supports users up to 300 lbs increasing the stability and confidence of users
- **DURABLE** - Casted composite plastic with drainage holes ensure that the top stays clear of pooled water
- **STURDY** - Metal legs ensure that maximum support and stability is provided for the user
- **SECURE** - Four stable legs with anti-slip feet provide maximum support

**Medical Foot Step Stool**



### Wheel Chair With Commode



#### Features

- Chrome Plated Steel Finish.
- Convertible from wheelchair to commode chair
- Removable Cushioned Seat and Armrest.
- Foldable and removable Footrest
- Dual Brakes / parking Brakes.
- Tubeless Tyres.

### Wheelchair



#### Features

- Steel wheels
- polyurethane solid tires
- Electroplated hand ring
- pvc front wheel
- High quality leather seat cushion
- Leather armrests
- Carbon steel frame with galvanized finish
- The footrest is foldable.

### Adjustable Commode



#### Features

- Highly Resistant
- Maximum Comfort
- Elegant Design
- Say Goodbye To Fears

### Medical Nurse Stool With Backrest



#### Features

- The chair takes Ergonomic Design.
- The chair comes with a back rest
- The chair button: power coated steel frame.
- The chair is designed without sharp edges.
- Design, fabrication, and finish are in high quality to assure durability

#### Features

- The chair takes Ergonomic Design.
- The chair button: chromium-coated steel structure
- The chair is designed without sharp edges.
- Design, fabrication, and finish are in high quality to assure durability

### Nurse Stool



### Infusion Chair



#### Features

- Powder coated steel structure.
- PU foam seat and back.
- Painted wood arm.
- Adjusted 3 positions.
- With magazine basket at side.

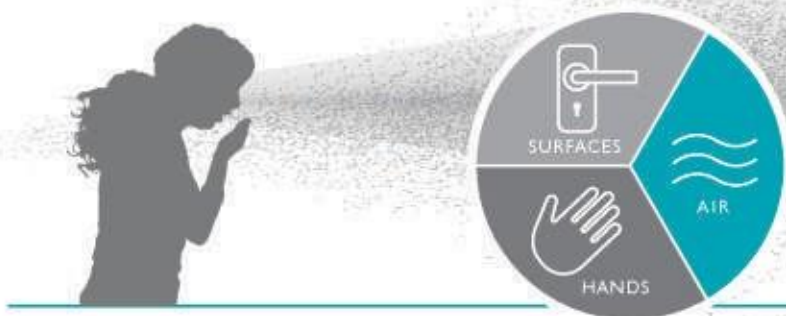


You Can't  
Dis-infect the Air.  
We Can.



## Cleaner Air Means **Cleaner Hands** and **Surfaces**

Hand hygiene and surface disinfection have long been the international gold standard for infection control in healthcare environments. But as our hospitals become more crowded, infections become harder to treat, and costs become unmanageable, traditional protocols need reinforcement. Novaerus air dis-infection technology closes the loop in infection control.



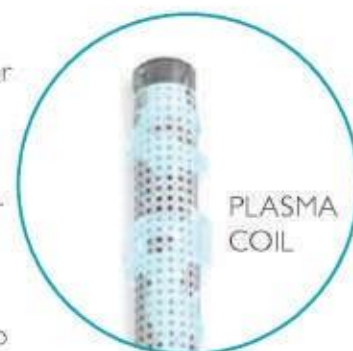


## Novaerus DBD Plasma

Novaerus ultra-low energy patented plasma technology has been tested and proven to deactivate airborne bacteria and viruses, neutralize VOCs and reduce particulate such as mould spores, dust mites, pollen, and dander.

Novaerus technology is unmatched for its efficacy, safety, ease of use, and affordability.

- Novaerus technology cleans the air 24/7. The portable air dis-infection units are ideal for continuous infection control, odour mitigation and indoor air quality maintenance.
- Novaerus plasma is powerful, yet gentle. With no harmful by-products, it is safe for continued use around vulnerable patients and staff, treating the air in real life conditions.
- Novaerus portable units are low-energy, low-maintenance and plug into any outlet. With no installation costs, the units can be easily moved by staff to the point of care.
- Novaerus technology augments your surface and hand hygiene protocols. The units help to reduce infection by destroying pathogens in the air.



## Independently Tested

TYPE	NAME	REDUCTION	TIME	SPACE	MODEL
VIRUSES 	Measles <sup>1</sup>	99.87%	20-30 min	28.5m <sup>3</sup>	NVI050
	Influenza A	99.9%	10-20 min	28.5m <sup>3</sup>	NVI050
	Norovirus <sup>2</sup>	99.99%	5 hours	16m <sup>3</sup>	NV800
BACTERIA 	Tuberculosis <sup>3</sup>	97%	30 min	30m <sup>3</sup>	NVI050
	MRSA <sup>4</sup>	99.94%	15 min	30m <sup>3</sup>	NVI050
	<i>Clostridium difficile</i> spores	99.9%	40 min	28.5m <sup>3</sup>	NVI050
	<i>Escherichia coli</i>	71.80%	5 min	2.3m <sup>3</sup>	NV200
	<i>Bacillus subtilis</i>	86.50%	6 hours	16m <sup>3</sup>	NV800
MOULD SPORES 	<i>Aspergillus niger</i>	99.99%	30 min	16m <sup>3</sup>	NVI050
	<i>Aspergillus niger</i>	98.85%	4 hours	16m <sup>3</sup>	NV800
VOCs 	Nitrogen Dioxide	99.49%	7.2 min	16m <sup>3</sup>	NVI050
	Formaldehyde	99.68%	1.1 min	16m <sup>3</sup>	NVI050
	Toluene	99%	9.1 min	19.72m <sup>3</sup>	NVI050
PARTICULATE 	PM 1	99%	6.33 min	19.72m <sup>3</sup>	NVI0750
	PM 2.5	99%	6.26 min	19.72m <sup>3</sup>	NVI050

### Testing Partners

- Aerosol Research & Engineering Laboratories, USA
- NASA Ames Research Center, USA
- Avomeen Analytical Services, USA
- Microsearch Laboratories, UK
- Airmid Healthgroup, Ireland
- University of Huddersfield, UK
- Microbac Laboratories, USA
- Camfil Laboratories, Sweden
- Qualilife Diagnostics, India
- Indoor Biotechnologies, UK

<sup>1</sup> Tested on Human parainfluenza type 3 (HPIV3), a commonly used surrogate for Measles. (2019 – To assess the impact of an air purifier on Human parainfluenza virus Type 3. Airmid Healthgroup)

<sup>2</sup> Tested on MS2 Bacteriophage, a commonly used surrogate for Norovirus (2005 – Survival of viruses on fresh produce, using MS2 as a surrogate for Norovirus, Dawson DJ et al.)

<sup>3</sup> Tested on *Mycobacterium smegmatis*, a commonly used surrogate for *Mycobacterium tuberculosis* (2007 – Evaluation of *Mycobacterium smegmatis* as a possible surrogate screen for selecting molecules active against multi-drug resistant *Mycobacterium tuberculosis*, Chaturvedi V et al.)

<sup>4</sup> Tested on *Staphylococcus epidermidis*, a commonly used surrogate for MRSA. (2011 – Aerosol survival of *Staphylococcus epidermidis*, Thompson KA et al.)



## Protect and Defend Your Patients and Staff

### Protect

The Protect 200 and Protect 800 have been designed for continuous air dis-infection and odour control in small and medium indoor spaces. The Novaerus Protect range use patented filter-free ultra-low energy plasma technology with a two-speed or single-speed fan. Both units can be wall-mounted or placed on a countertop and plug into any outlet. The Protect 800 can also be mounted on one of two specially designed stands for optimal air flow.

