

MEDICAL EQUIPMENT



QUALITY

YOU CAN TRUST

SERVICE

YOU CAN RELY ON

SYRINGE PUMP



Feature

Weight - 1.5 kg

Brand - ALIS Syringe

Type - Pump

Size - 2ml, 5ml, 10ml, 20ml, 30ml, 50ml, 60ml

Accuracy Frequency - $\pm 2\%$ 50/60Hz

Voltage Power - 100-240 V AC 55 VA

Dimension Battery Backup - 278 x 145 x 106mm
(WxDxh) 6 Hours II

Classification - PX2 10.8 v 0.1-9999.9 ml

MDK SYRINGE PUMP



Key Feature

- Model: MS 54
- Manufacturer: Medecin (a brand of Fresenius Kabi)
- Type: Syringe Pump
- Dimensions: 140 mm (W) x 220 mm (H) x 320 mm (D)
- Weight: Approximately 2.5 kg (5.5 lbs)
- Power Supply: 100-240 VAC, 50-60 Hz
- Battery Life: Up to 8 hours (rechargeable battery)
- Flow Rate: 0.1-120 mL/h (in 0.1 mL/h increments)
- Syringe Size: 10mL, 20mL, 30mL, and 60mL
- Pumping Mode: Continuous, Intermittent, and Bolus
- Infusion Volume: 0.1-9999 mL (in 0.1 mL increments)
- Infusion Time: 0-999 minutes (in 1-minute increments)

Machine Specificatipons

- Maximum infusion pressure- >150kPa
- Occlusion Alarm: Detects occlusions in the infusion line and alerts the user
- Air-in-Line Alarm: Detects air in the infusion line and alerts the user
- Low Battery Alarm: Alerts the user when the battery level is low
- Display: Backlit LCD display showing infusion parameters, alarms, and battery status.

Certifications and Compliance

- CE Mark: Conforms to EU Medical Device Directive 93/42/EEC.
- FDA Clearance: 510(k) cleared by the US FDA.
- ISO Certification: Meets ISO 13485:2016 standards for medical device quality management systems.

BYOND SYRINGE PUMP



Description

Intelligent & safe & low noise and less vibration are supported by application of motor drive IC imported from German and motor imported from Japan.

• Unique voice, word and light combination alarms, very faster and reliable

• Can be stackable to save space

Easy operation

• brand new appearance provide better experience provide better experience

• Clearly LCD and digital tube dual display

• Simple rate mode with one key start, easy to operate precision more safer

• Three occlusion level for option

• Intelligent recognition of the 10ml, 20ml, 30ml, 50ml, (60ml) syringe, can work any brand syringe after calibration

feature

HD LCD Display, high capacity words, friendly user interface, dynamically display working status;

• Audible and visual alarm for occlusion, empty, near empty, low battery, end of infusion, syringe loose, wrong setting, etc,;

• Compatible with 5ml, 10ml, 20ml, 30ml, 50/60ml syringe of any brands;

• Preset solution volume to greatly reduce the workload of nurses;

• Three working modes: Rate mode, Time volume mode, Dosage Weight mode.

• Three levels of occlusion: high, medium and low.

• purge and bolus function.

• KVO (keep-vein-open) automatically opens as injection is completed, KVO rate is 0.1-5ml/h (0.1ml/h step).

• Freely Stackable: freely stack one

• syringe pump onto another to provide multiple solutions, which have a wide range of clinical applications.

YONKER SYRINGE PUMP



FEATURES

- Auto-Lock Screen
- Pressure Monitoring
- Dual CPU
- History Record Cassette
- System Self-test

EASIER OPERATION

- Compatible with syringe brand WEGO and double dove after correct calibration.
- Comprehensive drug library is able to satisfy various clinical needs.
- intelligently identify syringe size: 10ml, 20ml, 30ml, 50ml, (60ml

SAFER DESIGN

- Brand new appearance to provide better visual sensibility.
- Intuitively and clearly display various information through LCD and LED screen;
- Triple-Assemblage
- One key to start simple mode injection, which enables easier operation.
- Battery type: Rechargeable Lithium ion polymer battery.
- Battery life: > 10 hrs; 5ml/h
- weight: 2 kg



Machine Overview:

- The melting rate setting range is 1~1500mL/h;
0.1 - 100ml/h minimum step is 0.1,
101-1500ml/h minimum step is 1
- 5ml/10ml/20ml/30ml/50ml (60ml)
four specification syringe.
- accuracy - No more then 2%.
- Bettery working time - Not less then 8h.
- KVO speed range - 2.5ml/h.
- working environment -
Temperature 5-40`C, relative
humidity <80%.
- voltage - 220+15AC.
- Dimensions - 248*151.5*97mm.

