Elektro GENESIS
Cherish your life, Cherish your health!

ELEKTRO GENESIS ME LLC

Cherish Your Life, Cherish Your Health!

MEDICAL EQUIPMENTS

Index

Who we are

Elektro Genesis ME LLC has emerged as a leading force in the medical equipment industry, rapidly growing from its modest origins in the Middle East to become a multinational powerhouse. As one of the largest distributors and suppliers of medical equipment across Africa, GCC, and the Middle East, we have established an unrivaled reputation for reliability and quality.

Our Reach:

Operating in multiple countries, including Ghana, Kenya, Uganda, Liberia, the United Arab Emirates, and Zambia, we have built a strong presence in key markets. Our extensive distribution network ensures that healthcare professionals in these regions have access to cutting-edge medical instruments and devices.

Our Commitment:

At Elektro Genesis, our unwavering mission is to provide customers with medical equipment built to the highest standards, without compromise. We take great pride in the longstanding relationships we have cultivated with our clients over the past 20 years. Their trust in our ability to deliver unmatched products and services sets us apart from the competition.

Our Mission :

Elektro Genesis is committed to delivering exceptional value to its customers worldwide by providing technologically advanced medical products of the highest quality at affordable prices. We aim to establish a comprehensive distribution network that serves clients across continents, including Asia, Europe, the Middle East, and the GCC. Through continuous innovation and a relentless focus on customer satisfaction, we strive to improve healthcare outcomes and enhance the well-being of individuals and communities globally.

Our Vision :

Our vision is to be a trusted leader in the global medical equipment industry, renowned for our unwavering dedication to excellence, integrity, and customer-centricity. We are driven to expand our product portfolio with state-of-the-art technologies that cater to the evolving needs of healthcare professionals worldwide. By cultivating strategic partnerships and leveraging our expertise, we aspire to shape the future of healthcare delivery, offering innovative solutions that positively transform patient care and outcomes. Together with our valued clients and partners, we envision a healthier and more accessible healthcare landscape spanning across continents.

THE UTMOST SUPERIOR QUALITY
HOSPITAL FURNITURE

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Hospital Bed Simple With and Without Wheels

Stainless steel head & foot boards can be removable. Bed sheet top is made from perforated steel, epoxy powder coated and baked finish. Bed framework made from mild steel ERW rectangular tubes. With telescopic SS IV pole; With shoes holder; The feet with rubber cover.

Hospital Bed Head Adjustable With and Without Wheels

Stainless steel head & foot boards with panels. Bed sheet top made from perforated steel, epoxy powder coated and baked finish. Bed framework made from mild steel ERW rectangular tubes.
1 function adjusted by steel hand crank
Backrest lifting angle: 80°±5°

Hospital Bed Head Adjustable with ABS

ABS head & foot boards can be removable. Bed sheet top made from perforated steel, epoxy powder coated and baked finish.
Bed framework made from mild steel ERW rectangular tubes.
1 function adjusted by hand crank
Backrest lifting angle: 80°±5°

Hospital Bed Head & Leg Adjustable with ABS

ABS head & foot boards can be removable. Aluminum alloy side rail,6-staff, collapsed type with safe lock. Bed sheet top made from perforated steel, epoxy powder coated and baked finish. Bed framework made from mild steel ERW rectangular tubes. Covered castors dia125mm with brake. With turning table and shoes holder. With telescopic SS IV pole. 2 functions adjusted by hand crank: Backrest lifting angle: 80°±5° Kneerest lifting angle: 40°±5

Hospital ICU Bed 3 Function Electrical

6-staff aluminum alloy side rail panels. Bed sheet top made from perforated steel, epoxy powder coated and baked finish. Bed framework made from mild steel ERW rectangular tubes.
Dimension: 2150*970*450-720mm. With drinage bag holders With telescopic SS IV pole 3 functions: Backrest lifting angle: 80°±5° Kneerest lifting Height adjustment (without mattress): 500-750mm

Hospital ICU Bed 5 Function Electrical

6-staff aluminum alloy side rail; Bed sheet top made from perforated steel, epoxy powder coated and baked finish. Bed framework made from mild steel ERW rectangular tubes.
Dimension: 2150*970*450-720mm. With drainage bag holders With telescopic SS IV pole 5 functions: Backrest lifting angle: 80°±5° Kneerest lifting angle: 40°±5° Height adjustment (without mattress): 500-750mm
Trendelenburg: 12° Reversed
Trendelenburg: 12

Hospital Bed Four Crank Five Function

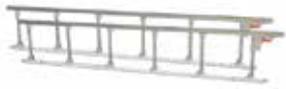## Hospital Orthopedic Beds with accessories

Hospital Baby Beds and Baby Cribs

Hospital Baby Beds and Baby Cribs

Hospital Bed Side Rails

Medical Beds I.V Poles

Over Bed Table

Bedside Cabinet Metallic & Plastic

Ward Screen 3 fold, 4 & 5 fold

Mayo Trolley

Ultra Sound Trolley

ECG & CTG Trolley

Wash Basin Single & Double Stainless Steel

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Hospital Stainless Stretcher

Reinforced folding rails. ø125 mm Casters with bumpers, two of them with brakes.
Accesories included: oxygen bottle holder, I.V. stand, and objects bearing tray. Synthetic leather upholstery.
Bed dimensions: 1900 x 550 mm Structure made of enamelled or stainless steel.
Dimensions: 2000 x 700 x 850 mm

Stainless Steel Patient Trolly

Material:
Stainless steel Standard accessory:
5" casotrs,20mm leather cover mattress

Stainless Steel Stretcher

Features:
Emergency case transfer, the bed top is a stretcher that can be separated from the trolley. High-strength aluminum alloy thick-wall pipe. Detachable surface and can be used as a stretcher Back is adjustable.
Product Size (L x W x H):
High Position: 190 x 55 x 88cm
Low Position: 190 x 55 x 54cm > Load
bearing: ≤159kg

Hydraullic Stretcher

Dual sıded foot pedals for hı-lo Bumpers on 4 corners of the strecther.
Trendelenburg function by pedals on foot end chasis.
360° swivel wheels with central brake system and directional lock
Backrest adjustment by gas spring.

Executive Hospital Stretcher

L1925xW663xH1500-850mm Aluminum alloy bed frame with powder coated PP plastic bed surface, PP hydraulic spring side rails, easy operation by single hand Backrest adjustment 0- 70° by gas spring, Central brakes system, 5th directional castor, Loading capacity: 135KG stainless steel IV pole,oxygen tank holder
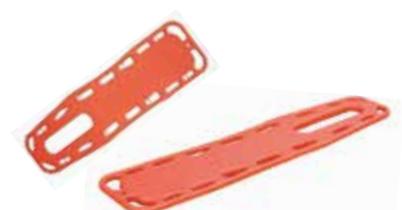

Ambulance Stretcher Trolley

Made of high quality aluminium alloy material, with foamed mattress Back can be adjusted by gas spring Stretcher legs can be folded automatically when
loading in ambulance With fixing device, can be locked on ambulance.

| Two Fold Stretcher

| Scoop Stretcher

| Spine Board

HOSPITAL TROLLEYS

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Instrument Trolley

Size (L): 750x500x800mm
Size (M): 640x450x800mm
Size (S): 500x400x800mm

Instrument Trolley

Size (L): 750x500x800mm
Size (M): 640x450x800mm
Size (S): 500x400x800mm

Treatment Trolley

Stainless steel with castor, drawer, basin ring & handle
Size (L): 750x500x800mm
Size (M): 640x450x800mm
Size (S): 500x400x800mm

Treatment Trolley

Stainless steel with castor, drawer, basin ring & handle
Size (L): 750x500x800mm
Size (M): 640x450x800mm

Instrument Trolley

Stainless steel with castor, fan shape
Size (L): 1400x500x800mm
Size (S): 1300x500x800mm

Wash Basin Trolley

With one basin or two basin
Detachable Type
Size: 800x380x800mm

Dressing Trolley

Size: 900x500x800mm

Emergency Trolley

Packing Size 870×570×900mm
Power Outlet Embeded Socket Four Columns, Aluminum Alloy Four Casters, Defibrillator Shelf, Sliding Side Shelf, 5 Drawer, IV Pole Side Baskets, Side Dustbin, CPR Board, Oxygen Tank Holder, CT file Box

Anesthesia Crash Cart

Medical Trolley Executive

ULTRASOUND MACHINE

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Ultrasound Machine Portable

Unit Parameters

Scanning Model	Electronic Linear Array, electronic convex array
Cine-loop	≥ 400 frames
Image Storage	≥ 32 frames
Display Depth	≥ 250mm
Scanning Angle	Visible and adjustable
Display Mode	B、B+B、B+M、B+M/M、M、4B
Operation Interface	Chinese/English switchable
TGC Adjustment	Near Field, Far Field, Total Gain Independent Adjustment
Focus Control	Focus Number, Focus Distance, Focus Position Adjustment
Image Processing	Image Black/White, Gamma Correction, Edge Enhancement & Histogram
Real-time Depth	16 levels are adjustable
Zoom	≥2 times
Probes	(1) Linear (2) Convex (3) Transvaginal (4) Endo-rectal

ELK 360DM adopts multiple technologies such as micro-computer control and digital scan converter (DSC), digital beam-forming (DBF), real time dynamic aperture (RDA), real time dynamic receiving apodization(DRA), real time Dynamic receiving focusing (DRF), Digital frequency Scan (DFS) which can display a high quality, stable and high resolution image.

The external video printer and external monitor display can be realized with the PAL-D Video output port. All the ultrasound images can download to PC with high speed USB 2.0 port. Various image processing software packages are available

Ultrasound Machine

Platform PC	Control Platform based on WINDOWS system
Scanning Model	Electronic Linear Array, Electronic Convex Array
Image Storage	BMP, JPG, DCM, and tif are available; built-in hard disk≥160G
Display Depth	250mm
Scanning Angle	≥152°
Image Processing	Edge enhancement, tissue harmonic, scanning line density, Gamma Correction, Histogram
Pseudo-color	≥ 10 types
Image Enhancement	≥7 types
Focus Adjustment	Focus Number ≥4; focus span and focus position are adjustable Patient Records
Management System	Add, Search, Revise and Report functions are available.
External Ports	Video port, RS-232 Port, USB Port, DICOM3.0 Port, PS/2 Port and XGA

Features

• Adopting Multiple technologies such as digital scan converter (DSC), digital beam forming (DBF) , real-time dynamic aperture (RDA), dynamic receive apodization (DRA), dynamic receive focusing (DRF), dynamic frequency scan (DFS) and so on
• Image optimization and enhancement, smoothing, frame correlation processing, pseudo-color ,Gamma Correction, Real-time Zoom/ Zoom to area
• Automatically report generating accords to image collection, diagnostic description and measurement projects.
• Diversified and Complete image-text medical records management function; Typical & upgradable medical records import/export function; these two functions can satisfy needs of extended clinic applications.

Ultrasound Machine Portable

Efficient Diagnosis
- μ-Scan, Speckle Reduction & Edge Enhancement
- Spatial Compound Imaging
- PIH - Pulse Inversion Harmonic
- Wide Scan - Enlarge Image Area
- PW Doppler
- Chroma - Highlight Image Details
- B Steer for Linear Probe Ergonomics Designs
- 2 Transducer Ports
- Light Weight and Compact
- 15.6 inch Anti-flickering HD LED Screen
- Tilting Monitor Angle Adjustment
- Backlit Keyboard and Intelligent Panel
- Long-lasting Battery for 90mins Ease of Use
- Quick Boot Up
- Auto Brightness Adjustment
- Auto Image Optimized
- Auto IMT
- Auto Trace Equipped Accessories
- Wi-Fi and Bluetooth Available
- DICOM
- 500GB Hard Disk
- Height Adjustable Trolley
- Durable, Carry-on Site Suitcase

E1

E1, as a new hand carried BW ultrasound model, is equipped with complete functions which enhance its competitiveness among entry level ultrasound models. It not only provides satisfying image quality but also brings users smooth workflow experience.

Ultrasound Machine Color Portable

Efficient Diagnosis
- μ-Scan, Speckle Reduction & Edge Enhancement
- Spatial Compound Imaging
- PIH - Pure Inversion Harmonic
- Wide Scan - Enlarged Image Area
- Tissue Specific Imaging
- SR Flow
- Ergonomic Designs
- Up to 2 Transducer Ports
- Light Weight and Compact
- 15.6 inch Anti-flickering HD LED Screen
- Tilting Monitor Angle Adjustment
- Backlit Keyboard and Intelligent Panel
- Long-lasting Battery for 90 mins
- Ease of Use
- Quick Boot Up
- Auto Brightness Adjustment
- Auto Image Optimization
- Auto IMT
- Auto Trace
- Equipped Accessories
- Wi-Fi and Bluetooth Available
- DICOM
- 500GB Hard Disk
- Height Adjustable Trolley
- Durable, Carry-on Site Suitcase

E1 EXP

Always looking to improve our products and to bring you the medical solutions you need, SonoScape has developed a new probe and function for the E1 Exp. With these additions the E1 Exp will bring users a more efficient examination experience with satisfying image quality and a smooth workflow.

Ultrasound Machine Portable

E2 is a color Doppler ultrasound system that reaches beyond your expectations due to its compact and fashionable appearance. It fulfills GI, OB/GYN, Cardiac and POC applications to fit your routine scanning needs while its color mode will help you for more accurate and efficient diagnosis of lesions. E2 provides wide range of applications to assist users for routine scanning. E2 provides automatic calculations to enhance your diagnostic confidence and save you time for patient communication. Auto Image Optimization With the press of a button the image is automatically adjusted and optimized, saving you time with parameter adjustments. Additionally, with Auto Focus on, the focus area follows the depth of the ROI box as it is moved in the scanning field, providing users an excellent image quality in the desired area of interested

Automated Calculation

Auto IMT is used when determining the level of vascular sclerosis present in the patient by automatically tracing the thickness of the carotid vessels. Auto trace provides users sensitive and accurate wave tracing, avoiding error of manual trace and giving out calculation result in no time

E2

Ultrasound Machine
Trolley Color Doppler

Elektro Genesis' trolley color Doppler system S11 redefines price and performance with practical design. The S11 will go beyond your expectations but not your budget. As an easy-to use ultrasound system, the S11 is integrated with a new software platform, especially optimized for a smooth workflow and convenient operation.
The system speeds up the exam process and makes file management easier.