#### Applications

- |                      |                  |
|----------------------|------------------|
| • Operating Theatres | • Supply Rooms   |
| • Nurses Station     | • Offices        |
| • Examination Room   | • Patient Rooms  |
| • Common Areas       | • Ambulances     |
| • Reception Desk     | • Dental Clinics |
| • Bathrooms          |                  |



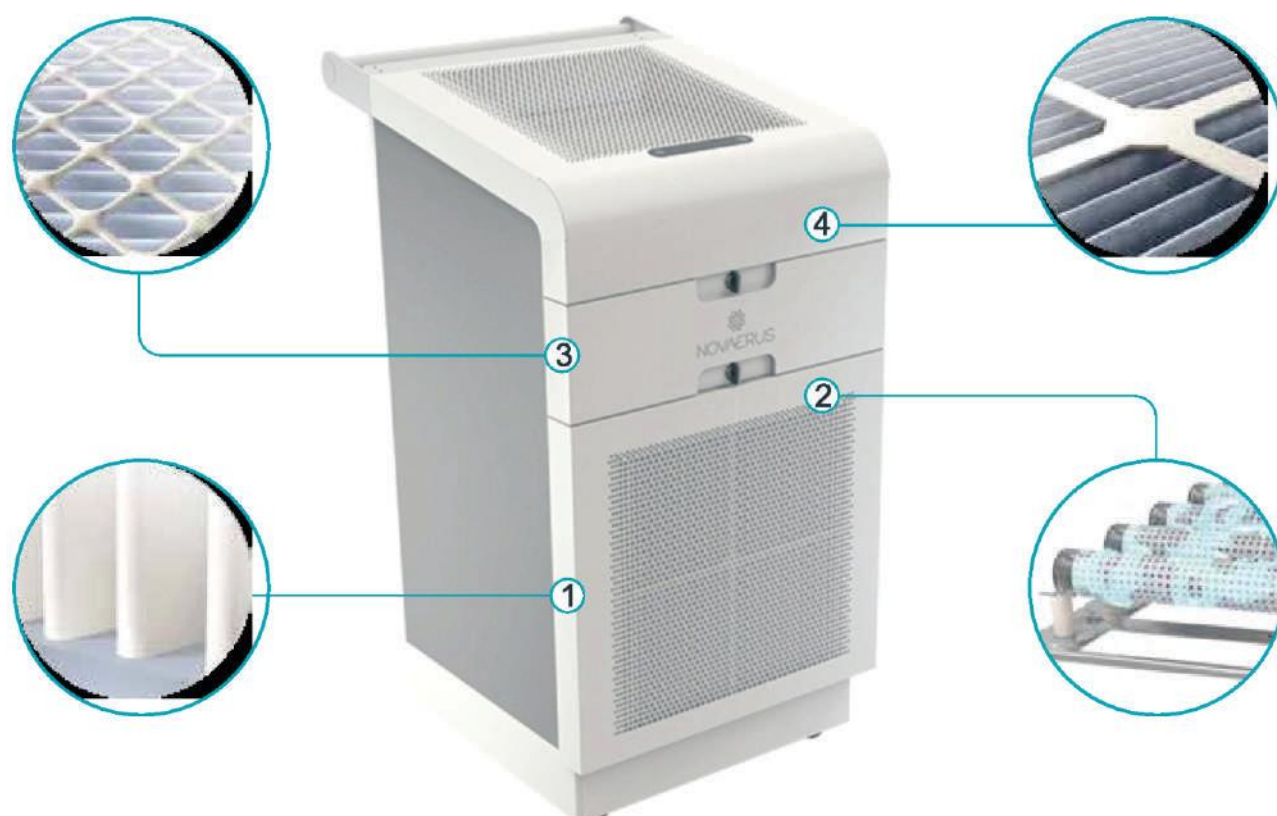
### Defend

The Defend 1050 has been designed for rapid remediation in large spaces and situations with high risk of infection. The Novaerus Defend 1050 uses patented ultra-low energy plasma technology combined with a triple-stage Camfil® filter system to provide a combined solution for air dis-infection and particle removal. This free-standing unit can be wheeled easily to point of care and plugs into any outlet.

#### Applications

- |                               |                            |
|-------------------------------|----------------------------|
| • Operating Theatres          | • Construction Projects    |
| • Intensive Care Units        | • Child Care / Schools     |
| • Emergency Rooms             | • Senior Living Facilities |
| • In Vitro Fertilization Labs | • Burn Units               |
| • Patient Wards               | • Hematology Units         |





## NOVAERUS DEFEND 1050 SPECIFICATIONS

Voltage: 230 VAC / 50Hz

Fan settings: 5 speeds

Energy use: 120 - 310 W

Air flow: 181 - 906 m<sup>3</sup>/hr

Dimensions: 100.1x50.5x46.5cm

Weight: 35 kg

### ① G4 PRE-FILTER

30/30 high efficiency pleated panels  
water resistant, 3 month life span  
400×400×50 mm

### ② PLASMA COILS

6 active purification plasma coils  
produce low-energy plasma field

### ③ H13 HEPA FILTER

Very high efficiency, individually tested  
12 month life span\*  
MGA 400×400×110 mm

### ④ G4 CARBON FILTER

High efficiency pleated panels  
moisture resistant,  
12 month life span\*  
400×400×50 mm

## AIR PURIFIER PRODUCT RANGE



- NV 200**
- 50 m<sup>3</sup>/hour
  - Covers up to 20 m<sup>2</sup>
  - Portable



- NV 800**
- 260 m<sup>3</sup>/hour
  - Covers up to 60 m<sup>2</sup>
  - Wall or stand Mounted



- NV 1050**
- Portable Unit
  - 906 m<sup>3</sup>/hour
  - 3 Filters— Carbon, HEPA, PreScreen

## Applications



The Defend 1050 combines patented active purification plasma technology with a triple-stage Camfil® filter system to provide non-chemical air dis-infection and particle-reduction for multiple applications. It is safe for use around vulnerable populations and highly effective at reducing infection, mitigating unpleasant odours, and reducing environmental contaminants in indoor areas that need to remain inhabitable during construction, restoration, or remediation projects.





**Black:** For disposal of medications of all doses and amounts, acutely toxic drugs, bulk chemo, and Pathological waste.

**Yellow:** For disposal of clinical waste infectious and hazardous clinical waste.

**Red:** For disposal of biohazardous waste (potentially infectious). e.g Discarded vaccines, items with dried blood or other fluids, discarded surgical tools, e.t.c.

## DISINFECTION & STERILIZATION



Facial Steamer



Uv Disinfection Box



Disinfection Machine



Hand Sanitizers



Disinfectants



Air Doctor



Fog Disinfectant



Disinfectant Wipes



Caritol Hand Sanitizer





Mask With Valve



Disposable Face Mask Pack



Disposable Ffp1 Respirator



Detachable Full Face Shield



Particulate Respirator N95



Kn95 Face Mask



Coverall



Surgical Caps



Face Shield



N95 Respirator



Branded Children Mask



Kids Faceshield With Goggle Frame



Latex Gloves



Goggle Eye Protection



Infrared Non Contact Digital Handheld Forehead Thermometer



2-in-1 Thermometer And Sanitizer Dispenser With Stand



2-in-1 Wall Thermometer And Sanitizer Dispenser K9



Auto Sanitizer Dispenser With Inbuilt Thermometer



Automatic No Contact Wall Forehead Thermometer



Automatic Faucet

## HEALTH MONITORING DEVICES



Digital Wrist Blood Pressure (bp) Monitor



Stethoscope



Glucose Meter



Finger Pulse Oximeter



Blood Pressure Checker



Continuous Glucose Monitoring Device



STANDARD Q COVID-19 Ag Home Test Kit



Flowflex Covid-19 Rapid Antigen Self Test Kit



Abbott Panbio COVID-19 Rapid Antigen Test



Oraquick HIV Self-test Kit

Disposable Easily-To-Read  
Personal Pregnancy Test Kit

Hepatitis B test kit



**Oxygen Mask**  
Adult and Paediatric

- Oxygen Mask is designed for convenient oxygen therapy. Mask is moulded from
- non-toxic medical grade PVC. It is Provided with adjustable strap and nasal oxygen
- mask integrated nose bridge for proper positioning of mask on the nasal area.
- Other features include:
- Swivel connector for convenience of attachment to the oxygen tube.
- 2 mtr long multi channel tube to ensure continuous flow of oxygen.
- Proximal end of tube is fitted with soft funnel shape connector for easy connection to oxygen source
- E.T.O. Sterile & Pyrogen Free. Also available non-sterile (Packed Clinically).