Safety Features:

- Alarm System: Alerts users to errors, occlusions, or other issues. Syringe
- Detection: Automatically detects syringe size and type. Flow Rate Limiting: Prevents
- excessive flow rates to ensure safe operation. LCD Display: Features a clear
- and intuitive LCD display that shows real-time infusion.

Machine Overview:

- Alarm System: Alerts users to errors, occlusions, or other issues. Syringe
- Detection: Automatically detects syringe size and type. Flow Rate Limiting: Prevents
- excessive flow rates to ensure safe operation. LCD Display: Features a clear
- and intuitive LCD display that shows real-time infusion. touch screen for easy
- operation and clear vision.

SYRINGE PUMP



Specification

Infusion mode	Rate mode Time mode Body weight mode Intermittent infusion mode (Optional) Drug library mode (Optional) Various brands of sterile syringes: 5ml,10ml, 20ml, 30ml, 50ml/60ml
Applicable Syringe	
Accuracy	±2% After syringe correct calibration)
Infusion rate	5ml syringe: 0.1-150ml/h 10ml syringe: 0.1-300ml/h 20ml syringe: 0.1-600ml/h 30ml syringe: 0.1-900ml/h 50ml(60ml)syringe: 0.1-1500ml/h
Volume to be infused (VTBI)	0-1000ml
Volume infused	0-9999.9ml
KVO rate	0.1-2ml/h adjustable; default value 0.1ml/h
BOLUS(ml/h)	5ml syringe: 100-150ml/h 10ml syringe: 100-300ml/h 20ml syringe: 100-600ml/h 30ml syringe: 100-900ml/h 50ml(60ml)syringe: 100-1500ml/h
History record	1600 records
Computer interface	RS232 interface
Alarm	Syringe disengaged, Almost done, Infusion completion, Empty, Occlusion, Low battery, handle off, AC fail, On Battery, Battery exhausted etc.
Power supply	DC:12±1.2V AC:100-240V, 50/60HZ
Power consumption	25VA

Feature

- History records
- Unique intelligent self-recognition technology of syringes
- KVO, Bolus and Anti-bolus Applicable for 5, 10, 20, 30, 50(60) ml syringes
- Compatible for various brands of syringes
- Various infusion modes to meet different clinical requirements
- Various visual and audible alarms
- Numeric keys design, easy to operate
- Large colorful LCD screen
- Real time display, ensure the infusion information to be recorded correctly
- 3 adjustable occlusion levels, dynamically display the pressure
- Night mode
- Double CPU ensuring safe infusion

CONTEC SYRINGE PUMP



FEATURE

- Injection rate and total volume can be set by users.
- High priority alarms: occlusion, syringe out, motor abnormality, no syringe installed, battery exhaustion, enter KVO, pressure failure, etc. General alarms: near completion, low battery and standby prompt.
- With bolus injection, battery function, convenient for supplying temporary and rapid medication.
- Enter KVO mode after the injection is completed.
- With a built-in rechargeable battery, it can automatically switch to battery-powered when power is interrupted and automatically charge once power-on.
- 2.8" LCD.
- Audible, visible and text prompt function.
- The system parameter and syringe type settings are protected by the password, prevents changes.
- The disposable syringe met national standards can be used, and the accuracy be ensured by adjusting parameters;

PERFORMANCE SPECIFICATIONS

- Specification for syringe :
10ml/20ml/30ml/50ml syringe met national standards
- Injection rate:
10ml 0.1 ml/h - 100ml/h
20ml 0.1ml/h- 200ml/h
30ml 0.1ml/h-300
20ml 200ml/h
30ml 300ml/h
50ml 500ml/h
- Accumulated volume display: 0ml-999.9ml.
- Accuracy: +3%.
- Pressure range for occlusion alarm:
Three grades are adjustable:
Low: 40LPa + 16KPa
Middle: 70KPa+ 30KPa
High: 100KPa+35KPa
- KVO rate: 0.1ml/h~5ml/h, adjustable.
- Safety classification: Class equipment, internally powered type BF.
- Alarm function: (1) At non-operated state (2) Near empty (3) Empty, enter KVO mode (4) Syringe fall-off (5) Occlusion (6) Pressure failure (7) Motor failure (8) Low battery (9) Communication abnormal