• 15-inch high definition LCD monitor with articulating arm
• Compact and agile trolley design
• 3 active transducer sockets available for a wide range of applications
• Duplex, Color Doppler, DPI, PW Doppler, tissue harmonic imaging,
  μ-scan speckle reduction imaging, compound imaging, trapezoidal
  imaging
• Customized settings based on your own working style
• Full patient database and image management solution

S11

Ultrasound Machine Trolley
Color Doppler

As Elektro Genesis' steps forward to add value and efficiency to ultrasound, the latest S22 was designed in a user-friendly platform to address current and future demanding needs. It represents an excellent mix in performance and price.

S22, is a shared service ultrasound system with a slim and elegant package that has combined mobility with utility to fit in specific clinical situations including emergency department, ICU, operating room and so on. Furthermore, its ergonomic design, easy operating and flexible data management will give you a memorable experience.

• Large high resolution widescreen LED
• Sensitive touch screen
• Four transducer sockets plus one socket for pencil probe
• A comprehensive selection of probes: linear, Convex, Micro-convex, Volumetric, Endocavity, Bi-plane, Phased Array, TEE, Intraoperative, Pencil
• Premium application technology: 4D, μ-scan speckle reduction, compound imaging, Pulse Inversion Harmonic Imaging, Color M-Mode, Steer M-Mode, PDI, TDI, Real-time Panoramic Imaging, Trapezoid Imaging, Auto-IMT...
• Full patient database and image management solutions: DICOM 3.0, AVI/JPG, USB 2.0, HDD, DVD, PDF report
• Multi-Language Input Keyboard
• Built-in battery

S22

Ultrasound Machine Trolley
Color Doppler

A feature-rich system inheriting the Wi-Sono high-end platform, the P15 uses an array of advanced tools to help enhance the image quality. It's a cost-effective, simplified console with an intuitive user interface and multiple intelligent functions. Broad Bandwidth Platform The system ultra bandwidth and advanced probe technology enable better information collection. They provide higher resolu tion at depth with enhanced image quality for accurate diagnosis. Spatial Compound Imaging TheSpatial Compound Imaging utilizes several lines of sight for optimal contrast resolution, speckle reduction and border detection, with which P25 is ideal for superficial and abdominal imaging with better clarity and improved continuity of structures. μ-Scan+ The new generation μ-Scan imaging technology gives you better image quality by reducing noise, improving signal strength and improving visualization

P15

Dynamic Color: Dynamic color improves upon already existing color Doppler technologies for a clearer capture of color flow and detailed visualization of even tiny veins with lower velocities.

Real-time Panoramic: With real-time panoramic, you can acquire an extended field of view for large organs or long vessels for easy measurement and diagnostic efficiency. Accomplished in real-time for the convenience of the sonographers, any mistake can also be easily back tracked and corrected without interrupting the scan.

3D/4D: Outstanding volume performance with speed and convenience makes P15 outshine others on volume imaging.

Tissue Doppler Imaging: Tissue Doppler Imaging allows clinical doctors to quantitatively evaluate local myocardial movements and functions, facilitating them with the ability to analyze and compare the motions of the different parts of the patient's heart.

Auto IMT: Quick measurement of intra-media vessel thickness ensures good reproducibility and high diagnostic efficiency.

Ultrasound Printer

Fast, precise and very efficient. Great analogue b/w video printer specifications: 256 grayscales and a 352 dpi resolution for a detailed, contrast rich printing of patient pictures. And in just 3.9 seconds speed. With a picture memory up to 10 frames that you can select individually. But it's more: P93E can print specific parts of the image and in scaled increments of 0.1 and set the picture enlargement scale from 0.5 to 2.0. To control the brightness and contrast, there are 39 steps available to you (from -19 to +19). Convenient too: All picture corrections are adjustable using the control switches on the front panel, and are also shown by a LED indicator

Ultrasound Printer

With its new minimized dimensions of only 130mm depth, the new P95DW-DC is much smaller than other printers. By this minimized size, weight and 24V DC power supply, the printer is intended to be integrated into smallest space of CT/MRT for printing photo realistic BW images from 100x75mm up to panorama 450x100mm. Simple operation from front panel buttons, easy and fast exchange of paper within few seconds, maintenance free operation are bases for long-term and troublefree usage, on the other side 7 different picture formats, sophisticated possibilities of driver with individually adjustable gamma curve for precise adjustment of printer to fit maximally to any application.

Ultrasound Paper

Ultrasound Gel

Ultrasound Probe & Accessories

THE UTMOST SUPERIOR QUALITY
ANESTHESIA MACHINE

Elektro GENESIS

Cherish your life, Cherish your health!

Anesthesia Machine

Application:

The Anesthesia machine makes a good performance in Intensive Care Units (ICU), Operation room, Anesthesiology Department and other departments. From high to low acuity, simple to complex cases, pediatric to geriatric patients, Superstar Medical Anesthesia Systems offer you the choices you need in ventilation, monitoring and technique. what's more, our expertise in anesthesia delivery and ventilation is based on rich 23-year history of developing anesthesia solutions that meet your needs. Good performance based on High Security, High Accuracy, High Stability and accurate monitoring.

Trust Points

• **Simplicity:** easy to use, easy to move with 4 wheels.
• **Choice:** adapt the equipment to your patients and procedures freely
• **Patient Centered Ventilation:** Precision in an anesthesia ventilator, from conventional ventilation to advanced modes, including 3 modes: IPPV; A/C; SIMV.
• Designed and manufactured by Superstar Medical with over 23 years experience in this area.
• Flexible configurations to suit your needs.
• International standard and advanced technology suitable for wide range use.
• Compact interface and big screen give you better operating experience.
• Over 3,500 units installed in the world.
• 10.4" TFT LCD touch screen displays the Ventilation parameters, Alarming information and Waveform.
• High precision flow meter, instantly know the fresh gas flow to your patient.
• Integration breathing circuit design, ensure easy operating and keep tidy.
• Multiple working modes such as volume control and pressure limit, adapt to wide range patient.
• Vaporizer with temperature, flow compensation and self-lock function, keep safety anytime.
• Multiple parameters monitoring interface, make every parameter clear, let users know the patient conditions in all aspects
• Real time pressure-time, flow-time loop graphics and high precision O2 concentration detection function included.
• Vital sign monitor and Anesthetic gas monitor are optional.

Anesthesia Machine

Features

• More accurate
• Safer and more convenient
• CE marked, meet EU clinical requirements

• ISO quality guarantee
• Suitable for adult and pediatric
• Option Pin-Index for NO/O Cylinder

Specifications

Physical and Environmental Specification

• **Demension:** L600xW740xH1368
• **Storage temperature:** -22°c~+55°c
• **Working temperature:** +10°c~+40°c
• **Storage humidity:** ≤93°c

Electronic Specification

• **Power supply:** AC100~240V±10%, 50/60Hz±1%
• **Battery:** 2.5~4 hours
• **Power consumption:** ≤75VA
• Top light
• Pneumatic Specification
• 22O: 0~1L/min, 1~10L/min
• 23.O flush: 25~75L/min
• 4.Working mode: Closed, Semi-closed, Semi-opened
• 5.APL valve: ≤6KPa
• 227.NO cut off: O pressure lower than 0.1MPa
• 26.O concentration
• 7.Waveform: P-T, F-T
• 8.Loop: F-V, V-P

Alarm

• Airway pressure limit
• O2 concentration
• Apnea
• Tidal volume
• Minute volume
• Respiratory rate
• Power supply failure
• Battery low

ELK20T 14

Anesthesia Machine

Features

- More accurate
- Safer and more convenient
- CE marked, meet EU clinical requirements
- ISO quality guarantee
- Suitable for adult and pediatric
- Option Pin-Index for NO/O Cylinder

Specifications

Physical and Environmental Specification
- Demension: L600xW740xH1368
- Storage temperature: -22°c~+55°c
- Working temperature: +10°c~+40°c
- Storage humidity: ≤93°c

Electronic Specification

- Power supply: AC100~240V±10%, 50/60Hz±1%
- Battery: 2.5~4 hours
- Power consumption: ≤75VA
- Top light

Pneumatic Specification

22O: 0~1L/min, 1~10L/min
23.O flush: 25~75L/min
Working mode: Closed, Semi-closed, Semi-opened
APL valve: ≤6KPa
227.NO cut off: O pressure lower than 0.1MPa
26.O concentration
Waveform: P-T, F-T
Loop: F-V, V-Pt

Alarm
- Airway pressure limit
- O2 concentration
- Apnea
- Tidal volume
- Minute volume
- Respiratory rate
- Power supply failure
- Battery low

ELK35T

Anesthesia Machine

Features

- Advanced anesthesia machine with high technology,support a variety of patients
- Suitable for neonate, pediatric & adult;
- Meet low flow requirement by multi parameter monitoring;
- Electronic flowmeter of high accuracy and intuitive displaying;
- Integrated high temperature sterilization CO2 absorber system,excellent ergonomic breathing
- circuit,with heating and bypass function;
- Safe & reliable gas system
- CE marked, meet EU clinical requirement

Specifications

Physical & Environmental Specification
- Dimensions (WxHxD): 600x1368x740mm
- Weight: 130kg
- Storage temperature: -10~+60
- Working temperature: +10~+40
- Storage humidity: 15%~90%
- Electrical Specification
- Mains: 100-240VA C, 50-60Hz
- Battery: 24VDC, minimum120min

Ventilator Specification
- Patient type: Adult, pediatric & neonate
- Ventilation modes: VCV,PSV,PCV,SIMV,Standby, Manual
- Setting: Touch key & navigator wheel knob&touch screen
- Tidal volume: 20-1500ml
- Ventilation frequency: 0-100bmp
- I:E ratio: 10:1-1:10
- Pressure control: 5-70cmH2O
- Ppeep: 0-40cmH2O
- Inspiratory plateau: off, 0-60%Ti
- Trigger sensitivity: Flow and pressure trigger
- High pressure: 20-100cmH2O
- Low pressure: 0-20cmH2O
- Monitoring: Display: 12TFT color touch screen
- Pressure: Paw, Ppeak, Pplat, Pmean
- Volume: MV, Vt
- Flowmeter
- Vaporizer agent
- Breath rate
- Gas: FiO2

- Compliance
- Graph display: P-T, F-T, V-T waveforms & P-V, F-V
- loops. Waveform frozenAlarm: Pressure: Paw, high/low limit
- Volumes: TV/MV high/low limit
- High limit of breath rate
- Gas: FiO2 high/low limit
- Apnea
- Airway pressure high
- High PEEP level
- Power failure
- Battery low
- Low O2 supply pressure

Pneumatic Specification
- Gas supply: AIR, O2, N2O: 0.28-0.6Mpa
- Flowmeters: Electronic flowmeter
- Gas supply: O2 deficiency alarm
- Hypoxic guard system
- O2flush: 25-75L/min
- Working mode: Closed, Semi-closed, Semi-open
- Driven mode: Pneumatically driven and electronically controlled
- Operating mode: Man. / Vent

Vaporizer
- Support 2 vaporizer (Selectatec compatible)
- Agent type: Halothane, Enflurane, Isoflurane,
- Sevoflulrane available.
- Optional
- EtCO2&SpO2 module
- AGSS
- Anesthetic gas module

ELK55T

VENTILATOR MACHINE

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Application：
The ventilator is suitable for various kinds of medical institutions for cardiopulmonary resuscitation respiratory support. Acute respiratory failure caused by various reasons or incomplete oxygenation dysfunction. Intra-operation, post-operation respiratory support, other respiratory treatment.

Trust Points

- Simplicity: easy to use, easy to move with 4 wheels.
- Choice: adapt the equipment to your patients and procedures freely
- Patient Centered Ventilation: Precision in an anesthesia ventilator, from conventional ventilation to advanced modes, including 8 modes: IPPV; A/C; PCV; SIMV; SPONT/CPAP;PSV;SIGH;MANU.
- Designed and manufactured by Superstar Medical with over 23 years experience in this area.
- Flexible configurations to suit your needs.
- International standard and advanced technology suitable for wide range use.
- Compact interface and big screen give you better operating experience.
- Over 2,000 units installed in the world.

Features

- 12.1" TFT LCD screen displays the Ventilation parameters, Alarming information and Waveform.
- Recycle breathing pipe, ensure easy operating and keep tidy.
- Multiple working modes such as volume control and pressure limit, adapt to wide range patient.
- Vaporizer with temperature, flow compensation and self-lock function, keep safety anytime.
- Multiple parameters monitoring interface, make every parameter clear, let users know the patient conditions in all aspects;
- Real time pressure-time, flow-time loop graphics and high precision O2 concentration detection function included. Stable and low noise air compressor, create quiet work environment for doctors

iHope RS Ventilator

- Dimensions(L*W*H) 310mm * 327mm* 493mm（main unit）664mm * 600mm * 1520mm (with trolley）
- Display Size 18.5 inch-TFT Touch Screen
- Display Resolution (H) x (V) 1080 * 1920pixels
- Brightness Adjustable
- Weight Approximately 12.0kg（main unit, Approximately 33.0kg (with trolley）
- Gas Supply Medical-grade Oxygen
- Pipe Connector NIST or DISS
- Gas Supply Pressure 280-600kPa
- Patient Type Adult, Pediatric, Neonatal (optional)
- Invasive Ventilation Mode*(Double limb)
- VCV (Volume Control Ventilation)
- PCV (Pressure Control Ventilation)
- VSIMV (Volume Synchronized Intermittent Mandatory Ventilation)
- PSIMV (Pressure Synchronized Intermittent Mandatory Ventilation)
- CPAP/PSV (Continuous Positive Airway Pressure/Pressure Support Ventilation)
- PRVC (Pressure Regulated Volume Control)
- V+SIMV (PRVC+SIMV)
- BPAP (Bilevel Positive Airway Pressure)
- APRV (Airway Pressure Release Ventilation)
- Apnea Ventilation
- Non-invasive Ventilation Mode** (Single limb)
- CPAP (Continuous Positive Airway Pressure)
- PCV (Pressure Control Ventilator)
- PPS (Proportional Pressure Support)
- S/T (Spontanous and Timed)
- VS (Volume Support)

THE UTMOST SUPERIOR QUALITY
CPAP MACHINE

Cherish your life, Cherish your health!

Application:

The CPAP System makes a good performance in Neonatal Intensive Care Units (NICU) and other departments. our expertise in ventilation is based on rich 23-year history of developing CPAP solutions that meet your needs. Good performance based on High Security, High Accuracy, High Stability and accurate monitoring.