**Twin Bore Nasal Oxygen Set**  
Adult and Paediatric

- Twin prong nasal oxygen set is designed to ensure equal volume of oxygen to
- both air passages. System of attachment and Soft funnel shape connector facilitates
- easy connection to the Oxygen source.
- Star lumen tube ensures the supply of Oxygen
- Manufactured from soft, non-toxic green/natural PVC.
- E.T.O. Sterile and Pyrogen Free.



**Nasal Oxygen Catheter**  
Size: 6, 8, 10, 12, 14 FG

- - Open distal end with multiple lateral eyes ensures even dispersion of oxygen burns.
- -Straight packed in peelable pouch
- -E.T.O. Sterile and Pyrogen Free.



**Endotracheal Tube (Plain)**  
Size: 2.5/3.0/3.5/4.0/4.5/5.0/5.5/6.0/6.5/7.0mm

- Endotracheal Tube made from special non-toxic Clear, thermo sensitive PVC material.
- Radio opaque line to assess exact location of tube.
- All Endotracheal Tube is fitted with 15mm standard connector
- Smooth tip aids atraumatic intubation
- E.T.O Sterile and Pyrogen Free



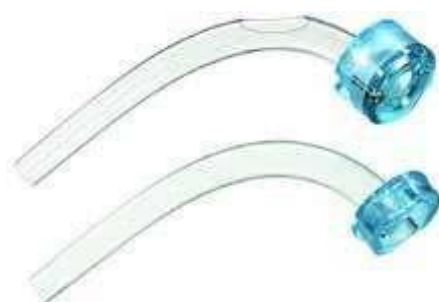


Manufactured from siliconised non-toxic, non-irritant P.V.C. kink resistant thermo sensitive tube ensures tube patency for patient safety, yet softens at body temperature to conform to the anatomy of the respiratory tract.

- - Murphy eye has a polished smoothness ensuring atraumatic intubation & extubation Kink resistant inflation tube ensures patient safety during cuff inflation & deflation Soft lowpressure cuff provides an air tight fit between tube and trachea
- - X-ray opaque line and markings provided on the tube facilitate the exact location of the tube position.
- - Standard 15mm connector provided at proximal end E.T.O. Sterile & Pyrogen Free

### Endotracheal Tube (Cuffed)

Size: 6.0/6.5/7.0/7.5/8.0/8.5/9.0/9.5/10 mm



- Easy fixation due to soft flexible flange.
- Light weight and non-irritant material reduces inflammation around tracheostomy.
- Ensure accurate positioning of the tube in the trachea.
- Terminal end is suitable for 11mm connector.
- E.T.O. Sterile & Pyrogen Free.

### Tracheostomy Tube (plain)

size: 4/4, 5/5/6/7/7.5/8/9/10mm



- Manufactured from siliconised non-toxic, non-irritant P.V.C. kink resistant thermo sensitive tube ensures tube patency for patient safety, yet softens at body temperature to conform to the anatomy of the respiratory tract.
- Murphy eye has a polished smoothness ensuring atraumatic intubation & extubation Kink resistant inflation tube ensures patient safety during cuff inflation & deflation Soft lowpressure cuff provides an air tight fit between tube and trachea
- X-ray opaque line and markings provided on the tube facilitate the exact location of the tube position.
- Standard 15mm connector provided at proximal end E.T.O. Sterile & Pyrogen Free.

### Endotracheal Tube (Cuffed)

Size: 6.0/6.5/7.0/7.5/8.0/8.5/9.0/9.5/10 mm



- Distal end is pen with one lateral eye to avoid trauma during suction.
- Frozen surface tubing for smooth intubation
- Radio-opaque line, and straight packed in peelable pouch for convenient of use and aseptic handling.
- Colour coded for instant size identification.
- Available Plain (open/close tip), vacuum control valve with thumb control and syringe control facility
- E.T.O. Sterile & Pyrogen Free

### Suction Catheter

size: /8/10/12/14/16/18 FG



### Endotracheal Tube (Cuffed)

Size: Adult and Paediatric

- Disposable Single patient use
- Non-Sterile packed sealed in Pouch.
- Specially designed nebulizer chamber with nebulization rate of approximately 3cc in 10 mins
- Average particle size generation is approximately 2 microns. Complete kit consists of: Nebulizer Mask, Nebulizer chamber and 210cm star lumen tube.

- Elongated facemask for long use.
- Color coded body / port cap as per ISO Standard.
- Adjustable elastic strip and integrated nose clip for proper positioning of mask
- 210 cm long star lumen tubing to ensure continuous flow of oxygen.



### Geuldel Airway

Size: 000,00,0,1,2,3,4

- Manufactured from EVA to achieve extra soft surface finish. The integral hard bite block avoids airway occlusion and biting of the tongue.
- Colour coded for easy identification packed.
- E.T.O. Sterile & Pyrogen Free



### Water & Sand Weight Bag with Hanger

- Most convenient type of weight for any type of fraction can be filled with either water or sand
- Bag holds up to 25 lbs. weight
- Disposable / individual Bag pack



### Venturi Mask

size: Adult & Paediatric

Venturi Mask is a medical device to deliver a known oxygen concentration to patients in controlled oxygen therapy

#### Features

- Disposable Single patient use.
- Non-Sterile packed sealed in Pouch
- Easy adjustable, Variable venture system ensures fixed & accurate concentrations of oxygen
- Color Coded, air entrainment low and medium concentration diluters.
- Elongated facemask for long term use.
- Clear and soft mask for patient comfort.
- Adjustable elastic strip and integrated nose clip for proper positioning of mask.
- 210 cm long star lumen tubing to ensure continuous flow of oxygen.



### Lung Exerciser

- The Device "Lung Exerciser" is used by adults and children to strengthen their respiratory muscles and increase lung volume. The Breather improves the degenerative affects f neuromuscular disease on the respiratory system. It strengthens the muscles associated with breathing and can improve the cough effort.