NV SURGICALS
MFG. OF HOSPITAL FURNITURE & EQUIPMENTS

4004



SYRINGE PUMP

PRODUCT DESCRIPTION

AKAS SYRU 4004 is a front-loading syringe pump that is compact, light and rugged. Designed in an elegant fashion it stands out in your ICU. It works accurately for adult, pediatric and neonatal patients with laminar drug flow improving the patient care when drugs with a short half-life are administered. Concentrated medicines need to be injected continuously as well as slowly into the patient. Syringe pumps are highly helpful under such situations as they can be programmed to deliver a specified quantity of drugs through the vein at a predetermined rate. AKAS TERUMAX Syringe Pump can be used in Adult, Pediatric and Neonatal Patients

FEATURES

- Suitable for Cardiothoracic Patients
- Rugged and Strong design for rough use
- Compact (2.4 ltr) & Lightweight(1.75kg)
- 0.1 to 1200ml/hr flow rate
- Long battery back up (up to 10 Hrs)
- Dosage ramp up and taper down function
- Custom programmable mode to accept any brand of syringe
- Auto / Purge bolus facility
- Multiple safety alarm facility
- Inline program during infusion

PRODUCT SPECIFICATIONS

- Power Supply: AC 220V 50HZ
- Battery: 12V Ni-MH Battery.
- Battery Backup: 10hrs @ Sml.hr flow rate on 50ml syringe.
- Power Consumption: 7VA
- Display: Four 7 segment
- Applicable Syringe: 2ml, 5ml, 10ml, 20ml, 30ml, 50/60ml & 100ml syringe from JMS, Braun, Dispovan, BD and Custom Programmable for any brand of Syringe.
- Automatic Syringe Size Detector: Available
- Flow Rate Change:-

NAC MODE	IN BATTERY MODE
0.1 – 200 ml/Hr	70ml/Hr (5ml Syringe)
0.1 – 300 ml/Hr	110ml/Hr (10ml Syringe)
0.1 – 500 ml/Hr	190ml/Hr (20ml Syringe)
0.1 – 700 ml/Hr	260ml/Hr (30ml Syringe)
0.1 – 1200 ml/Hr	400ml/Hr (50ml Syringe)
- Indused Volume: 0.1 - 999.9 ml Elapsed Time:
- Display of Elapsed time from 00:01 to 99:59 hrs Dosage Taper UP/DOWN(Sequential mode): Sequential program of 10 different program KVO: 0.1ml/hr to 9.9ml/hr in 0.1 ml increment Bolus: Purge Bolus & Auto Bolus
-

BYZ-820

BYOND INFUSION PUMP

FEATURE

- HD LCD Display, high capacity words, friendly user interface dynamically display working status;
- Audible and visual alarm for occlusion, empty, low battery, end of infusion, door open, wrong setting, etc., which gain patents;
- Compatible with any brands of infusion sets after correct calibration;
- Preset solution volume to greatly reduce the workload of nurses;
- Work mode: ml/h and drop/min can switch freely;
- Three levels of occlusion: high, middle and low;
- Purge function;
- KVO (keep-vein-open) automatically opens as infusion is completed, KVO rate is 1-5ml/h(1ml/h step);
- Power Source: AC100-240V,50/60Hz; internal battery;
- Automatically record the setting of last infusion;
- OEM is available.



INTRODUCTION

KAARYA Infusion Pump BYZ-820 is a bubble detector and pressure sensor that can precisely detect air bubbles. It feature KVO and bolus functions, a unique voice alarm system and an accurate injection rate to make the injection process safer and more reliable.

SPECIFICATIONS:

- Rate: 1ml/h~1,200ml/h
- Flow Rate Accuracy: within $\pm 5\%$ (after correct calibration)
- mechanical precision within $\pm 2\%$
- Purge Rate: 100ml/h~1,000ml/h, 100 ml/h step)
- infusion Volume: 1ml~9999ml.