Trust Points:

• Simplicity: easy to use, easy to move with 4 wheels.
• Choice: adapt the equipment to your patients and procedures freely Designed and manufactured by Superstar Medical with over 23 years experience in this area.
• Flexible configurations to suit your needs.
• International standard and advanced technology suitable for all baby patient around the world.
• Compact interface give you better operating experience.
• Over 2,000 units installed in the world.

Features:

• Integration breathing circuit design, ensure easy operating and keep tidy.
• Real time pressure-time graphics and high precision O2 concentration detection function included.
• Built-in air and oxygen blender, ensure stable oxygen concentration.
• Reliable CPAP control valve and pressure monitoring system improve CPAP adjustment precision.

Application:

The CPAP System makes a good performance in Neonatal Intensive Care Units (NICU) and other departments. Superstar Medical CPAP System offer you the choices you need in ventilation, monitoring and technique. what's more, our expertise in ventilation is based on rich 23-year history of developing CPAP solutions that meet your needs. Good performance based on High Security, High Accuracy, High Stability and accurate monitorin

Trust Points:

• Simplicity: easy to use, easy to move with 4 wheels.
• Choice: adapt the equipment to your patients and procedures freely
• Designed and manufactured by Superstar Medical with over 23 years experience in this area.
• Flexible configurations to suit your needs.
• International standard and advanced technology suitable for all baby patient around the world.
• Compact interface and big screen give you better operating experience.
• Over 2,000 units installed in the world.

Features:

• 7" TFT LCD screen displays the Ventilation parameters, Alarming information and Waveform.
• Integration breathing circuit design, ensure easy operating and keep tidy.
• Multiple parameters monitoring interface, make every parameter clear, let users know the patient conditions in all aspects;
• Real time pressure-time graphics and high precision O2 concentration detection function included.
• Built-in air and oxygen blender, ensure stable oxygen concentration.
• Stable and low noise air compressor create quiet work environment for doctors, can be used for 2-3 CPAP Systems together.

Infusion Pump

• Dimension 146 x 193 x 95mm
• Infusion set Applicable to GB 8368-2005 disposals; diametersC!J3.5-4.5mm, thickness 0.8-1.2mm
• Infusion mode Rate mode
• Flow rate range 0.1~ 1500ml/h
• Accumulated volume 0.1~9999 ml
• VTB! 0.1~999.9 ml, increment is 0.1 ml; 1000-9999ml, increment is 1ml
• Increment 0.1~999.9 ml/h, increment is 0.1 ml/h; 1000~1500 ml/h, increment is 1 ml/h
• Accuracy ±5%
• Occlusion Low 150±125 mmHg (20kPa); Medium 525±125 mmHg (70kPa);
• High 900±180 mmHg (120 kPa)
• Air bubble detection Single bubble detection: 50, 100, 250, 500, 8001 μl
• Accumulated bubble detection: 0.1-4.0ml/h, adjustable
• Screen 2.5" LCD monochrome screen, 132 x 32 pixels
• Titration Yes, increment is 0.lml/h

CPAP MACHINE

Elektro
GENESIS
Cherish your life, Cherish your health!

Instrument Tray

Bed Pan For Adults

Washing Bottle (LDPE)

Hospital Baby Beds and Baby Cribs

Urinal Male

Urinal Male

Measuring Jug

Gallipot

Instrument Tray

Bed Pan Male & Female

Kidney Tray Stainless Steel

Catheter Tray Stainless Steel

Bowl & Spitting Pot

Gallipot

Urinal Male & Female

Urinals Male & Female Graduated without Lid

Bowl & Spitting Pot

Forceps & Thermometer Jar

LABORATORY EQUIPMENTS

Elektro GENESIS
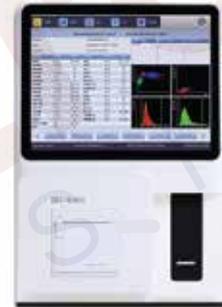Cherish your life, Cherish your health!

3-Part-Diff Hematalogy

- 21 Parameters with P_LCC, P_LCR and RBC, WBC, PLT histograms
- Micro sample volume at 13μL for whole blood mode and 20μL for pre-dilute mode.
- 2 reagent system (diluent & lyse), internal storage of lyse
- On board storage capacity of 100,000 samples results
- RFID reagent close system optional
- Support USB data backup & system upgrade
- Build-in thermal printer
- LIS and HIS available with HL7 protocol
- Small in size and light in weight

EG-30

5-Part-Diff Hematalogy

- Reticulocyte test: RETIC_ABS, RETIC%, IRF
- 34 parameters, 2 histograms, 2 scatter grams
- Compact design of 5-part
- The combination of WIC and WOC for WBC counting
- On board storage capacity of 200,000 samples with all grams
- Support variety of external color printers
- LIS and HIS available with HL7 protoco

EG-51

5-Part-Diff Hematalogy

- Body-fluid Test: WBC-BF, RBC-BF, MN%, MN#, PMN%, PMN#, TC-BF#
- Leukemia screening from BLAST; BLAST# (research parameters)
- Reticulocyte Test: RETIC_ABC, RETIC%, IRF 49 Parameters, 2 histograms, 2 scatter grams, and two
- 3D stereograms
- The combination of WIC and WOC for WBC counting
- On board storage capacity of 600,000 samples with all grams
- Built-in bar code reader
- LIS and HIS available with HL7 protocol

EG-53

Semi Automatic Chemistry Analyzer

- Compact yet robust
- Large 7-inch color touch screen
- High quality filters with 8 wavelengths
- Flowcell & disposable cuvette mode
- Reaction curve display and print
- Multi-point calibration supported
- Internal thermal printer

Automatic Chemistry Analyzer

Instrument Type:	Fully automatic random access chemistry analyzer
Throughput:	Contstant speed 200 T/H
Testing Method:	One-point end, two points rate, Mono/double wavelength, eliminate reagent and sample blank, immunoturbidmetry
STAT Function:	Emergency samples can be added during routine test
Sample Disk:	40 sample positions (including routine sample, calibration, QC and STAT positions), support primary tubes and sample cup
Collision Detection:	Probes and washing am collision protection
Sample Probe:	Inner & Outer high polished probes with low carry over liquid level detection, volume tracking funtion during aspiration

Chem-200

Automatic Chemistry Analyzer

- Benchtop compact design
- Random access, constant 200 T/H, 350 T/H with ISE
- 48 reaction cuvettes, 30 sample positions, 60 reagent positions including detergent , standard, QC and STAT positions
- Durable ceramic syringes, 1 sample & reagent probe, 1 high-performance stirrer
- 24 hours non-stop cooling system to keep sample and reagent at 2-8oc
- 100µL minimum reaction volume
- Fully sealed high resolution 12 filters optical system with strong intensity halogen lamp
- Air bath heating incubation system
- Bi-directional LIS/HIS
- Probe & washing collision protection

Chem-220

Urine Analyzer

Features
- Cold light source facility with long life and high stability
- Internal thermal printer
- Easy operation, cost-efficiency and high quality
- Rs232 serial interface to host PC/LIS, Barcode reader

Optional
- URIT UQ-10 & UQ-11 Urinalysis Control

URIT-50

Coagulation Analyzer

Features
- 2 channels, 16 Positions, 4 reagent positions
- High quality sample pipettor
- Advanced dual magnetic circuit bead method
- Low reagent consumption

URIT-50

Blood Gas Analyzer

- Portable, lightweight
- Capable to run 50 samples with fully-charged battery
- Diagnose at the point of care, patient side, out in the field or exam room
- Easy, Quick and Convenient
- Zero maintenance
- Minimize hands on time and training requirement
- Auto-sampling
- Report is ready within one minute after sample aspiration
- Accurate and Reliable
- Innovative microchip liquid control technology and micro-sensor multifunction membrane technology
- High sensitivity and accuracy
- Calibrator, Control and Electronic simulator to TRIPLE guarantee the RESULTS!
- Flexible Data Management
- Acquire patients' information via barcode/QR code
- Up to 10,000 patient data storage
- 4 USB ports and LAN/WiFi for data management
- Optional data management software
- Multi-parameter cartridge
- Multi popular time-sensitive parameters come in one cartridge, including ABG, electrolytes and metabolites Single-use cartridge avoids contamination
- Room temperature storage with long shelf-life

I-15

Electrolyte Analyzer

- Test 6 parameters with 45 seconds: K, Na,Cl, Ca, pH, only use
- 100ul sample
- Individual reagent optional,cost-effective
- Friendly operation with touch screen
- Auto sampling tray (25 positions)available
- Intelligent bubble detection

ELK-5000+

Hemoglobin Meter

- World's leading technology
- Siphon method to ensure quantitative sample
- Fast hemoglobin and HCT test
- Accurate and reliable result
- Suitable for various workplaces
- Bluetooth optional

Gluco Doctor

- Results Are Accurate
- Alarm Reminder
- 5 Seconds Measuring Time
- 0.5ul Capillary Blood Volume
- 500 Memory With Time & Date

BLOOD GLUCOSE MONITORING SYSTEM

For Accurate And Reliable Results
Trust Your
Gluco Doctor

PH-01

URIT

Microscope

- Achromatic objectives: 4X、10X、40X（S), 100X（S、Oil）
- Wide field eyepiece: WF10X（WF16X for option）
- Eyepiece head: Sliding binocular head inclined at 45°
- Stage: Double layer mechanical stage size 140X140mm, moving range 75X45mm
- Focusing: Coaxial coarse and fine adjustment, focusing range 30mm, focusing interval 0.002mm
- Condenser: Abbe NA=1.25 with lris Diaphragm&Filter
- Illumination: Halogen lamp 220V/6V20W or 110V/6v20W
- Option: Quintuple LED light
- Nosepiece: Quadruple /Quintuple
- Condenser: Abbe NA=1.25 with iris diaphragm filter
- Illumination: battery
- Measure: 32*27*43cm
- G.W: 8KG
- N.W: 7KG

OLYMPUS

Standard Features	
Body	Aluminum die-cast metal frame, protective plastic covering
Optical System	Built-in transmited illumination system LED power consumption: 0.5 W (nominal value)
Illumination System	
Condenser	Abbe condenser NA 1.25 with oil immersion | Built-in aperture iris diaphragm
Revolving Nosepiece	Fixed quadruple nosepiece with inward tilt
Stage	Wire movement mechanical fixed stage • Size (W × D): 174 mm × 89 mm • Traveling range (X × Y): 76 mm × 30 mm • Specimen holder • Specimen position scale
Observation Tube	30mm
Focusing	Stage height movement | Coarse movement stroke: 15 mm | Coarse adjustment limit stopper | Torque adjustment for coarse adjustment knob | Fine focus knob (minimum adjutsment gradation
Optional Accessories	Reflection mirror (CH20-MM), eyepiece micrometer Dust cover, darkfield stop (CH2-DS+CH2-FH), Field Diaphragm (CX23-FS), Dedicated wooden case (CH20-WB2) Reflection mirror (CH20-MM), eyepiece micrometer, Dust cover, darkfield filter (CH2-DS)
Dimensions	(W × D × H) 198 mm × 398 mm × 386 mm 198 mm × 398 mm × 430 mm
Weight	Approximately 5.9 kg & Approximately 6.5 kg
Rated Voltage	AC 100 – 240 V 50/60 Hz 0.4 A
Power Consumption	Less than 2 W

Chemiluminescence Analyzer

It's the first single-tube automatic chemiluminescence analyzer with independent intellectual property rights in China, which was released in 2011, and has a test speed of 120 Ts/h. The enzymatic chemiluminescence of HRP substrates is used for immunological technique and labeling technique. The magnetic particle carrier and magnetic separation technique with higher sensitivity

Thermostatic Water Bath

Inner tank:
1 hole, 2 holes, 2 rows & 4 four holes, 2 rows & 6 holes are stainless steel stretching inner chamber. 1 row & 4 holes, 1 row & 6 holes, 2 rows & 8 holes are stainless steel inner chamber.

Luminar Flow Cabinet

• Vertical laminar flow, with SUS 304 stainless steel bench board, effectively prevents external air into the cleaning work environment.
• Centrifuge fan, stable speed, low noise, lightly touch air
• volume control system, five-stage speed control, speed adjustable from 0.2-0.6m/s(initial 0.6m/s,final 0.2m/s)
• High quality non-separator HEPA filter, good purification effect.

Laboratory Shaker

• Aluminun hot plate,uniform surface temperature
• Heating up fast and uniform,heating power is stepless adjustable
• Digital hot plate has the more functions as follows:
• Digital display can read the temperature more clearly.

Spectrophotometer

• Beautiful and unique streamlined appearance, with T.A.C.F function
• The wide sample room can be equipped with 10cm colorimetric dishes, which are specially used for testing solutions with low content in sugar industry, power plant, water plant, chemical industry, etc.
• LCD Display for Spectrometer with Backlight and Functional Display
• It can automatically adjust 0% T and 100% T.

Drying Oven

• Horizontal forced air type, high space utilization and good temperature uniformity
• 101: Forced fan cooling intake structure, the maximum working temperature<50, the fan long-term longevity operation
• 202: Classical natural convection drying method
• New anti-hot handle
• Size: Small, medium & Large

Incubators

- New panel 5 degree angle, new glass inner door knob switch.
- The double door structure adopts high quality glass, easy to observe samples, the door with magnetic strip is easy to be opened and closed, good sealing and open door power-off function.
- Size: Small, medium & Large

Centrifuge

- Strong Plastic case with metal lid
- With mechanical door lock and safety switch
- High speed for short centrifugation timers
- Srepless speed adjustment With reader
- Accurately measuring the specific value of blood cell
- Separating micro-amount of blood or solution.
- High power brushless motor
- LED display speed and timer,microcomputer controlling
- Over speed and imbalance alarm
- With mechanical door lock and safety switch
- Error code display,speed uo and down adjustment
- With brake and automatic alarm after operation
- Available Model:
- 6tubes, 8tubes, 12tubes.

Laboratory Shaker

- Aluminun hot plate,uniform surface temperature
- Heating up fast and uniform,heating power is stepless adjustable
- Digital hot plate has the more functions as follows:
- Digital display can read the temperature more clearly.