#### Feature

- Disposable Single patient use - Non-

Sterile

- Helps to develop, improve and maintain respiratory fitness.
- Useful in restoring and maintaining lung capacity of post operative ambulatory and COPD patients.
- Air filter for enhanced protection.
- Transparent, well calibrated chambers for accurate estimation of exercise capacity



### Three Way Stop Cock

Size: Red / Blue / White

- Manufactured from transparent polycarbonate / PE.
- - Inside is completely smooth & available with moulded luer lock
- - Manufactured from non-toxic medical grade material
- - E.T.O. Sterile and pyrogen free. Also available in non-sterile



Complete set of CVC kit includes the following basic components:

- Central Venous Catheter - Dilator
- 035" Guidewire "J" tip which is flexible for ease of insertion
- 5cc Syringe with luer lock provide secure connection to needle
- Scalpel #11-short (optional)
- Needle 18 Ga X 2-3/4
- E.T.O. sterile and pyrogen free

### Central Venous Catheter Kit



### Urotheral Catheter [MK-90, MK91]

- Manufactured from Non toxic, Non irritant PVC.
- Most suitable for removal of secretion from mouth, trachea & bronchial tubes
- Proximal end is fitted with (Universal) funnel shape connector for connection to standard suction equipment.
- Funnel shape connectors are color coded for size identification.
- Provided with x-ray opaque line throughout its length
- Sterile / Disposable / Individual Packed



- Manufactured from non-toxic medical grade P.V.C. material
- Minimises movement at cannulation. Reduces chances of irritation & infection
- Extends the pathway between the infusion site & the source of infusion.
- Built-in 3 way stopcock. Fitted with male luer lock at one end & three way stop cock at the other
- ETO. Sterile & Pyrogen Free

### Three Way Stop Cock with Ext Line

Size: 10/25/50/100/150/200 CM Color: Red / Blue / Clear / Yellow



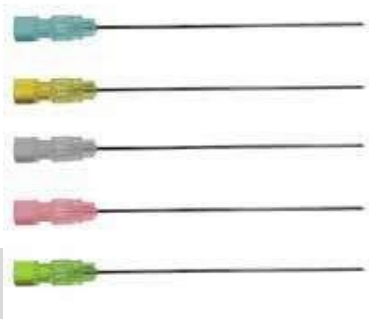
- Catheter Moun 22 mm Standard female connector compatible with all Breathing and Ventilator circuits
- Specially designed port at the elbow
- Corrugated tubing manufactured from antistatic EVA.
- Available with Standard and Collapsible corrugated tubing ETO. Sterile and Pyrogen Free.

### Catheter Mount



- Suitable for continuous or intermittent monitoring of central venous pressure during infusion.
- Manometer tube with graduation from - 4cm to +34cm and attached to three way connector.
  - 125 cm long extension tube is fitted with female luer lock at one end and male luer lock on the other end for safe connectin to C.V.P. Catheter.
  - Latex rubber flash ball is provided for extra medication.
  - Sliding indicator provided to record previous reading
  - Moulded clamps with latex rubber strings are provided for easy fixing on i.v. Stand.
  - Individually packed in peelable pouch.
  - ETO. Sterile and pyrogen free

### CVP Manometer



- Plastic hub, quincke point, top quality
- Unique translucent window hub allows for easy visualized
- Specialized fitted stylet reduces tissues coring
- E.T.O. Sterile and pyrogen free.

### Spinal Needle





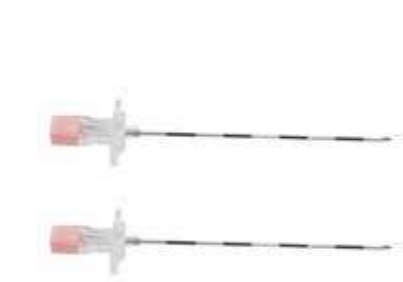
- Suitable to provide connection with endotracheal tube to facilitate oxygen source
- Also available with 2m long oxygen tubing.
- E.T.O. Sterile and Pyrogen Free

### Oxygen Recovery Kit



Consists of -High Pressure Monitoring Lines, Transducers Domes, Flushing Devices, 3 way Stop Cock - Assembled as per customer's specifications. - E.T.O. Sterile & Pyrogen Free

### Pressure Monitoring Kit



- Specially designed for epidural anaesthesia.
- Transparent plastic hub with marking on every cm.
  - The needle heel is rounded to reduce the risk of cutting the catheter.
  - Tuohy needles are available with stylet & removable wings.
  - E.T.O. Sterile and Pyrogen Free

### Touhy Needle

Size : 18 G length:80 mm/90 MM 17 G length: 90 mm/ 120 mm



Complete set of CVC kit includes the following basic components:

- Central Venous Catheter
- Dilator
- 035" Guidewire "j" tip which is flexible for ease of insertion
- 5cc Syringe with luer lock provide secure connection to needle
- Scalpel #11 -short(optional)
- Needle 18 Ga X 2-3/4
- E.T.O. sterile and pyrogen free.

#### Features:

- Superior soft tip design for safe and easy insertion
- Radio opaque material with definite marking for correct placement of catheter
- Special polyurethane material to provide strength

### Single Lumen Catheter Kit



Paediatric circuit are Made from Corrugated Tube of 15mm Diameter with 1/2 or 1 Liter Reservoir Bag.

### Paediatric Rees T-Piece



Transparent cushioned, crystal clear, flexible 22 F ISO connection.

- Air filled cushion to provide safety and comfortable use
- Suitable for use in respiratory care of anaesthesia and resuscitator.
- Body with antistatic property.
- Good grip

### Single Lumen Catheter Kit



Manufactured from non-toxic medical grade P.V.C. material and able to withstand a pressure Of 580 PSI.

- Fitted with male/female & male/male luer locks for secure connection.
- Does not bulge even at high pressure.
- Minimal dead space.
- E.T.O. Sterile and Pyrogen Free. Also available in P.E. material.

### Pressure Monitor Line

Color: Red/Blue{Yellow/Clear (Other colours and sizes also available on request  
Size : 10/25/5011001150/200 cm



- Tidal volume range (ml): 70-600
- Compressible volume (Dead space) (ml):22
- Humidification efficiency (mg/l) at Tidal Volume = 100 ml:33.0  
at Tidal Volume 250 ml:31.0  
at Tidal Volume = 500 ml:27.5  
at Tidal Volume = 1000 ml

- Bacterial Filtration (%) :99.98
- Viral Filtration (%): 99.80
- Resistance (cm H2O) at flow:  
0.15 l/s:0.6  
0.25 l/s: 1.0  
0.50 2.1  
1.5 • Weight  
Size Adult Paediatric and Infant

### Heat & Moisture Exchange Filter



### Step Connector

- Step Connectors are manufactured from Poly Propylene with Specially designed groove ensure perfect fitting Of tubing.
- Tubings Of Different diameters can be fitted on both end.
- E.T.O. Sterile & Pyrogen Free.



Silicon resuscitation bag is available with standard elbow E-type valve, oxygen connecting tube and reservoir bag.

### Single Lumen Catheter Kit

Size: Adult & Paediatric



### Infant Mucus Extractor

It is our years of experience and vast medical knowledge, that have made us capable enough to manufacture and export an exclusive range Of Infant Mucus Extractor. These extractors are highly suitable for newly born babies for aspiration of secretion from oropharynx. Our expert personnel team uses finest quality of medical grade polymers, sourced from the certified vendors to design the extractor. We use peelable pouch packs to pack the Infant Mucus Extractor and offer to the clients at the reasonable prices.

**Features:** • Biodegradable • Transparent • Easy to use Specifications: • Infant Mucus Extractor is used for Aspiration of secretion from oropharynx in newly born babies. • Manufactured from non toxic. medical grade polymer. • Transparent Chamber for visual examination of the content. • Catheter is provided with round open tip for non traumatic intubation. • proximal end of suction tube is provided with Funnel shape for easy connection to the suction equipment, • Also available with Filter and without Filter Models.



### Drip Line Air Infusion Set ('y' Set with Luer Lock)

Conforms to International Standards, Cylindrical collapsible chamber with filter fitted direct to spike for convenience having built in airway spike with hydrophobic bacteria filter. , with •y ' connection, Super smooth kink resistant tubing with very efficient roller controller for accurate & unrestricted flow Special beveled extra strong spike. Self Sealing

latex bulb for extra medication & easy flushing Needle 2 IG x 1% " for smooth flow, Drop s i z e of 20 drops/ ml., Individually packed. For single use only, Disposable non toxic & pyrogen free, Sterile ready for use • Luer locking for secure connection.