SURGICALS
MFG. OF HOSPITAL FURNITURE & EQUIPMENTS

CONTAC INFUSION PUMP CMS-750

INTRODUCTION

The product is a volumetric infusion pump, features in high safety, easy operation and long life, Flow control with high accuracy and comprehensive alarm measures ensure patient's safety and optimum therapeutic effect.

PERFORMANCE

- Flow rate: 1ml/h~699ml ml
- Bolus rate: 699/h
- Preset volume range: 1ml~9999ml
- Infusion accuracy: +5%
- KVO rate: 1~5ml/h (keep vein open, KVO infusion rate)
- Display information: infusion rate, total volume, infused volume, residual time.
- Occlusion pressure: 100kpa~300kpa
- Safety Classification: Class I, type BF (DC input part is Class II, type BF)
- Waterproof: IPX1 action
- Power Supply: AC: 100-240v, 50/60 Hz or DC: 12v
- Rechargeable Li-Ion battery, 7.4 V/3700mAh



SPECIFICATION

Modal Name/Number:	SP750 Volumetric infusion pump
Product Type:	Hospital 2kg Contec 50Hz 240V
Usage/Application:	TFT-LCD 2.8inch
Weight:	699ml/h
Brand:	9999ml/h
Frequency:	+ -5%(use the IV set calibrated)
Voltage:	Class 1
Display:	IPX1
Display size:	Rechargeable Li-polymer battery
Infusion Rate:	7.4v/3500mAh 1ml/h 1~3grades
Total volume:	143.6x151.8x193mm 1
Accuracy:	
Safety Classification:	
Waterproof Degree:	
Battery Type:	
Battery Capacity:	
Sensitivity for pressure sensor:	
Dimension:	

IP-IP01



INFUSION PUMP

- 4.3 inch color touch screen for easy operation and clear vision.
- Computer and lightweight design for easy operation and clear vision.
- User friendly interface with audible and vision alarm system.
- built-in lithium battery, around 5 hours working time after fully charged.
- Multiple infusion modes to satisfy different infusion requirements.
- Advanced pressure detection technology.



HAWKMED

HAWKMED INFUSION PUMP

FEATURE & FUNCTIONS:

Compact design

The compact and light weight design saves space and is beneficial during patient transfer

Added safety

User-friendly operation

Soft key design, easy to operate

Load directly the last infusion rate and volume limit Adjustable buzzer volume (levels)

Top indicator light reflects the operation status as well as alarm case

Night mode(key tone off screen dimmed, top indicator light off) to ensure good rest of patient
removable pump body for easy cleaning

Panel Lock

The panel lock feature helps prevent unauthorized changes of any instrument setting

Versatile functions

2000 history records

Real time display

RS232 interface (optional)

90° rotation pole clamp convenient for horizontal bar, vertical IV pole & platform use

FREE FLOW

The built-in flow stop feature helps reduce the risk of accidental free flow prevent free flow when pump door is open.

Anti-bolus function

Diminishes the volume of unwanted Bolus injected to the patient after removal of the occlusion cause.

Anti-reverse rotation detection

AKAS 5005 INFUSION PUMP

Specification

Product Type: Volumetric infusion pump

Power Supply: AC 100V to 280V 50Hz Battery

Backup: 5-6 hrs @ 8 drop/min (Auto Power Saving Mode) Power Consumption: 10VA (W)

Pumping mechanism: Linear Peristaltic Drop

Sensors: External Display: LCD and 7 Segment LED Display Safety Features: Excess, Less

Alarm, air in Line Protection, sensor

malfunction Protection Drop rate range: 1 to 150 drop/min for adult*1 to 100 drop/min for micro Volume rate range: 0.1 to 1200 mL/hr for adult* 1 to 300mL/hr for micro Drop

resolution: 1drop/min Flow rate resolution: 0.1 to 99.9 mL/hr in steps of 0.1 mL/hr 100 mL/hr and above in steps of 1 mL/hr Bolus Function:

Auto Bolus, Purge Bolus Bolus Flow rate: 0.1 to 1200 mL/Hr - Adult 0.1 to 300 mL/Hr - micro

Stand by: pause infusion facility from 1 min to 24 hours adjustable Infusion Volume: 0.1 to 9999.9 ml Target Volume: 0.1 to 10000 ml