Drying Oven

- Horizontal forced air type, high space utilization and good temperature uniformity
- 101: Forced fan cooling intake structure, the maximum working temperature<50, the fan long-term longevity operation
- 202: Classical natural convection drying method
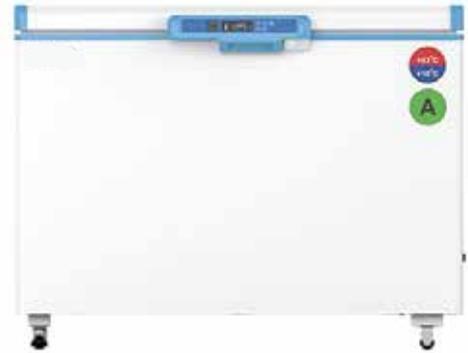- New anti-hot handle
- Size: Small, medium & Large

Plasma Refrigerator

Constant Temperature under Intelligent. Meling Ice Lined Refrigerator High-precision micro-processed temperature control system: The cabinet has built-in high-sensitivity temperature sensors, ensuring a constant temperature inside it

Security System

The well-developed audible & visual alarm system (high and low temperature alarm, sensor failure alarm, power failure alarm, low battery alarm, etc.) makes it safer for storage.
Turn-on delay & stopping interval protection; The door is equipped with a lock, preventing it from unauthorized opening; High-efficiency Refrigeration Equipped with environmentally-friendly Freon-free refrigerant.

Medicine Refrigerator

Meling 2 degrees ~8 degrees celicious undercounter pharmacy refrigerator YC-130L gives you a brand new appearance and is designed in smart under count-er size. This small undercounter medical refrigerator is equipped with intelligent temperature controller and brings out constant temperature. It has transparent double-layer tempered glass door with the features of anti-condensation and electrical heating. There are multiple alarm functions to ensure safety of storage. The complete air-cooling design of the vaccine refrigerator ensures no worry about frosting. You can apply the pharmaceutical refrigerator in laboratories, hospitals, pharmacies, disease prevention and control centers, health centers, pharmaceutical factories, medical facilities, blood banks, and more

Blood Bank Refrigerator

Elektro Blood Bank Refrigerators are available in six different sizes and designed to meet strict requirements for storage of whole blood. The instruments outer body is made of heavy gauge Mild Steel duly powder coated with Stainless Steel (304) Inner Chamber. The complete selection of 4 ° C refrigerators includes the Micro Controlled Temperature controller having Audio Visual Alarm in case of Temperature deviation.

Plasma Freezer

Elektro Plasma Freezer provides an ideal freezing environment for the preservation of Plasma, and test samples. The instruments outer body is made of heavy gauge Mild steel duly powder coated with stainless Steel (304) Inner Chamber. This unit Designed to maintain a stable and uniform temperature of up to -40.0°C, Vertical and Horizontal with four different sizes. The user-friendly design includes a built-in Stainless steel insulated inner door, and simple calibration is possible via the control panel. This coupled with a visual and audible alarm system, ensures that your samples are both safe and secure, but also easy to access when you need them.

Refrigerated Centrifuge
Micro Controller

Elektro Microprocessor controlled based Blood Bank Refrigerated Centrifuge is designed for blood banks components separation room, The instruments is specialized in separating blood component like Packed cells, Platelet rich plasma, Platelet concentrate, Cryprecipitate and buffy coat separation. The instruments outer body is made of heavy gauge Mild steel duly powder coated with stainless steel (304) Inner chamber and prompt PUF insulation to ensure accurate cooling inside the chamber and built in brush less induction drive motor ensures low level of vibration and noise with smooth acceleration / deceleration

Blood Collection Monitor

Elektro LCD Blood Collection Monitor is a compact instrument to provide smooth and gentle rocking for homogeneous mixing with anticoagulant without clot formation of blood from a donor

Blood Bag Tube Sealer

Elektro Blood Bag Tube Sealer designed to seal the blood bag tube by high frequency dielectric heating system without causing haemolysis, leakage of blood. The sealing can be achieved in less than 1.5 seconds per tube by simple operation. Complete sealing of the blood bag tube is annexure by high frequency dielectric heating. Sealing of each tube takes approx 1.5 seconds and is thus very efficient. Pulling the sealing section to both sides can readily cut off sealed tube.

Plasma Extractor

Elektro Plasma Extractor is designed to Extract Blood component from centrifuged Bags. The spring loaded front panel applies pressure on the collected bag causing the liquid to contain in transfer bag. Its sturdy construction makes it durable and reliable, easy to use and portable. The unit is available in both versions automatic and manual.

Plasma Thawing Bath

ELektro Plasma Thawing Bath is specially designed to thaw Frozen Plasma at +37.0°C. Inner chamber made of stainless steel(304), and outer body of MS duly powder coated With built in heavy duty industrial pump to circulate the water throughout the chamber to get maximum accuracy. The Micro Controlled temperature controller controls the temperature with accuracy of ± 0.2°C specially designed Stainless Steel Basket to accommodate Plasma Bags.

Models:
DIGIX FDX

US FDA APPROVED

A.S.S.U.R.E Ver. 9

Product: Digital Stationery X-Ray Imaging System

Rating : 65/80 KW (800-1000 mA)

Application:

All geneneral purpose digital radiography procedures / exposures on a patient standing, lying on a table or sitting on a chair:

Features:
- Single / dual detector systems
- Fully motorized 3D ceiling suspended
- stand with auto tracking facility of tube vertical bucky.
- High resolution 3K x 3K detector.
- Dedicated image acquisition software bucky.
- work station.
- Exposure without detector.
- DICOM 3.0 connectivity.

Models:
MARS 15 - 80
Series: DIGIX ECO

Product: Digital Radiography System (Ceiling free)

Rating: 15/30/40/50/50+/65/80 KW (250-1000mA)

Application:

All general purpose digital radiographic procedures / exposure on a patient standing, lying on a table or sitting on a chair (with manual maneuvering).

Features:
- Integra X integrated system for exposure & image parameters control.
- Detector stand with integrated FPD to enable all types of radiographs with mobile table
- (MobiT / MobiT 4 / MobiT6).
- DICOM 3.0 connectivity.

A.S.S.U.R.E Ver. 9

Models:
MARS 6/15
Series: ROLLX DR

Product:
Digital Radiography System (Mobile).
Rating : 6 /15 KW(150-200mA)

Application:
Instant imaging for trauma cases and bedside X-Ray

Features:
- Manual driven mobile DR system. 14" x 17" Portable wired / wireless.
- User friendly 17" large touch screen operating console.
- Integra X integrated system for exposure & image
- parameters control.
- Operates on just 15 Amps/ 230 Volt (single phase) standard wall socket.
- Exposure without detector.
- DICOM 3.0 connectivity.

A.S.S.U.R.E Ver. 9

A.S.S.U.R.E Ver. 9

Modelsa:
MARS 15DR - 32DR

Series: MOBILX DR

Product:
Digital Radiography System (Mobile)
Rating : 15 / 20 / 32 KW (200-500 mA)

Application:
Battery powered instant imaging for trauma cases and bed side X -Rays.

Features:
- Motor assisted noise free movements
- 14" x 17" Portable Wired / Wireless FPD.
- User Friendly 17" large touch screen operating console.
- Exposure without detector.
- Separate power pack for X-Ray generator, motor drive and console PC.
- Integra X integrated system for exposure & image parameters control.
- Telescopic tube arm with + - 270 degrees.
- DICOM 3.0 connectivity.

Models :
DSA 6 / 20
Series: ANGIO SCAN

Product: Digital Subtraction Angiography (DSA) System.

Rating: 6 / 20 KW (80- 200 mA)

Application:
General / DSA / Intervation Vascular Procedures

Features:
- 1K x 1k imaging chain.
- DSA.
- Roadmap.
- Pixel shift.
- Remasking and peak opacification
- 9' / 12' I.I.Iso Motorized 'C'.
- DICOM 3.0 connectivity.

Models :
MAM VENUS / MAM VENUS +
Series : VENUS/VENUS +

Product:
Mammography (Analog)

Rating: 3.5 / 5 KW (70 -150 mA)

Application :
Diagonistic mammography procedures in breast cancer detection.

Features :
- Digital display of compression parameters.
- Self diagonistic inter locks.
- Anatomical Programming Radiography (APR)
- Stereotactic biopsy compatible.
- Automatic Exposure Control (AEC).
- Auto release of breast after exposure.

Models:
MAM VENUS +

Series: FAIRY DR 3D

Product:
Mammography (Digital) with TOMO

Rating: 5 KW (150 mA)

Application :
Full field digital mammography with Tomosynthesis.

Features :

- A digital breast tomosynthesis system for high diagnostic accuracy.

- Faster detection without traditional distortion and shadowing.

- Improved image for large dense breast tissue.

- Increased comfort of 2D and 3D imaging in single sitting.

NEW LAUNCH

A.S.S.U.R.E Ver. 9

Models :
FLY DR

Product:
Allengers latest new generation DR Retrofit kit.

Application :
Rertrofit solution for all mobile and fixed X- ray units.

Features:

- Wireless / Wi-Fi FPD
- Image acquisition system and diagnostic work station.
- Auto Exposure Detection (AED)- no interface required.
- Acquisition tablet incase of multi-room application.
- Fast aand wireless image transfer to PACS.

FPD

Tablet / Desktop / Laptop
(Image Acquisition)

Diagnostic Workstation

Basic Workflow

LAN
DICOM Send

Mobile X-Ray

NTF Printer / DICOM Printer / PACS

Models:
MARS 3.5 - 6

Product:
Spring Balanced Mobile (SBM) X -Ray System

Rating: 3.5/4.2/6 KW (70 - 150 mA)

Application:
General purpose radiographic procedures
in wards with better out reach.

Features:
- Substancially lower exposure factors due
  to high frequency.
- Elimination of motion artifacts due to lower
  exposure time.
- Anatomical Programming Radiography
- (APR).

A.S.S.U.R.E Ver. 7

Model:
Allengers 100

Product:
Counter Balanced Mobile (CBM) X- Ray System

Rating: 100 mA

Application:
General purpose radiographic procedures
in wards.

Features :
- Articulated tube head arms.
- Film density control / soft touch switch panel.
- Anatomical Programme - APR (optional).

A.S.S.U.R.E Ver. 6

31

Models:
CR 10-X

Product:
Agfa - Allengers CR System (Digitizer).

Features:
- Convenient and fast workflow.
- Robust yet easy to install and maintain.
- Fits in small spaces and suited for mobile applications.
- Network capabilities delivered seamless integration.

Model:
CR 15-X

Product:
Agfa - Allengers CR System (Digitizer).

Features:
- Highly versatile, compact CR 15-X offers an ideal solution for decentralised hospital environmets, clinics and private practices.
- Networking capabilities deliver seamless integration.
- Fits in small spaces and is suited for mobile applications.
- Robust yet easy to install and maintain.

Model:
HF 59R

Series: DIGISCAN

Product:
Modular C- Arm with
Flat Panel
Detector (FPD)

Rating: 6 / 15 KW

Application:
Latest Flat Panel Detector for
multiple procedures under floroscopy

Features:
- A 20cm x 20cm / 30cm x 30cm full view Flat Panel Detector.
- Powered by Synergy (1K x 1K) imaging software.
- Customized user selectable imaging parameters.
- Broad portfolio of applications.
- Excellent image quality with low dose.

Model:
HF 59 PLUS / HF 59 R

Series: ROLLSCAN

Product:
Modular C- Arm with Image Intesifier

Rating: 3.5 / 6 KW

Application :
Modular design for longer duration
advanced surgical procedures under fluroscopy.

Features :
- Actuator assisted C-Arm with fold-able monitors mounted on modular trolley.
- Powered by Synergy (1K x 1K) imaging System.
- LCD display on control panel.
- DICOM 3.0 connectivity.

A.S.S.U.R.E Ver. 10

Models :
PRIDE HP

Series: ALTIMA F100 / ALTIMA C100

Product:
Fixed Cathlab

Rating: 100 KW

Application:
Interventional cardiovascular procedures.

Features:
- Modular generator.
- Fully motorized movements.
- Non contact proximal sensor based anti collision device.
- Pre- programmable positions.
- Preview collimation.
- SID variation.
- Accelerated movement.
- Detector / Image intesifier.
- STENT view
- Integrated DAP meter.
- Liquid metal X-Ray tube.
- DICOM 3.0 connectivity.

Product:
TREAD MILL TEST - GEMINI

Application:
Diagnosis of heart abnormalities like blockage in artery with symptoms of angina pain.

Features:
- Dual working of acquisition box - stress ECG and resting ECG.
- User friendly software with editable protocals,
- Online/PDF printing, RR analysis, PVC detection and many more features.
- Life time service & maintenance free AC motor.
- Free lifetime online support & software up-gradation.
- Optional : Automatic NIBP measurement in a AM model.
- Unlimited numbers of protocals (standard and user defined).
- Online update allows user to download the latest software from Allengers server.

34

Product:
ELECTROCARDIOGRAPH - PISCES

Application:

Recording of electrical activity of heart.

Features:

- 7" colour display with touch screen, which
- provides better visibility.
- 12 channel ECG machine with on screen interpretation.
- 2000 patient recording capacity with export data option through USB in PDF format.
- Export the ECG PDF, which help tosend the data on mail.
- Directly attach external printer for printing.
- Free lifetime online support & S/W up gradation for ECG software.
- A4 size thermal printer with Z fold paper.
- Highly informative print out on thermal paper with all 12 leads and one selectable rhythm lead, which helps in identication of any type of arrhymia/ abnormalities.
- Full alphanumeric keyboard with many short cut keys to open the various options.
- Other advanced features : multiple printing formats, display options & many other user friendly options.

ECG

Product :
Allengers 100

Application :

Recording of electrical activity of heart.

Features :

3/6 Channel ECG

103i/106i	103/106
Complete interpretation	Standard observations
High colored resolution touch screen	High colored resolution screen
2000 patients data storage	50 patients data storage
PC, Pen Drive connectivity	PC connectivity (optional)
Highlyinformative with all 12 leads & one user selectable rhythm lead	
Full alphanumeric keypad with shortcut keys	
Fully automatic, portable, sleek and light weight	
One touch operation for acquisition, analysis & printing which minimizes training needs	

35

Product:
Electroencephalograph-Neroplot

Application:

Recording and Monitoring of Electricals Activities of Brain
and to investigate and locate Seizure origin.

Features:
- 40 channel EEG
- Irregular heartbeat analysis software.
- Impedance selection an On/Off from Head box as well as in Pc Software.
- Multiple sampling Rate 256, 512 and 1024 Hz.
- 24-bit analog to digital conversion(ADC).
- Bed Side Impedance on head box.
- Glow Led ring acrosselectrode holder on head for better impedance analysis.
- Power Spectra and coherence.
- Optional - 2 Video camera recording Simultaneously.
- Printout on A4 and A3 Paper.
- Feature like Amplitude Integrated EEG (AEEG), CSA/DSA Frequency Distribution, Brain Mapping etc.