- Transparent cushioned, crystal clear, flexible 22 F ISO connection.
- Air filled cushion to provide safety and comfortable use
- Suitable for use in respiratory care of anaesthesia and resuscitator.
- Body with antistatic property.
- Good grip.

## Anaesthesia Face Mask (Silicon)

Size: All pediatric and adult 0, 1, 2, 3, 4, 5



## Yankaur Section Set with Standard Handle

- Yankaur Suction Set is used for removal of secretion, and blood per operatively.
- Flexible kink resistant tube provide uninterrupted flow during suction.
- Soft connectors at both ends of the tube for easy connection.
- Available in Crown Tip Handle and Standard Round Tip Handle
- Suitable for use with or without vent control facility.

Packing:

- Sterile, individually packed in peelable pouch pack.
- Box Of 10; Master Carton Of 100 • Gross weight: 19.200kg
- Master Carton Size: 680 x 470 x 520mm



## Infant Mucus Extractor

Used for the infusion of I.V. Fluids and fluid derivatives. INFUSION SET/ IV S  
Features: Constitute extra strong, sharp spike with flexible drip chamber With / without air vent for rapid adjustment of fluid level.

- Clear transparent and flexible drip chamber to see flow rate
- Disc Filter in the drip chamber. Flow rate = 20 drops/ml
- Accurate flow controller
- Strong roller clamp with provision to hold the tube for changing, the fluid container without disturbing the flow rate.

- Kink free 150 cm transparent PVC tubing for easy visualization of flow 6% taper luer, as per International Standard.
- Flush ball type latex Injection membrane for intermittent medication. Also available with a Y-injection site (with or without Latex) Options of luer lock, Luer slip, needle available.

- Sterile, single use and non-pyrogenic.

### Packing Options

- Medical Grade paper pouch with standard plastic film.
- Outer Carton Option : 500 Units



Mr. CLM Injectiv- Single use Syringe

- Non-toxic
- Non-Pyrogenic
- Sterile Single-use
- Compatible with all medications
- Transparent & smooth sliding plunger
- Latex free Elastomer Gasket
- Luer Mount, with or without needle

- Ultra sharp needle, minimum pain
- Manufactured as per ISO 7886
- 5 year self life
- Available size 11/213/5/10/20 ml/cc
- Available in Ribbon & Blister pack

## Mr. CLM Inject Single Use Syringe





- Non-toxic Medical Grade Needle hub Color coded
- Three face profile, lancet point
- Burr free
- Minimal pain on insertion
- Blister packed
- Sterile non-pyrogenic single use

### Mr. CLM Inject Single Use Needle



- Specially designed roller clamp for better flow control
- Sharp bottle needle for better penetration of glass bottles
- Airway needle with filter
- Sterile and pyrogen free
- Top quality vein needle to minimize patient discomfort

### Blood Donor Set



- To connect blood lines of the blood vessels through needles when dialysis is carried out through an internal fistula
- Back eye needle to minimize interruption of blood flow.
- Siliconised ultra thin walled & sharp beveled needle to minimize trauma to the patient
- Soft, frosted and kink resistant PVC tubing

- Flexible butterfly wing for proper fixation
- Color coded wing for easy identification of sizes
- Tube length : 30 cm • Also available in Twin pack

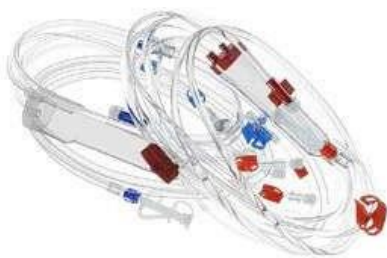
### Fistula Needles



- Butterfly set for long term infusion
- Scalp vein set is designed to provide rapid venous access with greater patient comfort during infusion.
- Short bevelled siliconised needle facilitates atraumatic cannulation.
- Thin wall needle provides better flow rate per gauge, as in the same cannula more circumference is available for better flow of fluid.
- Butterfly shaped wings facilitate easy

- handling and attachment with the skin.
- The proximal end of the set is provided with flexible female luer fitting.
- Rigid luer lock fitting also available on specific demand.
- Butterflies are colour coded for instant identification of needle size.
- Butterfly is connected to soft non toxic, non-irritant, medical grade tube, which does not kink or coil set.
- E.T.O. Sterile & Pyrogen Free

### Scalp Vein Set



## Hemodialysis Blood Tubing Set

- Blood tubing set has been specially designed for the patient to connect external system which extracts patient's blood to the dialyzer and then returns patient's blood from the dialyzer.
- Consists Of two parts - arterial and venous - used during dialysis and attached with fistula and dialyzer.
- Unique chambers reduce foaming, increase air removal and do not trap epo

- compliant material of transducer protectors. This helps in ensuring secure machine fit and less incidence of wet out.
- Color coded ergonomic clamps and dialyzer connectors with tethered caps that seal tightly for disposal.
- Kink resistant blood tubing handles easily and ensures fast priming.
- Can be designed according to requirements.
- E. T. O. Sterile & Free.



## Extension Sets / Pressure Monitoring Line

Designed to extend the infusion line, away from the patient.

**Packaging Options** (Low and High Pressure) Medical Grade paper pouch with standard Plastic film

- Inner Carton Options: (a) Units (10cm-100 cm) (b) 1±30 units (150cm 200cm)
- Outer Carton 10±50 Units (10cm-100 cm) (b) 10\*30 Units (150cm - 200cm)

**Packaging Options** ( Flow Regulator) Medical Grade paper pouch with standard Plastic film

- Inner Carton Options: (a) 1 \*40 Units
- Outer Carton Options: (a) 10\*40 Units

**Packaging Options** ( Multi-Ways Extension Lines) Medical Grade paper pouch with standard Plastic film

- Inner Carton Options: (a) 1 Units
  - Outer Carton Options: (a) 10±50 Units
- Features: Sterile, single use and nonpyrogenic. Available in two pressure variants 60 PSI & 100 PSI. 6% luer taper as per International Standard.

**OPTIONS AVAILABLE:**

- Low Pressure.
- High Pressure.
- Extension tube with I.V. Flow Regulator.
- Multi-Ways Extension lines.



## Care Flon

Designed for special necessities of infusion therapy. Ensures pain-free & smooth penetration.

**Packaging Options**

- Hard Blister pack using Medical Grade Paper/Tyvek with standard Plastic Film
- Soft Blister pack using Medical Grade Paper/Tyvek with PVC Free Plastic Film
- Inner Carton Options: (a) 1 • 50 Units (b) 1\* 100 Units
- Outer Carton Options: ( a) Units (b) 10\* 100 Units

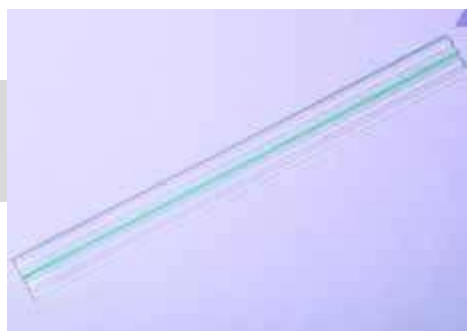
**Features**

- The flash back chamber allows quick visualization Of venous return.
- Wings specially designed for easy gripping and safe clamping.