Product :
ELECTROENCEPHALOGRAPH - VIRGO

Application :

Recording and Monitoring of Electricals Activities of Brain
and to investigate and locate Seizure origin.

Features :
- 24/32/40 Channel EEG.
- Plug & play USB with portable EEG (no need of external supply).
- Light weight & compact amplifier with high quality of electrodes.
- Features like Amplitude Integrated EEG (AEEG), CSA/DSA frequency distribution, brain mapping etc.
- User editable unlimited numbers of montages.
- Facility to send EEG data through E-Mail and export in
- MATALAB/Lab view/media player format.
- Free lifetime online support & S/W up gradation.
- Optional: Synchronized high-resolution MPEG-4 video with EEG recording.
- Optional: SPO2, HR & pleth recording facility.
- Optional: Battery, high end camera (pan, tilt & zoom).

Product:
POLYSOMNOGRAPH - VIRGO SL

Application:

A sleep study system (sleep lab) to meet the needs for sleep and neurological diagnostic recording.

Features:

- 32/40 Channel PSG.
- C-PAP & BI-PAP interfacing for titration.
- Automatic detection of Apneas & Hypopneas.
- Option to convert the data in PDF or media player format for presentation.
- Sleep staging option for adult & pediatrics.
- Detailed report of Oximeter, HR, snoring & other movements.
- Synchronized high-resolution MPEG-4 video with PSG recording.
- Features like Amplitude Integrated EEG (AEEG),
- CSA/DSA frequency di stribution, brain mapping etc.
- Free lifetime online support & S/W upgradation.

Product:
ELECTROMYOGRAPH - SCORPIO

Application:

To find diseases that damage tissues, nerves or the junctions between nerves and muscles (neuromuscular junctions).

Features:

- 2/4 Channel EMG.
- Capable to perform EMG EP/ NCS / AUTONOMIC studies.
- Simultaneous display of 2/4 channel EMG acquisition.
- Salient features of shock simulator - current adjustment,
- Start/stop, save, live/averaging. Latency/intensity graph.
- Work on all Microsoft windows platform.
- Export the data to MATLAB/LAB view.
- Digitally signed driver with lots of user editable or defined settings.
- Free lifetime online support & software up- gradation.

Product :
HOLMIUM LASER - BLAZE

Application :
Able to fragment any composition, any size and any type of kidney stone.

Features :
- Output power 35W.
- Green beam light for better visibility.
- Better dusting and fragmentation using long and shortpulse respectively.
- Selectable mode like long pulse, short pulse,
- coagulation and ablation.
- 7" bright colour touch screen.
- Pulse energy 0.1 to 5J.
- Variable pulse width 5-20 Hz.
- Chiller based closed loop water cooling system.
- Selectable level for aiming beam and lasing sound.

NEW LAUNCH

Model :
UROLITH+

Series: UROLITH

Product:
C-Arm Compatible E.S.W.L

Application:
Treatment of kidney stones through non invasive method

Features:
- The C-Arm can be latched very easily with Urolith+ (as shown above).
- The C-Arm can be unlatched easily for the other Urological procedures in the O.T like P.C.N.L. and URS.

THE UTMOST SUPERIOR QUALITY
DENTAL CHAIR

Elektro GENESIS

Cherish your life, Cherish your health!

Standard Accessories :
- Double arms
- Non-Stage LED Sensor Lamp
- All controlled by the electric valve
- DC Motor; Automatic thermostatic water supply
- Handpiece tubing with standard fittings (3sets)
- Three way syringe (one for hot, one for cold) (2sets)
- Water suction and saliva ejector (with switch) (1set)
- Powerful suction apparatus (1set each)
- Easy cleaning and Unify Move Ceramic Spittoon
- Water purified system with bottle of built-in
- Strong and weak two set operation light (1set)
- X-film viewer
- Timotion Motor
- Spirit locks tight Equilibrium Device
- Dental stool (1set)
- Suitable for adult and children headrest
- Round foot pedal (1set)

Specification :
- Supply Voltage110V 60Hz or 220V 50Hz
- Air Pressure＞0.55Mpa
- Water Pressure 0.2Mpa-.04Mpa
- Lowest position of chair 440mm
- Highest position of chair 860mm
- Chair-back highest 5°
- Chair-hack lowest 85°

Package and size :
- Wooden cases
- 136*96*112cm (L*W*H)

Oil Less Air Compressor

Dentail Chair + Stool

LED Scaler

Curing Lamp

Oral Camera

Teeth Whitening

Dental Handpiece Kit

TG Series Pulse Vacuum Autoclave

This series of pulsation vacuum sterilizer utilizes saturated steam as its sterilization medium which releases a large amount of heat in the stage of condensation, and ensure the sterilizing environment in high temperature and at a certain humidity. After a period of insular ion in such status. srerilizarion purpose is achieved. The application of pulsating vacuum exhausting has successfully e liminated the temperature influence from cold air, and helping the sterilization items 10 be dried by means of vacuum and dehumidification between the jacketed layers.

Structure and Characteristic of the Equipment

Body of the sterilizer:

- It is designed and manufactured in accordance with GB IS() "rhe Pressure Vessel". GB 8599 "The Technical Requirements or Large Steam Sterilizer-Automatic Control Protocol", and TSG R0004 the "Safety and Technology Specification for Fixed Monitor Vessels" and related inspection procedures.
- The chamber in horizontal rectangular shape with double-layer structure is made from S30408.
- Door scaling: Pneumatic scaling; both doors arc interlocked and completely conform to the requirements of the specification.
- Wilh Standard GMP authentication interface.

Sterilizer piping system: the pipeline is designed with the best configuration. All the spares arc from qualified brands at home and abroad.

Sterilizer control system: SIEMENS PLC and SIEMENS touch screen, this system is easy to implememt the program selection, parameter setting, equipment operation, report processing and other functions. It has perfect safety measures. The FO value and the temperature time gives double guarantee for sterilization. A single parameter control is also available. It has a perfect sterilization records.

Main Parameters and Utilities

Design Pressure	0.245 MPa	Working Pressure	0.225MPa
Design Temperature	139o C	Working Temperature	105o C ~ 134o C
Vacuum	- 0.09 MPa	Temperature Equilibrium	≤± 1o C
Water Source Pressure	0.15 ~ 0.3 Mpa	Compressed Air Pressure	0.3 ~ 0.7 Mpa
Steam Pressure	o.3 ~ 0.7 Mpa	Power	AC380V, 50HZ the three-phase and five-wire system AC380v, 50HZ

Size & Utilities

Model	Overall Size Lx W xH(mm)	Chamber Size Lx W xH(mm)	Steam Consumption(KG)	Tap Water Consumption(KG)	Power (KW)	Net Weight (KG)
TG-0.25	1100 x 1350 x 1900	800 x 600 x 600	18KG	35KG	2+(24) KW	900KG
TG-0.36	1300 x 1350 x 1900	1000 x 600 x 600	25KG	40KG	2+(24) KW	1000KG
TG--0.6	1500 x 1360 x 1950	1200 x 610 x 910	30KG	45KG	3+(36) KW	1400KG
TG--0.8	1800 x 1360 x 1950	1500 x 610 x 910	40KG	50KG	3 KV	1600KG
TG-1.2	1750 x 1450 x 1950	1450 x 680 x 1180	48KG	55KG	4 KV	1800KG
TG--1.5	2150 x 1440 x 1950	1850 x 680 x 1180	55KG	60KG	4 KV	2000KG
TG-2.0	1950 x 1750 x 2200	1600 x 900 x 1400	65KG	65KG	4.5 KV	2500KG
TG- 2.0	2300 x 1750 x 2200	1950 x 900 x 1400	75KG	75KG	6 KV	3000KG
TG-3.0	2700 x 1750 x 2200	2400 x 900 x 1400	90KG	90KG	8 KV	3500KG

Note: 24 36 represent the power of lbe built-in steam generator (optional)

TG Series Pulse Vacuum Autoclave

Characteristics:

- 7" capacitive touch screen, fully automatically controlled, easy too perate on.
- Elevating type door, which is more convenient to place and fetch the object from the autoclave.
- The whole procedure from water inlet, pulse vacuum, heat, sterilizing, water outlet, exhausting to vacuum drying, which are all automatically by one-key operation.
- Pulse vacuum, the limit is -0.080Mpa. which ensure the sterilizing more completely.
- Separated steam generator, which is more energy saving by comparing to the normal heating and prevent the sterilizing objects from been oxidized.
- There are several programs loaded in the autoclaves for different requirement of different objects.
- With PT-TT testing port. easy to run the testing.
- Equipped with Germany SARTORlUS Sterile ventilation filter MIDISART 2000 0.20 µm, which ensure me air is sterile, prevent the contamination.
- Steam-water inner circulation system: no steam discharge, and the environment for sterilizing will be clean and dry.

Imported Vacuum Pump

OMRON PT100 Temperature Sensor

Gear Motor

Solenoid Valve

Filter

Pressor Sensor

Technical Data:

Model Technical Data	TS- 6USV	TS- 80SV	TS- 100SV	TS- 120SV
Chamber volume	60L Ø 396 x 490mm	80L Ø 396 x 650mm	100L 504 x 404 x 502mm	120L 504 x 404 x 502mm
The height after rising	1310	1590	1475	1565
Working Pressure	0.22Mpa			
Working temperature	134o C			
Heat average	≤± 1o C			
Timer range	0 ~ 99 Min			
Temperature adjust range	105o C ~ 134o C			
Power	Steam Generator: 3Kw, Dry blanket: 2.4Kw/AC220V, 50Hz		Steam Generator: 3.6Kw, Dry blanket: 2.4Kw/AC220V, 50Hz	
Overall dimension	686 x 556 x 913	686 x 556 x 1035	840 x 600 x 970	840 x 600 x 1060
Transport dimension	686 x 556 x 913	786 x 656 x 1135	940 x 610 x 1000	940 x 610 x 1075
W/N.W	210Kg/ 180Kg	230Kg/ 200Kg	300Kg/ 270Kg	325Kg/ 295Kg

Vertical Pressure Steam Sterilizer

Use:

The vertical pressure steam sterilizers are assembled witb heating system, micro-computer controlled system. over heal aod over pressure protection system. which are reliable for the sterilizing effects. convenient of operation and energy conservation. They are ideal equipments for the scientific research institutes and the hospital laboratory.

Characteristics:

· Fully stainless steel structure.
· Hand wheel Lype of quick-open door structure.
· Self-inflating type seal.
· Door safety lock system.
· Safe protection of water lacking.
· Automatically controlled by computer.
· With perfect drying function.
· LCD display of working status, Touch type key.
· Automatically shut off with beep reminding after sterilization.
· Over temperature & over pressure auto-protection.
· With two stainless steel sterilizing baskets.
· Stearn-water inner circulation system: no steam discharge, and the environment for sterilizing will be clean and dry.

Technical Data:

Model Technical Data	TS- 35HG	TS- 50HG	TS- 75HG	TS- 100HG
Chamber volume	35L Ø 318 x 450mm	50L Ø 340 x 550mm	75L Ø 400 x 600mm	100L Ø 440 x 650mm
Working Pressure	0.22Mpa			
Working temperature	134o C			
Heat average	≤± 1o C			
Timer range	0 ~ 99 Min or 0-99hour59min			
Temperature adjust range	0 ~ 134o C			
Max. working pressure	0.23Mpa			
Power	2.5Kw/AC220V, 50Hz	3Kw/AC220V, 50Hz	4.5Kw/AC220V, 50Hz	
Overall dimension	600 x 410 x 1030	650 x 410 x 1140	690 x 470 x 1140	730 x 510 x 1270
Transport dimension	730 x 500 x 1170	730 x 500 x 1290	760 x 550 x 1290	820 x 600 x 1380
G.W/N.W	96Kg/ 77Kg	102Kg/ 83Kg	120Kg/ 98Kg	135Kg/ 110Kg

**Fully Automatic Circulation
(specifically use for Clinical Laboratory)**

Vertical Pressure Steam Sterilizer

Use:
The vertical pressure steam sterilizers are assembled with heating system, micro- computer controlled system, over heat and over pressure protection system, which are reliable for the sterilizing effects, convenient of operation and energy conservation. They are ideal equipments for clinics, scientific research institutes and other organizations to sterilizer surgical instruments, fabrics, glasses, culture media etc.

Characteristics:
· Fully stainless steel structure.
· Hand wheel type of quick- open door Structure.
· Self-inflating type seal.
· Door safety lock system.
· Safe protection of water lacking.
· Easy 10 operate, safe and reliable.
· With drying System.
· LCD display of working status, Touch type key.
· Automatically shut off with beep reminding after sterilization.
· Over temperature & over pressure auto-protection.
· With two stainless steel sterilizing baskets.
· Auto discharge the cool air. and steam discharge automatically after sterilization.

LCD Display Automation

Technical Data:

Model Technical Data	TS- 35HD	TS- 50HD	TS- 75HD	TS- 100HD
Chamber volume	35L Ø 318 x 450mm	50L Ø 340 x 550mm	75L Ø 400 x 600mm	100L Ø 440 x 650mm
Working Pressure	0.22Mpa			
Working temperature	134o C			
Heat average	≤± 1o C			
Timer range	0 ~ 99 Min or 0-99hour59min			
Temperature adjust range	105o C ~ 134o C			
Max. working pressure	0.23Mpa			
Power	2.5Kw/AC220V, 50Hz	3Kw/AC220V, 50Hz	4.5Kw/AC220V, 50Hz	
Overall dimension	450 x 450 x 1010	510 x 470 x 1130	560 x 560 x 1120	540 x 560 x 1250
Transport dimension	570 x 550 x 1150	590 x 590 x 1280	650 x 630 x 1280	680 x 630 x 1370
G.W/N.W	72Kg/ 56Kg	88Kg/ 68Kg	100Kg/ 80Kg	110Kg/ 85Kg

Vertical Pressure Steam Sterilizer

Use:

The vertical pressure steam sterilizers are assembled with heating system, micro- computer controlled system, over heat and over pressure protection system. which are reliable for the sterilizing effects, convenienl of operation and energy conservation. They are ideal equipments for clinics, scientific research institutes and other organizations to sterilizer surgical instruments, fabrics, glasses, culture media etc.

Characteristics:

- Fully stainless steel structure.
- LED display of working status, Touch type key.
- Easy to operate, safe and reliable.
- Automatically shut off with beep reminding after sterilization.
- With two stainless steel sterilizing baskets.
- Auto discharge the cool air. and steam discharge automatically after sterilization.

**LED Display
Automation**

Technical Data:

Model Technical Data	TS- 35LD	TS- 50LD	TS- 75LD	TS- 100LD	TS- 100LD	TS- 100LD
Chamber volume	35L Ø 318 x 450mm	50L Ø 340 x 550mm	75L Ø 400 x 600mm	100L Ø 440 x 650mm	120L Ø 480 x 660mm	150L Ø 510 x 740mm
Working Pressure	0.22Mpa					
Working temperature	134o C					
Heat average	≤± 1o C					
Timer range	0 ~ 99 Min or 0-99hour59min					
Temperature adjust range	105o C ~ 134o C					
Max. working pressure	0.23Mpa					
Power	2.5Kw/AC220V, 50Hz	3Kw/AC220V, 50Hz	4.5Kw/AC220V, 50Hz		6Kw/AC220V, 50Hz	
Overall dimension	480 x 460 x 850	520 x 520 x 980	560 x 560 x 980	590 x 590 x 1080	600 x 640 x 1140	670 x 690 x 1130
Transport dimension	570 x 550 x 970	590 x 590 x 1110	650 x 630 x 1150	680 x 650 x 1220	730 x 730 x 1270	760 x 760 x 1270
G.W/N.W	56Kg/ 42Kg	68Kg/ 50Kg	90Kg/ 70Kg	105Kg/ 85Kg	125Kg/ 100Kg	135Kg/ 110Kg

Vertical Pulse Vacuum Steam Sterilizer

Use:

The vertical pressure steam sterilizers are assembled with heating system, micro- computer controlled system, over heat and over pressure protection system, which are reliable for the sterilizing effects, convenient of operation and energy conservation. They are ideal equipmems for clinics. scientific research institutes and other organizations to sterilizer surgical instruments, fabrics, glasses, culture medie etc.

Characteristics:

· Microcomputer controlled, digital display of working statues, touch type key,
· It dynamically shows the temperature, pressure time ,vacuum rate and the cycle status.
· With fully automatically route of the water inlet, pulse vacuum, heating, sterilizing.
· draining, exhausting and vacuum drying.
· 3 times pulse vacuum, the vacuum rate would reach -0.081mpa after that, which ensure the completely extracting of inner air from the dressing and A,B type hollowed appliance.
· With 4 fixed programs for the appliance, medical dressing, rubber and fluid, the user also could set the program as they need randomly.
· Equipped with the PY/IT testing connector, easy for running the testing.
· Muluple pulse vacuum drying after sterilizing, which ensure the good sterilizing result.
· Equipped with 0.22μ.m bacteria filter, it ensure the air which enter the inner vacuumed chamber is sterile, avoid the second time contamination.
· Hand wheel type for quick -open the door, Self inflating type seal.
· Adopted with immersed heating tube, with high heating eficiency.
· Steam-water inner circulation System: no steam discharge, and the Environment for the sterilizing will be clean and dry.
· Automatically shut off with beep reminding after sterilization.
· Fully high quality stainless, equipped with double stainless steel baskets.

Pulse Vacuum Automatic

Technical Data:

Model Technical Data	TS- 50HV	TS- 75HV	TS- 100HV
Chamber volume	50L Ø 340 x 550mm	75L Ø 400 x 600mm	100L Ø 440 x 650mm
Working Pressure	0.22Mpa		
Working temperature	134o C		
Heat average	≤± 1o C		
Timer range	0 ~ 99 Min		
Temperature adjust range	0 ~ 134o C		
Max. working pressure	0.23Mpa		
Power	3000W/AC220V, 50Hz	4500W/AC220V, 50Hz	4500W/AC220V, 50Hz
Overall dimension	690 x 470 x 1140	730 x 510 x 1270	750 x 550 x 1305
Transport dimension	760 x 550 x 1290	820 x 600 x 1380	840 x 640 x 1410
G.W/N.W	120Kg/ 100Kg	140Kg/ 118Kg	160Kg/ 128Kg

Vertical Pulse Vacuum Steam Sterilizer

Use:

The vertical pressure steam sterilizers are assembled with heating system, micro- computer controlled system, over heat and over pressure protection system, which are reliable for the sterilizing effects, convenient of operation and energy conservation. They are ideal equipments for clinics, scientific research institutes and other organizaiions to sterilizer surgical instruments, fabrics, glasses, culture media etc.

Characteristics:

- Fully automatically, no need for supervision, easy to use.
- Touch key, self-define of the sterilizing data.
- Hand wheel type for quick -open the door, Self inflating type seal and with door safety lock system.
- Equiped with electric pressure temperature controller, constant voltage and temperature can be automatically kept when the unit reach the selling parameter.
- Rapid sterilizing, only required 4-6 mins.
- The sterilizing drum made of high quality stainless steel.
- Over temperature and over pressure self protection: if the inner pressure is over 0.245mpa,the safety valve will be turn on automatically.
- The full unit is made of nice quality stainless steel, and stand well.
- Adopted with immersed heating. with high heating efficiency.
- Self protection of water lacking.
- Automatically shut off with beep reminding after sterilization.

Technical Data:

Model Technical Data	TS- 28HD
Chamber volume	28L Ø 270 x 500mm
Working Pressure	0.22Mpa
Working temperature	134o C
Heat average	≤± 1o C
Timer range	0 ~ 99 Mins
Temperature adjust range	105o C ~ 134o C
Power	2KW/AC220V, 50Hz
Overall dimension	400 x 370 x 700
Transport dimension	440 x 420 x 750
G.W/N.W	26Kg/ 23Kg

Portable Pressure Steam Sterilizer

Use:

The product utilizes saturated steam to rapidly and effeciently sterilize articles. It can be used in hospitals, public health ceoters, health statious, clinics in factories and mines, scientific research institutes, etc. to sterilize medical equipment, surgical dressings, glass utensils, solutions, substrata. It can also be used as cooker in plateau areas and be used to make high quality drinking water in industrial and mining enterprises.

Characteristics:

• Fully stainless steel structure.
• Automatically shut off with beep reminding after sterilization.
• Hand wheel type or quick- open door structure.
• Electric heated.
• Digital display of working status, touch type key.
• Easy to operate. safe and reliable .

Portable Pressure Steam Sterilizer

Technical Data:

Model Technical Data	TS- 18HDD	TS- 24HDD
Sterilizing volume	18L Ø 280 x 260mm	24L Ø 280 x 390mm
Working Pressure	0.14 ~ 0.16Mpa	
Working temperature	126o C	
Heat average	≤± 1o C	
Timer range	0 ~ 99 Min	
Temperature adjust range	105 ~ 126o C	
Max. Safety pressure	0.165Mpa	
Power	2KW/AC220V, 50Hz	
Transport dimension	420 x 420 x 630	420 x 420 x 750
G.W/N.W	14Kg/ 12Kg	15Kg/ 14Kg

LED Display Automation

Portable Pressure Steam Sterilizer

Use:

The product uLilizcs saturated steam to rapidly and efficiently sterilize articles. It can be used in hospital, public health centers, health stations, clinics in factories and mines, scientific research iaslitutes. etc, to sterilize medical equipment, surgical dressings, glass utensils, solutions, substrata. It can also be used as cooker in plateau areas and be used to make high quality drinking water in industrial and mining enterprises.

Characteristics:

• Fully stainless steel structure.
• Double scale indication pressure gauge.
• ElecLric heated.
• Easy to operate, safe and reliable.

Technical Data:

Model Technical Data	TS- 18LD	TS- 24LD
Sterilizing volume	18L Ø 280 x 260mm	24L Ø 280 x 390mm
Working Pressure	0.14 ~ 0.16Mpa	
Working temperature	126o C	
Heat average	≤± 1o C	
Max. Safety pressure	0.165Mpa	
Power	2KW/AC220V, 50Hz	
Transport dimension	410 x 410 x 520	410 x 410 x 630
G.W/N.W	18Kg/ 16Kg	19Kg/ 17Kg

Portable Pressure Steam Sterilizer

Use:

The product uLilizcs saturated steam to rapidly and efficiently sterilize articles. It can be used in hospital, public health centers, health stations, clinics in factories and mines, scientific research iaslitutes. etc, to sterilize medical equipment, surgical dressings, glass utensils, solutions, substrata. It can also be used as cooker in plateau areas and be used to make high quality drinking water in industrial and mining enterprises.

Characteristics:

• Fully stainless steel structure.
• Electric or LPG heated.
• Working pressure: 0.14-0.l6 Mpa.

• Working temperature: 126o C
• Double scale indication pressure gauge.
• Easy to operate, safe and reliable.

Technical Data:

Model Technical Data	TS- 18LM	TS- 24LM
Sterilizing volume	18L Ø 280 x 260mm	24L Ø 280 x 390mm
Working Pressure	0.14 ~ 0.16Mpa	
Working temperature	126o C	
Max. Safety pressure	0.165Mpa	
Power	2KW/AC220V, 50Hz	
Transport dimension	410 x 410 x 430	410 x 410 x 550
G.W/N.W	16Kg/ 14Kg	17Kg/ 15Kg

Electric or LPG Heated

Table Top Steam Sterilizer

Use:

The table type sterilizers are safely auto-controlled, which are designed for the dental clinics, hospitals, school lab, scientific research institutions and laboratory. And mostly suitable for sterilizing of surgical, dental and eye instruments, glassware medicine, culturemedium and biological dressing, food, etc.

Characteristics:

• Sterilizing course: Automatic sterilization controlled by computer, easy to operate.
• Maximum temperature: 134o C suitable for 1-6 minutes flash sterilizing.
• Safe protection or water lacking.
• With over heat and over pressure protection.
• After sterilization it will automatically cut the power and then alarm.
• Fully stainless steel structure.

Technical Data:

Model Technical Data	TS- T16J	TS- T24J
Chamber volume	16L Ø 250 x 360mm	24L Ø 270 x 410mm
Working Pressure	0.22Mpa	
Working temperature	134o C	
Heat average	≤± 1o C	
Timer range	0 ~ 60 Min	
Temperature adjust range	105 ~ 134o C	
Sterilizing plate	340 x 200 x 30(3piece)	
Power	1.5KW/AC220V, 50Hz	
Dimension	545 x 328 x 423	560 x 350 x 500
Exterior package dimension	605 x 390 x 480	620 x 410 x 570
G.W/N.W	17Kg/ 15Kg	20Kg/ 18Kg

Table Top Steam Sterilizer

Use:

The table type sterilizers are safely auto-controlled, which are designed for the dental clinics, hospitals, school lab, scientific research institutions and laboratory. And mostly suitable for sterilizing of surgical, dental and eye instruments, glassware medicine, culturemedium and biological dressing, food, etc.

Characteristics:

• For 4~6 minutes rapidly sterilizing.
• Safe protection of water lacking.
• Digital display of working status, touch type key.
• Exhaust the cool air automatically.
• With 3 fixed cycles of sterilizing program and adjustable for user.
• Door safety lock system.
• The whole process of water adding, temperaturerising. sterilizing, drying steam discharging controlled automatically.
• With four stainless steel sterilizing plates.
• The chamber of the sterilizer is made of stainless steel.
• Steam-water inner circulation system: no steam discharge, and the environment for sterilizing will be clean and dry.
• Automatically shut off with beep reminding after Sterilization.
• With drying function.

Technical Data:

Model Technical Data	TS- XD20D	TS- XD24D
Chamber volume	20L Ø 250 x 420mm	24L Ø 250 x 520mm
Working Pressure	0.22Mpa	
Working temperature	134o C	
Heat average	≤± 1o C	
Timer range	0 ~ 99 Min	
Temperature adjust range	105 ~ 134o C	
Power	1.5KW/AC220V, 50Hz	
Sterilizing plate	340 x 200 x 30(3piece)	400 x 200 x 30(3piece)
Dimension	480 x 480 x 380	580 x 480 x 384
Exterior package dimension	700 x 580 x 500	800 x 580 x 500
G.W/N.W	43Kg/ 40Kg	50Kg/ 45Kg

Table Top Steam Sterilizer

Use:

The table type sterilizers are safely auto-controlled, which are designed for the dental clinics, hospitals, school lab, scientific research institutions and laboratory. And mostly suitable for sterilizing of surgical, dental and eye instruments, glassware medicine, culturemedium and biological dressing, food, etc.

Characteristics:

• For 4~6 minutes rapidly sterilizing.
• Safe protection of water lacking.
• Digital display of working status, touch type key.
• Exhaust the cool air automatically.
• With 3 fixed cycles of sterilizing program and adjustable for user.
• Door safety lock system.
• The whole process of water adding, temperaturerising. sterilizing, drying steam discharging controlled automatically.
• With four stainless steel sterilizing plates.
• The chamber of the sterilizer is made of stainless steel.
• Steam-water inner circulation system: no steam discharge, and the environment for sterilizing will be clean and dry.
• Automatically shut off with beep reminding after Sterilization.
• With drying function.

Technical Data:

Model Technical Data	TS- XD35D	TS- XD50D
Chamber volume	35L Ø 300 x 500mm	50L Ø 340 x 550mm
Working Pressure	0.22Mpa	
Working temperature	134o C	
Heat average	≤± 1o C	
Timer range	0 ~ 99 Min	
Temperature adjust range	105 ~ 134o C	
Power	2.7KW/AC220V, 50Hz	
Sterilizing plate	400 x 200 x 30(4piece)	500 x 250 x 30(4piece)
Dimension	730 x 550 x 510	770 x 600 x 540
Exterior package dimension	810 x 680 x 650	880 x 730 x 700
G.W/N.W	90Kg/ 73Kg	105Kg/ 86Kg

Table Top Steam Sterilizer

Use:

The table type sterilizers are safely auto-controlled, which are designed for the dental clinics, hospitals, school lab, scientific research institutions and laboratory. And mostly suitable for sterilizing of surgical, dental and eye instruments, glassware medicine, culturemedium and biological dressing, food, etc.

Characteristics:

• For 4~6 minutes rapidly sterilizing.
• Safe protection of water lacking.
• Digital display of working status, touch type key.
• Exhaust the cool air automatically.
• Over temperature & over pressure auto-protection.
• Sterilizing temperature and time can be preset.
• Indicator light indicates working state.
• With four stainless steel sterilizing plates.
• The chamber of the sterilizer is made of stainless steel.
• Steam-water inner circulation system: no steam discharge, and the environment for sterilizing will be clean and dry.
• Automatically shut off with beep reminding after Sterilization.