- Needle cover to prevent accidental damage to needle & catheter
- Color coded body/port cap as per ISO Standard.
- 6% luer taper as per International Standard.
- Triple point Needle for painless insertion
- Thin walled, Radio-opaque stripped / transparent Teflon catheter, as per USP standard Class VI
- Customized Automated Tipping Technology for lower penetration forces
- Optimum trim distance for pain free penetration.

**Features**

- Sterile, single use and non-pyrogenic.
- Latex Free



## Corrugated Drainage Sheet

- Corrugated Drainage Sheet is used for efficient wound drainage.
- Manufactured from Non toxic, medical grade PVC compound.
- Radio Opaque line provided through out the sheet length for x-ray visualisation.
- Designed For efficient multichannel wound drainage



### Peritoneal Dialysis Set

- Y shaped set for administrating dialysis fluid.
- Manufactured from non-toxic, medical grade P.V.C. tube.
- E.T.O. Sterile & Pyrogen Free



### Care ADK (Abdominal Drain Kit)

FG	4	5	6	8
Color	White	Grey	Green	Blue
Code				

- Soft and smooth catheter with large atraumatic eyes for efficient drainage
- Radio-opaque line provided on the catheter for X-ray visualization
- Smooth and round distal end
- Catheter is marked at every 2cm from the cast eye to ascertain the depth of placement
- Proximal end of the catheter is provided with universal taper connector for easy connection to drainage bag.
- 2000ml bag manufactured from extra-strong sheeting
- Specially designed handle hold the

tube upright

- Bag is graduated with easy to read scale
- Options available
- Modification in length and diameter Of the tubing as per the customer's specification.
- Paper- poly pouch packing.
- Manufacturing for customers? special design or with their components.



### Care-Vac Set ( Close Wound Suction Unit)

FG	10	12	14	16	18
Color	Black	White	Green	Orange	Red
Code					

- Care-vac set is an effective device for closed wound drainage under negative pressure post operatively.
- Radio opaque drainage catheters are having multi perforation for efficient drainage.
- Suitable to offer surgeons/doctors to use one or two catheters simultaneously.
- Flexible Bottle chamber is easy to operate by one person to activate the suction.

- Available in different sizes with matching Needle.
- Available With-
  - Bottle Chamber with Hanger.
  - Connecting tube with Matching size Connectors.
  - Needle with perforated Catheter.
  - One extra separate perforated Catheter



### Surgical Tapes / Sports Tapes

- Made From 100% cotton fabric for dressing and general medical applications.
- Coated with custom made non allergenic, non irritating adhesive.
- Adhesive is soft on the skin and does not pull out hair on removal.
- Thermo sensitive adhesive activate better when it comes in contact with warm human skin Packing
- Rolled



## Surgical Pad / Gauze & Cotton Tissue

Sizes 6cm x 6cm 10cm x 10cm 10cm x 10cm

- Fine absorbent cotton covered with a layer of low limit gauze fabric.
- Meets BP/USP standards.

### Packing

- Sterile, individually packed in peelable pouch pack.
- Carton of 500pcs.
- Gross weight: 7.320kg
- Master Carton size: 280 x 482 x 788mm



## Surgical Blade with Handle

- Ready to use, Sterile
- Fitted on handle No. 3 or 4

### Packing

- Pack of 20. Carton of 200pcs.
- Gross weight: 1.780kg
- Master Carton size: 152 x 229 x 254mm



## Biopsy Needle

- Used for taking the tissue of the patient for biopsy.
- E.T.O. Sterile & Pyrogen Free.



## Mini Drain O Pac

- Jackson plate type 7mm Flat drain is manufactured from extra soft PVC, X-ray opaque line provided throughout the length Of catheter.
- E.T.O. Sterile and Pyrogen Free.





### Extension Sets / Pressure Monitoring Line

Size: 10, 12, 14, 16, 18 FG

Closed wound drainage device under negative pressure with option to use one or two catheter. REDON type drains with Aleene needle have radio opaque line and burr free eyes. Graduated bellow allows user to measure drainage volume. E.T.O. Sterile & Pyrogen Free



### Urine Collection Bag (with measured volume meter)

- Urine Collecting Bag with measured volume meter is used for measurement of urine output.
- 2000ml Urine Bag is manufactured from extra strong sheeting to withstand during the long period.
- 250 ml Capacity measured Bottle provides accurate measurement of urine output.
- Urine Bottle is directly connected to the Urine Bag as to avoids any possibility of contamination.
- Push/Pull type Bottom outlet facilitates convenient emptying of Urine Bag.
- 90cm kink resistance tube provided with Universal connector.

#### Packing

- Sterile, Individually packed in Tear H.M pack.
- Master Carton of 400. • Gross weight: 25.200kg
- Master Carton size: 750 x 305 x 650mm



### Urine Collection Bag (with hanger)

Our organization is engaged in manufacturing and supplying a wide range of Urine Collection Bag (Item Code : CLM/MD/U-003) with 2000 ml capacity. This bag is provided with double seal along with universal hanger with button lock to give a leakage free service. Being packed in paper-poly pouch, these bags are easy to carry.

#### Specifications:

- Bottom draining t' valve • Inlet tubing 8/32" x 39"
- Robert clamp • Anti-reflux flutter valve
- Latex free • Inlet sampling port



### Urine Collection Bag (Paediatric)

- Urine Collecting Bag Paediatric is used for urine collection for both Male and Female infants.
- 100ml Urine Bag consist of Hypo allergic adhesive for proper fixing of urine bag. Urine Bag is graduated with easy to read scale.

#### Packing

- Sterile, Individually packed in polybag.
- Box of 100; Master Carton of 2000. • Gross weight: 18.100gm
- Master Carton size: 650 x 380 x 430mm



**Urethral Catheter**

- Urethral Catheter are used for urine drainage.
- Catheter are made from non-toxic non irritant medical grade PVC Compound.
- Distal end is coned with two Lateral eyes for maximum drainage.
- Proximal end is provided with Funnel shape connector for easy connection to Urine Bag.



**Nelaton Catheter**

- Nelaton Catheter are used for bladder catheterisation through urethra.
  - Catheter are made from Non toxic, non irritant, Medical grade PVC compound
  - Radio opaque line provided through out the catheter for X-ray visualization.
  - Distal end is coned with two lateral eyes for maximum drainage.
  - Proximal end is provided with Funnel shape connector for easy connection to Urine Bag.
  - Funnel shape connectors are colour coded for identification of sizes.
- Packing
- Sterile, Individually packed in peelable blister pack.
  - Box of 100; Master Carton of 1000.
  - Gross weight: 14.200kg
  - Master Carton size: 680 x 315 x 530mm



**Foley Balloon Catheter**

- Foley Balloon Catheter is a Urinary tract catheter used for short or long term urine drainage.
- Catheter are made from Natural Latex Rubber.
  - Siliconised smooth surface for non traumatic intubation.
  - Distal end is coned with super smooth eyes proportional to each other to provide non traumatic intubation.
  - Provided with ultra thin, highly elastic Balloon.
  - Hard Non Return Valve ensures trouble free inflation and deflation of Balloon.
  - Also available in 100% Silicon elastomer.
  - For sizes 16 to 26 Fr, smaller balloon capacity is also available



**Umbilical Catheter**

Designed for intermittent or continuous access to the umbilical artery or vein of newly born or premature infant. Manufactured from non-toxic soft medical grade P.V.C. which yields easily to tissue contours at body temperature. Individually straight packed in peel-off pouch packing to ensure aseptic handling. E.T.O. Sterile & Pyrogen Free.



**Male External Catheter**

Penile Sheath / External catheter, provided with self adhesive coated strip for proper fixation on to the penis. Proximal end is designed for easy connection to urine bag/leg bag, making it simple to use. Individually packed and ready for use. E.T.O. Sterile and Pyrogen Free.

**Size:** Small/Medium/Large/Extra Large

**Packing:** Box of 25 pcs



**T.U.R. Set  
(Trans Urethral Resection)**

- Manufactured from Medical grade non toxic, non kinkable, PVC tube.
- 'Y' shaped set for endoscopic irrigation during trans urethral resection of prostate gland.
- Thumb operated clamps, help quick and smooth changeover of bottles.
- Proximal end fitted with flexible latex tubing for easy connection to endoscope.
- Sterile / Disposable / Individual Packed.
- Distal end is coned with corrosion resistant.
- Stainless steel balls sealed into the tube.



**Ryles Tube**

Penile Sheath / External catheter, provided with self adhesive coated strip for proper fixation on to the penis. Proximal end is designed for easy connection to urine bag/leg bag, making it simple to use. Individually packed and ready for use. E.T.O. Sterile and Pyrogen Free.

**Size:** Small/Medium/Large/Extra Large

**Packing:** Box of 25 pcs.



**Levin's Tube - Stomach Tube**

- Designed for gastro-intestinal feeding and aspiration.
- Distal end is coned with four lateral eyes.
- Low friction Medical grade PVC reduces the incidences of nasal discharges.
- Radio opaque line throughout its length helps checking the position radiologically.
- Proximal end is provided with universal funnel shape connector.
- Marked at 45,55, 65 & 75 cm from the tip for accurate placement.
- Sterile / Disposable / Individual Packed.

Options

Modification in length and diameter of the tubing as per the customer's specification. Paper-poly pouch packing. Straight packing

Available



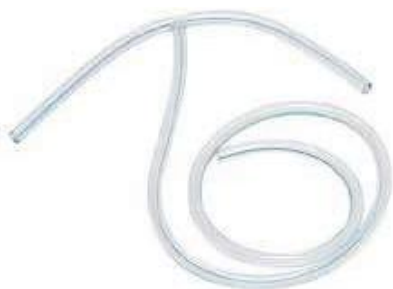
### **Stomach Tube**

- Designed for nasal & gastric introduction for nutrition & aspiration of intestinal secretion.
- Siliconised & smooth outer surface to reduce chances of tissue irritation.
- Thermosensitive material softening with body temperature conforming to the shape of naso-gastric tract.
- Provided with full-length radioopaque line for checking the tube placement.
- Provision of three eye-holes for efficient aspiration.
- Soft tapered connector at the proximal end to fit easily with standard accessories.
- Sterile, non-toxic and pyrogen free.

Size : 8/10/12/14/16/18/20 FG

#### **Options Available**

- Modification in length and diameter of the tubing as per the customer's specification. Paper-poly pouch packing.
- Straight packing



### **Kehr's "T" Tube**

- Kehr's "T" tube is used for short term post operative drainage of common bile duct.
- Manufactured from soft non toxic, medical grade PVC compound.
- Radio opaque line provided throughout the tube for X-ray visualization.
- Super smooth tube surface prevent clogging.
- Available in natural and latex rubber Packing
- Sterile, Individually packed in peelable pouch pack.
- Box of 50; Master Carton of 500 • Gross weight: 12.300kg
- Master Carton size: 790 x 275 x 475mm

**Sizes :** FG: 8, 10, 12, 14, 16, 18, 20, 22

**Length :** 20 x 60cm



### **Infant Feeding Tube**

- Manufactured from non toxic PVC non irritant to delicate mucosa.
- Suitable for neonates and paediatric nutritional feeding.
- Distal end is coned with two lateral eyes. • Proximal end is fitted with female luer mount for easy connection feeding funnel or syringe.
- Low friction tubing & super smooth tip ensures trauma free intubation.
- Radio-opaque line is provided throughout its length for X-ray visualization. • Sterile / Disposable / Individual Packed



### **Colostomy Kit**

- The Colostomy Kit gives perfect relief and comfort during prolonged use.
- It is light weight, flexible and the belting arrangement fits the body well
- 'U' form padding is provided between the sleeve and main body for better comfort
- 100 poly spare bag provided.

#### **Packing**

- Individually packed in a box • Master Carton of 50 Boxes
- Gross weight: 14.700kg • Master Carton size: 790 x 275 x 475mm





- Colostomy Bag is used for closed colostomy procedures.
- Manufactured from clinical grade PVC sheet.
- Coated with Hypo-allergic adhesive to prevent skin maceration.
- Hole diameter and bag can be resized as per customer's requirement.
- Non-Sterile, pack of 10
- Box of 100; Master Carton of 1000.
- Gross weight: 13.200kg
- Master Carton size: 580 x 160 x 340mm

**Size:** 8/10/12/114/16118120 FG

## Colostomy Bag



- Safe birth assistant
- Minimizes risk of trauma and cephalohematoma of fetal cranium.
- Sterilizable - 60 mm & 70 mm cup
- Connectable to any suction unit with gauge & release valve.

## Silicon Venteuse Cup



- Specially designed for aseptic menstrual termination of pregnancy
- Distal end is coned with two large lateral eyes to facilitate the curette.
- Suitable for use with MIP syringe of suction apparatus.
- Individually packed in peelable pouch.
- E.T.O. Sterile & Pyrogen Free

**Size .** 4,5,6,7,8,9,10,11,12 FG

## MTP Cannula



Designed for clamping the Umbilical Cord immediately after birth. Provided with double purpose security lock and protection against accidental reopening. Finger grip ensures safe & convenient handling. Provided with grooves all along the length. Manufactured from Non Toxic Medical grade polymer. E.T.O. Sterile & Pyrogen

## Umbilical Cord Clamp



**Cytobrush/Endocervical Brush**

- Cyto brush /Endocervical brush is used for Cervical Papanicolaou (Pap) smear screening
- Consist of Brush and the Wooden spoon Strip.
- Packing
- Sterile, individually packed in peelable pouch pack.
- Box/Pack of 50. Carton of 500
- Gross weight: 7.500kg
- Master Carton

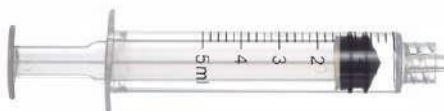
size: 250 x 110 x 110mm

Size : 8/10/12/14/16/18/20 FG



**Angio Kit**

- Angiography Kits contains Manifold 3 RN, IV Set Vented + Non Vented, Pressure Monitoring lines 48", High Pressure Tubing 10".
- Custom designed kits are available as per requirement.
- Selection from wide range of Manifolds, Fluid Delivery Systems, Pressure Monitoring Lines, Syringes, Hemostasis Components, Control Syringes.
- Individual components are also available in sterile packaging.
- Various packaging configuration available (pouches, drapes wrap, tray)



**LUER LOCK SYRINGE**

- High-transparency barrel – makes it easy to see syringe content.
- Silicone lubrication – ensures smooth plunger movement.
- Safe plunger backstop – prevents accidental withdrawal of plunger.
- Large and stable finger grip – ensures stability and comfort during injection
- Capacity - 1ml, 2ml, 3ml, 5ml, 10ml, 20ml, 30ml, 60ml
- DEHP-, PVC- free, not made with natural rubber latex.
- Sterile and single-use.
- Sterilization method: ethylene oxide.