Technical Data:

Model Technical Data	TS- XB20J	TS- XB24-J
Chamber volume	20L Ø 250 x 420mm	24L Ø 250 x 520mm
Working Pressure	0.22Mpa	
Working temperature	134o C	
Heat average	≤± 1o C	
Timer range	0 ~ 60 Min	
Temperature adjust range	105 ~ 134o C	
Power	1.5KW/AC220V, 50Hz	
Sterilizing plate	340x 200 x 30(3piece)	400 x 200 x 30(3piece)
Dimension	480 x 480 x 384	580 x 480 x 384
Exterior package dimension	700 x 580 x 500	800 x 580 x 500
G.W/N.W	44Kg/ 40Kg	50Kg/ 45Kg

Pulsating Vacuum Desktop Steam Sterilizer

Use:

The table type sterilizers are safely auto-controlled, which are designed for the dental clinics, hospitals, school lab, scientific research institutions and laboratory. And mostly suitable for sterilizing of surgical, dental and eye instruments, glassware medicine, culturemedium and biological dressing, food, etc.

Characteristics:

- Standard Class B with three times vacuum and drying, the remaining temperatureor sterilized instrumentis less than 0.2%.
- LCD display working status, touch keys.
- The vacuum data can reach ~0.8bar, it fits various instrument, including package. unpackaged, solid, hollow, multi-apertures and inset pipes. It makes sure the instrument can be sterilized completely.
- Fully computer controlled LCD display bright show. The interface is modularized panel for easy operntion.
- It is installed with BOWIE&DICK which measures the penetration of water steam.
- It has vacuum test which can make sure the ability of vacuum testing.
- Fast and independent steam generator.
- Built-in mini printer which can record the sterilizing information.
- Equipped with Safety valve, Sarety lock door system, Pressure lock system, Pressure or temperature overload protection, Alarm system.
- It inactivatcs the HIV, HBV, BSE and bacillus efficiently.
- This product is designed for open water tank, water purification, sewage tank separation, convnient and intuitive.

Model
Technical Data

Technical Data:

Model Technical Data	TS- XD12DV	TS- XD20DV	TS- XD24DV
Sterilizating Chamber volume	12L Ø 200 x 370mm	20L Ø 250 x 360mm	24L Ø 250 x 470mm
Working Pressure	0.22Mpa		
Working temperature	134o C		
Heat average	≤± 1o C		
Timer range	0 ~ 99 Min		
Temperature adjust range	105 ~ 134o C		
Power	1.8KW/AC220V, 50Hz	2KW/AC220V, 50Hz	2KW/AC220V, 50Hz
Dimension	560 X 470 X 400	560 X 470 X 400	675 x 470 x 400
Exterior package dimension	655 x 560 x 495	655 x 560 x 495	765 x 560 x 495
G.W/N.W	48Kg/ 43Kg	52Kg/ 47Kg	58Kg/ 53Kg

Pulsating Vacuum Desktop Steam Sterilizer

Use:

The table type sterilizers are safely auto-controlled, which are designed for the dental clinics, hospitals, school lab, scientific research institutions and laboratory. And mostly suitable for sterilizing of surgical, dental and eye instruments, glassware medicine, culturemedium and biological dressing, food, etc.

Characteristics:

- Standard Class B with three times vacuum and drying, the remaining temperature or sterilized instrumentis less than 0.2%.
- LCD display working status, touch keys.
- The vacuum data can reach ~0.8bar, it fits various instrument, including package. unpackaged, solid, hollow, multi-apertures and inset pipes. It makes sure the instrument can be sterilized completely.
- Fully computer controlled LCD display bright show. The interface is modularized panel for easy operntion.
- It is installed with BOWIE&DICK which measures the penetration of water steam.
- It has vacuum test which can make sure the ability of vacuum testing.
- Fast and independent steam generator.
- Built-in mini printer which can record the sterilizing information.
- Equipped with Safety valve, Sarety lock door system, Pressure lock system, Pressure or temperature overload protection, Alarm system.
- It inactivatcs the HIV, HBV, BSE and bacillus efficiently.

Technical Data:

Model / Technical Data	TS- XD35DV	TS- XD50DV	TS- XD90DV
Sterilizating Chamber volume	35L Ø 300 x 500mm	50L Ø 340 x 550mm	90L Ø 400 x 720mm
Working Pressure	0.22Mpa		
Working temperature	134o C		
Heat average	≤± 1o C		
Timer range	0 ~ 99 Min		
Temperature adjust range	105 ~ 134o C		
Power	2.7KW/AC220V, 50Hz		4KW/AC220V, 50Hz
Dimension	730 X 550 X 510	770 X 600 X 540	675 x 470 x 400
Exterior package dimension	810 x 680 x 650	880 x 730 x 700	765 x 560 x 495
G.W/N.W	115Kg/ 93Kg	130Kg/ 106Kg	200Kg/ 180Kg

Horizontal Cylindrical Pressure Steam Sterilizer

Use:

The horizontal autoclave, which adopte the way of gravity exchange to release the cold air from the chamber more completely to ensure the reliable sterilization. The control system automatically adjust the steam inlet and outlet according to chamber temperature during sterilizing. This unit is an ideal equipment for clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabric glassed, and the culture media etc.

Characteristics:

· Automatially controlled the sterilizing process, easy to operate.
· The safety valve will be open automatically when the inner pressure over 0.21IMPa and the steam would be exhausted the water tank.
· With drying function, suitable for the medical dressing drying.
· With over-temperature, over-pressure auto-protect.
· The door can not be open until the pressure in the chamber is reduced to 0.027MPa. And the unit can not be started on if the door doesn't close well.
· Au1omatically cut off the power if the water-lack happened, and alarm at the meanwhile.
· The chamber of the sterilizer is made of stainless steel.

Technical Data:

Model Technical Data	TS- 150YDA	TS- 200YDA	TS- 280YDA	TS- 400YDA	TS- 500YDA
Sterilizating Chamber volume	150L Ø 440 x 1000mm	200L Ø 515 x 1000mm	280L Ø 600 x 1000mm	400L Ø 700 x 1100mm	500L Ø 700 x 1300mm
Working Pressure	0.22Mpa				
Working temperature	134o C				
Temperature adjust range	40o C ~ 134o C				
Time for sterilization	0 ~ 60 Min				
Time for drying	0 ~ 60 Min				
Heat average	≤± 2o C				
Power	9KW/380V, 50Hz	9KW/380V, 50Hz	12KW/380V, 50Hz	18KW/380V, 50Hz	18KW/380V, 50Hz
Dimension	1400 X 600 X 1300	1400 X 670 X 1650	1400 X 770 X 1780	1430 X 880 X 1830	1800 X 900 X 1820
Transport Dimension	1550 x 750 x 1850	1560 x 820 x 1850	1680 x 920 x 2100	1600 x 1050 x 2100	1850 x 1050 x 2100
G.W/N.W	320Kg/ 240Kg	350Kg/ 260Kg	465Kg/ 365Kg	530Kg/ 420Kg	580Kg/ 470Kg

Horizontal Cylindrical Pressure Steam Sterilizer

Use:

The horizontal autoclave, which adopte the way of gravity exchange to release the cold air from the chamber more completely to ensure the reliable sterilization. The control system automatically adjust the steam inlet and outlet according to chamber temperature during sterilizing. This unit is an ideal equipment for clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabric glassed, and the culture media etc.

Characteristics:

· Automatially controlled the sterilizing process, easy to operate.
· With drying function, suitable for the medical dressing drying.
· With over~temperature, over~pressure auto~protect.
· The door can not be open until the pressure in the chamber is reduced to 0.027MPa. And the unit can not be started on if the door doesn't close well.
· The safety valve will be open automatically when the inner pressure over 0.24MPa and the steam would be exhausted the water tank.
· Automatically cut off the power if the water~lack happened, and alarm at the meanwhile.
· Fully stainless steel structure.

Technical Data:

Model Technical Data	TS- 150YDC	TS- 200YDC	TS- 280YDC	TS- 400YDC
Sterilizating Chamber volume	150L Ø 440 x 1000mm	200L Ø 515 x 1000mm	280L Ø 600 x 1000mm	400L Ø 700 x 1100mm
Working Pressure	0.22Mpa			
Working temperature	134o C			
Temperature adjust range	40o C ~ 134o C			
Time for sterilization	0 ~ 60 Min			
Time for drying	0 ~ 60 Min			
Heat average	≤± 2o C			
Power	9KW/380V, 50Hz	9KW/380V, 50Hz	12KW/380V, 50Hz	18KW/380V, 50Hz
Dimension	1400 X 600 X 1300	1400 X 670 X 1650	1400 X 770 X 1780	1430 X 880 X 1830
Transport Dimension	1550 x 750 x 1850	1560 x 820 x 1850	1680 x 920 x 2100	1600 x 1050 x 2100
G.W/N.W	320Kg/ 240Kg	350Kg/ 260Kg	465Kg/ 365Kg	530Kg/ 420Kg

Horizontal Cylindrical Pressure Steam Sterilizer

Use:

The horizontal autoclave, which adopte the way of gravity exchange to release the cold air from the chamber more completely to ensure the reliable sterilization. The control system automatically adjust the steam inlet and outlet according to chamber temperature during sterilizing. This unit is an ideal equipment for clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabric glassed, and the culture media etc.

Characteristics:

• Automatially controlled the sterilizing process, easy to operate.
• With drying function, suitable for the medical dressing drying.
• With over~temperature, over~pressure auto~protect.
• The door can not be open until the pressure in the chamber is reduced to 0.027MPa. And the unit can not be started on if the door doesn't close well.
• The safety valve will be open automatically when the inner pressure over 0.24MPa and the steam would be exhausted the water tank.
• Automatically cut off the power if the water~lack happened, and alarm at the meanwhile.
• The chamber of the sterilizer is made of stainless steel.
• With printer.

Technical Data:

Model / Technical Data	TS- 150YDB	TS- 200YDB	TS- 280YDB
Sterilizating Chamber volume	150L Ø 440 x 1000mm	200L Ø 515 x 1000mm	280L Ø 600 x 1000mm
Working Pressure	0.22Mpa		
Working temperature	134o C		
Temperature adjust range	40o C ~ 134o C		
Time for sterilization	0 ~ 99 Min		
Time for drying	0 ~ 99 Min		
Heat average	≤± 1o C		
Power	9KW/380V, 50Hz	9KW/380V, 50Hz	12KW/380V, 50Hz
Dimension	1400 X 650 X 1600	1400 X 750 X 1700	1520 x 910 x 1900
Transport Dimension	1560 x820 x 1820	1560 x 910 x 1880	1680 x 1080 x 2100
G.W/N.W	430Kg/ 340Kg	436Kg/ 350Kg	570Kg/ 462Kg

Horizontal Cylindrical Pressure Steam Sterilizer

Use:

The horizontal autoclave, which adopte the way of gravity exchange to release the cold air from the chamber more completely to ensure the reliable sterilization. The control system automatically adjust the steam inlet and outlet according to chamber temperature during sterilizing. This unit is an ideal equipment for clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabric glassed, and the culture media etc.

Characteristics:

• Automatially controlled the sterilizing process, easy to operate.
• With drying function, suitable for the medical dressing drying.
• With over~temperature, over~pressure auto~protect.
• The door can not be open until the pressure in the chamber is reduced to 0.027MPa. And the unit can not be started on if the door doesn't close well.
• The safety valve will be open automatically when the inner pressure over 0.24MPa and the steam would be exhausted the water tank.
• Automatically cut off the power if the water~lack happened, and alarm at the meanwhile.
• Fully stainless steel structure.
• With printer.

Technical Data:

Model Technical Data	TS- 150YDD	TS- 200YDD	TS- 280YDD
Sterilizating Chamber volume	150L Ø 440 x 1000mm	200L Ø 515 x 1000mm	280L Ø 600 x 1000mm
Working Pressure	0.22Mpa		
Working temperature	134o C		
Temperature adjust range	40o C ~ 134o C		
Time for sterilization	0 ~ 99 Min		
Time for drying	0 ~ 99 Min		
Heat average	≤± 2o C		
Power	9KW/380V, 50Hz	9KW/380V, 50Hz	12KW/380V, 50Hz
Dimension	1400 X 650 X 1600	1400 X 750 X 1700	1520 x 910 x 1900
Transport Dimension	1560 x 820 x 1820	1560 x 910 x 1880	1680 x 1080 x 2100
G.W/N.W	430Kg/ 340Kg	436Kg/ 350Kg	570Kg/ 462Kg

Intelligent Blast Drying Oven

Characteristics:

- The chamber of the blasting oven is made up of superior stain steel sheet or the mirror~finish stainless steel sheet, and the outside sprayed with plastic power, double-decked tempered glass~observation,with handsome appearance, and it is safe and convenient to operate on.
- The blasting oven is controlled by lhe microcomputer, equipped with temperature setting testing, double digital display and PID self~setting function.
- Equip with over-temperature auto- protection & time setting, undulatory property is small.
- The blasting oven is equipped with following alarming function, churned~up hot air circle, low heat age lose, blasting and heating can be separately operated.
- Hot air circle system is made up of exit fans and suitable fan duct with low noisy, the tempcrature in the chamber is uniformity.

Annotate: A-the inner chamber is made up of galvanized sheet.
AS- the inner charmber is made up of mirror-finish stain steel sheet.

Model THG9000 series

Technical Data:

Model Technical Data	THG- 9040A(S)	THG- 9070A(S)	THG- 9140A(S)	THG- 9240A(S)	THG- 9640A(S)
Power Supply					
Range of Temperature			50o C ~ 300o C		
Heat Average			+ 5o C - ± 1o C		
Followed- Alarming			AC220V, 50Hz		
Power	1000W	1500W	2000W	2500W	4500W
Chamber Dimension	350 X 350 X 350	450 X 350 X 450	550 X 450 X 550	600X 500 X 750	800 X 800 X 1000
Dimension	500 x 560 x 705	650 x 560 x 805	750 x 660 x 905	800 x 710 x 1150	1000 x 1010 x 1355

ELEKTRO LED PHOTOTHERAPY

Cherish your life, Cherish your health!

Elektro i501 LED Phototherapy

Use:

Elektro 1501 is an innovative, sleek, space saving, contemporary design for faster and effective neonatal jaundice treatment. Elektro 1501 unique design ability to cover the maximum body surface area makes it the equivalent of 2 phototherapy units in one single body. Plus, the irradiance of the 24 LED lamps can be modulated to provide uniform coverage based on patient needs. And finally, you can measure the actual irradiance using the optional irradiance meter. All in all you have a complete phototherapy package in a single elegant unit.