**Guide Wire**

- J/Straight Tip
- Teflon spray coated
- Stainless spring steel wires
- E.T.O. Sterile & Pyrogen Free



- Manifold 3Core Right Off, Syringe 5
  - I.V. set Vented-02 Nos, PM Line Clear 150 cm (PT 60)
  - PM Line clear 25 cm (PT 10), Torque device
  - Hemostasis-Y Large Bore, Needle Blunt-20 Gx10 cm
  - Syringe 10 ml LL-02 Nos, Syringe 3 ml-01 Nos. E.T.O. Sterile and Pyrogen Free.
- Size : 10, 12, 20ml

## PTCA Kit

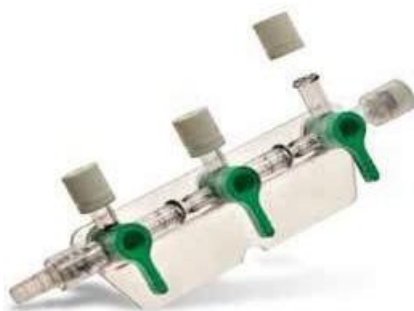


- Introducer needles are available in different sizes: -

18GA, 07CM  
19GA, 07CM  
20GA, 3.8CM  
21GA, 3.8CM

- E. T. O. Sterile and pyrogen free.

## Introducer Needle



- The products is pressure tested and provided with protective caps on the female connections, can be provided in the colour combination Of blue, white & red.
- The housing of the manifold with 2 way, 3 way & 4 way stop cock.
- The stop cock can be turned by 360 degrees.
- E. TO. Sterile & pyrogen Free,
- Disposable Manifold with rotating luer lock with 550 psi 11050 psi

## Manifolds



The Arterial filter combines easy handling, effective elimination of Gas EMBOLI. FAT EMBOLI and Aggregates composed of Platelets, Red Blood Cells and other debris. Filter based on completely new construction principle increases the efficiency and brings maximum safety to the patient. Filtration membrane 40 micron. Priming Volume 165 ml. Maximum Flow 7 L/min\_ E. TO. Sterile & Pyrogen Free

## Arterial Line Filter



- Non-toxic medical grade P.V.C. tubing.
- Vented protective caps are provided at tubing ends.
- Available in variable lengths as per customers specification.
- E.T.O. Sterile & Pyrogen Free.

Size 1/2" X 3/32". 3/8" X 3/32".  
1/4" X 1/16" Other size

## A.V. Tubing



**Gas Line Filter**

- Hydrophobic Gas line Filter (0.2 micron) medium prevents the back flow Of liquid.
- Removes Microorganisms & Particles.
- E.T.O. Sterile and Pyrogen Free.



**Tie Wraps**

- Made of medical Grade Nylon ST-66.
- E.T.O. Sterile & Pyrogen Free.
- Non-sterile option also available



**Tie Gun**

To fasten the tie wraps over the tubing, connectors and other devices.



**Tubing Organizer**

- Tubing organizer is manufactured from polypropylene plates.
- Plates are provided with different size of holes for the proper placement of tubing during surgical procedures.
- E.T.O. Sterile and pyrogen Free



**Vessel Canuala**

- Use for quick and safe testing of blood vessels.
- Transparent and soft tip allows easy applicator.
- E.T.O. Sterile & Pyrogen Free





- Non-toxic medical grade PVC tubing with one way valve on ratio 100:1.
- E.T.O. Sterile and Pyrogen Free.

### Purge Line with one way valve



- Consists of non-toxic medical grade 1/4 inch PVC Tubing with vented plastic spike, protective cap and EC connector.
- E. TO. Sterile and Pyrogen Free.

### Quick Prime Line



- The suction devices consists of special stainless steel tube with a ribbed / mini tip and ergonomically formed handle.
- E.T.O. Sterile and Pyrogen Free.

### Rigid Suction Devices



### Inter Coastal Drainage System

- Inter Coastal Drainage System for collection of drainage fluid from thoracic and abdominal cavity
- Specially designed moulded handle for easy carrying and hanging for bag
- PVC drainage bag with 1000 ML. capacity
- Soft and kink resistant non-toxic medical grade PVC tubing
- E.T.O. Sterile and Pyrogen Free



### Disposable Chest Drainage System (Adult)

- Surgical chest drainage bottle has 2.5 liter capacity making it suitable for cardiac and thoracic procedure.
- Easy to read graduation help to determine the drain volume precisely.
- Clearly marked initial level ensure the under water seal.
- Write on facility on the side Of scale helps monitoring Of drain volume.
- Separate suction port is provided to connect with suction unit.
- Kink resistant large bore tubing facilitates unrestricted flow, Unit is provided with hanger and floor stand.
- Complete unit is sterile and packed in a box.
- E.T.O. Sterile and Pyrogen Free



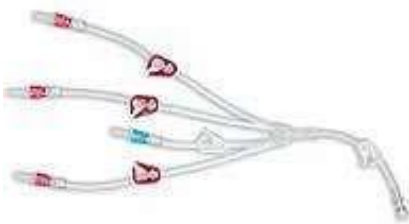
Cardioplegia Connectors are manufactured from GE LEXAN polycarbonate. Manufacturing and processing satisfy the highest standards. The inside Of Connectors is completely smooth allowing for less turbulence in blood flow. Straight Cardioplegia Connector has Male Luer Lock at one end & connecting size % at other end. E. T. O. Sterile and Pyrogen Free.

### Cardioplegia Connector



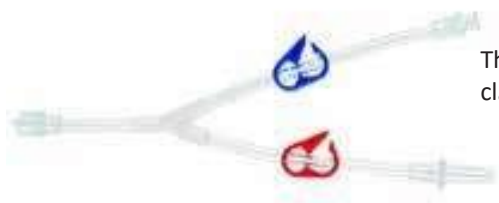
- Single chamber compact unit has 900ml capacity for paediatric use.
- E.T.O. Sterile and Pyrogen Free

### Disposable Chest Drainage System (Paediatric)



The Multiple Perfusen set provides simultaneous perfusion of the aortic root and up to three or more vein grafts. The set features an inlet port with female luer and clamp attached to an adapter which splits into four legs. The legs have locking male luers locks and color coded clamps for easy identification. DISPOSABLE • Single chamber compact unit has 900ml capacity for paediatric use. • E.T.O. Sterile and Pyrogen Free

### Cardioplegia Adapter (4-Way)



This adapter features a female luer on the single leg. A rigid Y has two legs with white clamps and terminate with male luers.

### Cardioplegia Adapter - 2 Way



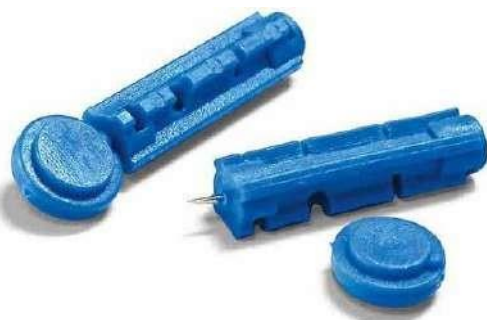
- Made from non-toxic medical grade P.V.C. tubing.
- Catheter is provided with trocar for easy penetration, placement and handling.
- Two lateral eyes for efficient drainage.
- Proximal end fitted with tapered connector for easy connection to the drainage bottle / bag.
- Marking on catheter is provided at 5, 10, 15, 20 cm from the distal end to help ascertain
- Radio opaque line on catheter
- E.T.O. Sterile & Pyrogen Free.

### Chest Drainage Catheter with Trocar



This adapter features a female luer on the single leg. A rigid Y has two legs with white clamps and terminate with male luers

### Cardioplegia Adapter - 2 Way



- Blood Lancet used as a manual blade to make a limited skin incision as for collection of Blood.
- Made from medical grade Stainless Steel and polymer.
- Ultrasonic cleaned.
- Super sharp tip for the instant incision. Packing
- Sterile, individually packed in peelable pouch pack.
- pack of 200. Carton of 20000pcs.
- Gross weight: 13.00kg
- Master Carton size: 432 x 432 x 432mm

### Blood Lancet



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