Spectral Irradiance:

Elektro i501 is equipped with irradiance control and monitoring facility which will ensure the intensity between 15 - 75 µW/cm²/ nm

Modes of Operation:

1. Double Surface Phototherapy
2. Intensive Phototherapy
3. Single surface Phototherapy

Elektro i501

Elektro i502 LED Phototherapy

Set your own intensity level for a more effective Phototherapy

- Intensity Control from 15-75 mW/cm²/nm
- Manual Intensity Central
- Digital Recettable Patient Timer
- 24 Hign Bright Blue LED for treatment
- Independent White LED for Observation

Elektro i502

ELEKTRO RADIANT WARMERS

Elektro i503 Series

Use:

For the first time in India, Elektro provides infant radiant warmers with a unique Sensor Displacement Detection System.

Now you no longer have to worry about Patients overheating due to the displacement of the sensor probe displacement from the baby's skin.

Elektro 1100 infant warmers have been designed with this unique facility which automatically detects Sansar displacement and immediately raises an AV alarm While the heater output gets rastrictad. On proper reattachment of the sensor probe, the device starts working normally.

Elektro infant warmers have been designed for ease of operating, and long continuous use, with efficient performance and strong safety features, The wermers have been designed to meet multiple working conditions including NICUS, Labour wards, operation theatres etc.

Elektro infant warmers incorporate all patient safety AV alarms so that you can respond to individual dual-patient needs accordingly. The design is robust, functional and easy to use. It is also easy to clean.

Elektro i503A	Warmer with integraced bed & tray
Elektro i503B	Warmer with integraced bed & drawer
Elektro i503C	Warmer with detachable baby trolley
Elektro i100A	Warmer with non detachable baby trolley
Elektro i100B	Wall mounted Warmer

Elektro i503A

Technical Data:

	Electro i503A	Electro i503B	Electro i503C	Electro i100A	Electro i100B
Mode of Operation					
- Servo / Manual / Prewarm	✓	✓	✓	✓	✓
Heater - Quartz 600W	✓	✓	✓	✓	✓
Thermistor Sensor	✓	✓	✓	✓	✓
Display					
- Set Temperature	✓	✓	✓	✓	✓
- Patient Temperature	✓	✓	✓	✓	✓
Observation Lamp	✓	✓	✓	✓	✓
Audio Visual Alarms	✓	✓	✓	✓	✓
Sensor Displacement Detection System	✓	✓	✓		
APGAR Timer	✓	✓	✓		
Countdown & Resettable timer	✓	✓	✓		
In built bed	✓				
In built tray	✓				
In built drawer		✓			
Detachable trolley			✓		
Non detachable trolley				✓	
Bed/Trolley tilting mechanism	✓	✓	✓	✓	
Provision for X Ray Cassette Holder	✓	✓	✓	✓	
Wall mounting					✓

Elektro i100B

Elektro Blanket

Use:

Now provide greater bonding between MOTHER and her CHILD.

Characteristics:

- An ideal solution to promote 'kangaroo care for infants under jaundice treatment.
- Suitable under both Clinical and Home settings.
- The light intensity can be selected between low, regular and high for appropriate treatment.

Superior Performance:

Meets International guideline for phototherapy

Performance factor	Clinical Guidelines	Electro Blanket Specification
Light wave Length	430 - 490 nm	450 - 475 nm
Light Intensity/ Irradiance	Should be greater than 30µW/cm²/nm	Electro blanket giving > 35 µW/cm²/nm
Effective Surface Area	Light should cover maximum surface area	Elektro cover 40 X 25 cm surface area from underneath of the baby.

ELEKTRO MOBILE DIGITAL X-RAY
RADIOGRAPHY SYSTEM 32KW

ELK-M320DR

Use:

The horizontal autoclave, which adopte the way of gravity exchange to release the cold air from the chamber more completely to ensure the reliable sterilization. The control system automatically adjust the steam inlet and outlet according to chamber temperature during sterilizing. This unit is an ideal equipment for clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabric glassed, and the culture media etc.

Technical Specification:

ITEM	SPECIFICATION	
X-ray Tube Assembly	Focus: small focus 0.6mm; large focus 1.2mm	
	Anode heat capacity: 200KHU, Rotating Anode	
	The voltage: 40-125KV (optional 40-150KV)	
	Rotary Anode Speed:3000rpm	
X-ray high-frequency high-voltage generator	Power Output :32KW	
	Tube Voltage :40-125KV (optional 40-150KV)	
	Tube Current : 30-400mA	
	Power Voltage: 220V, 50HZ	
Back-up Battery	220V AC/ DC Switch Freely DC Power Status: 100Kv 200MA 0.1s, user can do exposure at least 30 times.	
Collimator	LED Light Source, with auto timer ON/OFF	
	Power: 24VAC/VDC	
	Power Capacity: 20W	
	Maximum View-field: 48*48cm(@100SID/FFD)	
	Illuminance:>160LUX	
Electric Driven Moving Mechanical System	X-ray tube head Vertical Elevating Range:900-1840mm	
	X-ray tube head Horizontal extension range: 760-1100mm	
	Column rotation: 0°--270°	
	X-ray tube rotation: ±90°	
Wireless Flat Panel Detector	Detector Technology	Amorphous Silicon
	Scintillator	CsI
	Active Area	427×427m2
	Pixel Matrix	3072×3072
	Pixel Pitch	139μm
	Spatial Resolution	3.6lp/mm
	AD Conversion	16bit
	Battery Autonomy(h)	5
	WIFI	2.4GAND 5G,IEEE802.11 a/b/g/n/ac
	Trigger Mode	AED/Software
	Full Image Time	5S
	Dimensions	460×460×15mm
	Weight	4.6kgs
	Static loading	150kg uniformly
	Ingress protection	IPX1
	Storage & transport humidity with package(% RH)	5 to 95(non-condensing)
Image acquisition workstation system	19inch touch screen	15CPU, 8G RAM, 128G hard disk, win10 system

Flat Panel Detector

Use:

Eksd 1717V wireless Flat Panel Detector is a smart 17× 17 inch wireless, cassette-sized FPD for radiographic imaging. It features reliable AED, dependable wireless performance, and a long battery lift. The Eksd 1717V supports a fast work flow, and is the optimal choice for both retrofit and new DR system solutions.

Wireless cassette detector per ISO 4090, fits in bucky, and a 139μm pixel pitch with 16 bit ADC for more image details, and a stable isync+ AED.
It is Dual band(2.4 and 5GHz) wireless support with easy sharing, long battery life and smart workflow,direct deposition Csl for better image quality with lower dose

Image acquisition workstation system (19inch touch screen)

High Integration of High Voltage generator software and image acquisition software. Set all generator parameters through image Acquisition working Station.

Image Processing Function:

Image width, position adjustment, Gray Scale Inversion, Roaming Amplification and Magnification, rotation, explanatory note, all types measurement, cutting, balancing, wave flitering, data information management.
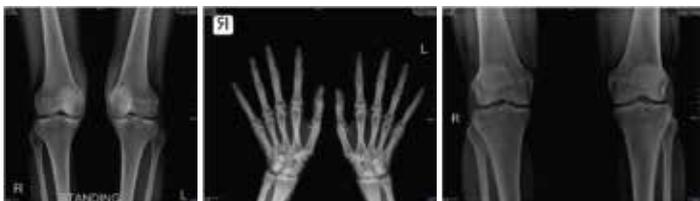
Image output:

Support different rules and format image, Support image-text report system

Clinical End User DR Image Show

ELEKTRO HIGH FREQUENCY
DIGITAL X-RAY RADIOGRAPHY SYSTEM

Elektro GENESIS

Cherish your life, Cherish your health!

System Configuration:

SN	Description	Quantity
1	High Frequency Generator 65KW with AEC	1 set
2	Xray Tube Max 800mA	1 set
3	High Voltage Cable	2 pcs
4	Collimator with auto timer ON/OFF	1 set
5	Motorized Electric-Magnetic 4 direction Floating Radiography Table	1 set
6	Machine Frame with column track	1 set
7	Electric Bucky Stand 17*17inch	1 set
8	Condition Setting&Exposure Control Panel	1 set
9	CsI wired Flat Panel Detector and software	2 set
10	19'' High Resolution Medical Grade LCD Monitor	1 set
11	DELL Image acquisition workstation	1 set

Elektro High Voltage Generator

Features:

High kV, high power, short-term transient exposure, effectively improve the image resolution, make the image clear, and meet the needs of clinical comprehensive diagnosis.

Intelligent control of the system, easier operation, and greatly improved the stability of the X-ray output.

Advanced high-frequency inverter technology is used to make random compensation for mA effect and improve mA accuracy. Strong AEC Function.

Xray Tube Assembly Set

Features:

Small focus, rotating anode tube, high efficiency, less scattered lines, effectively improve image resolution, imaging effect is more clear.

The CPU controls the X-ray tube load and heat capacity, making the X-ray output more stable and effectively extending the life of the tube. China tube and Toshiba Tube for options.

Mechanical Frame

Features:

Excellent operating system, one- button programming, fully automatic positioning, making the tube & column movement easier and more convenient, tube column and bucky stand are linked synchronized movement, it is automatic positioning for chest radiography, no need doctor to do any manual calibration for the bucky position, avoiding repeated operations by the operator; easily complete multi-angle, various parts of the investment.

Image acquisition workstation system

Features:

High Integration of High Voltage generator software and image acquisition softwar
Set all generator parameters through image Acquisition working Station.

Image Processing Function:
- Image Width
- Position Adjustment
- Gray Scale Inversion
- Roaming Amplification and Magnification
- Rotation
- Explanatory Note
- All Types Measurement
- Cutting, Balancing
- Wave Flitering
- Data Information Management

Image output:
- Support different rules and format image
- Support image-text report system

All-in Design Friendly Radiography Control Panel for Condition Setting & Exposure, Cover all Patient type and All Body Position

Collimator assembly (with ON/OFF switch with an auto off timer) Long Spanlife LED bulb

Xray Tube assembly with LCD Display, including the advanced automatic SID positioning function

Electric Motorised Floating x-ray table

Motorised Up-down Function.
Electric Motorised Floating x-ray table
Four-way Floating: Right-left & In-out, with electromagnetic brake system

Dry Film Printer (DICOM3.0), 4 size film compatible, fast printing speed

Electric Control Chest Bucky Stand, synchronized to move up and down with Xray Tube Assembly

Clinical End User DR Image Show

Technical Paramaters:

Model No.	ACM-DR800	
X-ray high-frequency high-voltage generator	Power Output	65KW
	Tube Voltage	40-150KV
	Tube Current	30-800mA
	Power Voltage	380V 3phase
Xray Tube Assembly	Anode Type	Rotary Anode
	Small Focus	0.6mm
	Large Focus	1.2mm
	Anode Heat Capacity	300KHU/400KHU
	Anode Rotation Speed	3000rpm
	The maximum voltage	150KV
	Maximum current	800mA
Radiography Table and chest frame system	Motorized Up-down control, Electric-Magnetic Bed (L2000mm*W720mm)	
	Column Up and down movement range:0-1400mm	
	Column horizontal movement range:1600mm	
	Column rotation: ±180°	
	Chest stand bucky up and down movement range:0-1400mm	
	Chest stand bucky and the tube are synchronized to move up and down	
	Column rotation: ±180°	
	Tube rotation Angle:±90°	
Wired Flat Panel Detector 17*17 inch	Detector Technology	Amorphous Silicon
	Scintillator	CsI
	Active Area	$427 \times 427m^2$
	Pixel Matrix	3072×3072
	Pixel Pitch	139μm
	Spatial Resolution	3.6lp/mm
	AD Conversion	16bit
	Data Transmission	Gige
	Trigger Mode	AED/Software/Prep
	Preview Image Time	3s
	Full Image Time	5s
	Dimensions	$460 \times 460 \times 15mm$
	Weight	4kgs
	Power Dissipation	30W
Image acquisition workstation system & Film Printer	Computer	DELL Brand 64BIT, with 3KVA UPS,
	Hardware	CPU: i5, 12G RAM; hard disk 4TB,
	Display	19" Medical Grade LCD High
	Dry Film Printer	2 Tray, Standard DICOM3.0 connection
	Dry Film Size	14*17/11*14/10*12/8*10
	Printing Speed	14*17inch》70sheets/h; 8*10inch》90sheets/h

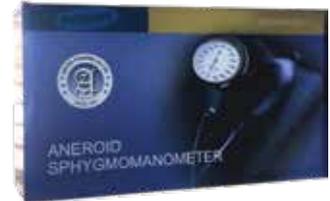# THE SUPERIOR QUALITY
ELEKTRO CONSUMABLES

Elektro
GENESIS

Cherish your life, Cherish your health!

Alcohol Pads

Absorbent Cotton Gauze roll

Aneroid Sphygmomanometer

Aneroid Sphygmomanometer

Arm type Blood Pressure Monitor

Latex Powdered Examination Gloves

Bela Flor KN95 Protective Face Mask

Blood Pressure Monitor

Chromic Catgut

Crepe Bandages(10cm*4m)

Crepe Bandages(15cm*4m)

Heart ED Monitor ELK-29

Electronic Sphygmomanometer

Blood Pressure Monitor
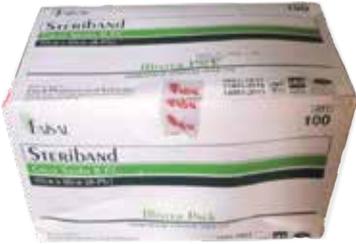
Scalp Vein Set

Euro-Ject- 11

**Euroject
Disposable Needle**

**Euro-Jet-x Auto
Disable Syringe**

**Steriband
Blister Pack**

**Fingertip
Pulse Oximeter**

**Gluco Doctor
(Blood Glucose Meter)**

**Handheld
Pulse Oximeter**

**Healflon IV Cannula with
Catheter & Injection Valve**

**High Quality
Stethoscopes KT-102**

**Nebulizer
Mask**

**Infrared
Thermometer**

**Intravenous
Infusion Set**

**Lifetek
Cardiology Stethoscope**

**Littmann
Classic N.S.E.**

**Medicare Antiseptic
Plastic Strips**

N95 Mask Respiratory Protection

Nasal Cannula (Nasal Oxygen Catheter)

Nylon Monofilament

Polyglactin Absorbable Suture

Shoe Cover

Single Head Stethoscope

Surgical Cap

Surgical Disposable 3ply Earloops Type

Surgical Tape

Nylon Monofilament

Sterile Swab Stick

Wooden Tongue Depressor

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Elektro
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