Bolus Volume: 0.1 to 50ml, 0.1 to steps of 0.1ml/hr

Elapsed time: 00:01 to 99:59 Hr

Keep Vein Open (KVO): 0 to 9.9 mL/hr steps of 0.1mL/hr

Battery charging period: 10 hrs automatic

Battery type: Ni-MH 14.4 V(800 mAh)

Rechargeable

Dimension: 148mm x 100mm x 190mm (L x W x H)

Wight: 2.0 kg

Accuracy: +5%, +3% for all calibrated IV sets

Connectivity (Optional): Wi-Fi

E8

YONKER PATIENT MONITOR

E8 Vital sign Monitor adopts Oscillometry for NIBP measuring, Photoelectric Oxyhemoglobin Inspection Technology combining Capacity Pulse Scanning & Recording Technology for SpO2 measuring, Systolic Pressure(SYS), Diastolic Pressure(DIA), Mean Pressure(MAP), SpO2 and Pulse rate(PR) can be accurately measured, Compact appearance, comprehensive functions, simple and convenient operation, Which is applicable for hospital, community medical treatment and family.



FEATURE

- Display with 2.4" (320X240) color TFT LCD and highlight Red Color LED.
- Be applicable for adult, pediatric for all-round monitoring, easy operation and high cost performance.
- High capacity lithium rechargeable batteries, operation time up to 2 hours.
- Spot check and continuous working mode to satisfy different clinical seenario.
- 1.5m anti- drop proof makes is suitable for emergency.
- High capacity internal storage for up to 600 groups of data.
- Visual and audible alarm for Systolic Pressure(SYS), Diastolic Pressure(DIA), Mean Pressure(MPA), SpO2 and pulse rate(PR), and upper and lower limit of alarm can be set.
- Convenient and quick in inquiring measurement data, review for NIBP trend graph within 24-houor and SpO2 and pulse rate(PR) trend graph within 20-hour.

CONTEC PATIENT MONITOR

CPM23

INTRODUCTION

- Dimension: 190 mm(L)X 162mm(W) X 240 mm(H)
- Weight: about 1.6 kg

CMS5100 Patient Monitor is a feature-rich monitoring device that can be applied to adults, pediatric and neonate. User can chose different measurement parameters according to different needs. The patient monitor can NIBP, SpO2, PR and TEMP, It integrates the function of parameter measuring and displaying into a compact, lightweight patient monitor, which is suitable for all level of hospitals, community medical and home use.



FEATURE

- Be applicable for NIBP, SpO2 and TEMP monitoring of adult, pediatric and neonate of all ages, easy to operating, high cost-effective;
- Be applicable for medicine, surgery, operating room, ICU/CCU, emergency room, obstetrics and gynecology, pediatrics;
- Compact and flexible appearance, easy for carrying and suitable for indoor and outdoor (in ambulance) monitoring;
- Built-in rechargeable lithium polymer battery, ensures uninter-rupted monitoring;
- Perfect menu design, user-friendly interface;
- Display the measurement result of SYS, DIA, TEMP, SpO2 PR and bar graph by the display screen of high-brightness digital tube;
- 2.8"(320X240) true color TFT LCD screen, displays the information of time , SpO2 Plethysmogram, alarm condition, trend graph, list and system settings, etc,;
- Visual and audible alarm for SYS, DIA, SpO2, PR and TEMP, and upper and lower limit of alarm can be set as necessary;
- Independent nonvolatile memory, storage for up to 2,000 groups of NIBP data, 7900 groups of TEMP data and 78,000 groups of SpO2 data;

PATIENT MONITOR

PM23

INTRODUCTION

**Dimension: 190 mm(L)X 162mm(W)
X 240 mm(H) Weight: about 1.6 kg**

CMS5100 Patient Monitor is a feature-rich monitoring device that can be applied to adults, pediatric and neonate. User can chose different measurement parameters according to different needs. The patient monitor can NIBP, SpO2, PR and TEMP, It integrates the function of parameter measuring and displaying into a compact, lightweight patient monitor, which is suitable for all level of hospitals, community medical and home use.



FEATURE

- Be applicable for NIBP, SpO2 and TEMP monitoring of adult, pediatric and neonate of all ages, easy to operating, high cost-effective;
- Be applicable for medicine, surgery, operating room, ICU/CCU, emergency room, obstetrics and gynecology, pediatrics;
- Compact and flexible appearance, easy for carrying and suitable for indoor and outdoor (in ambulance) monitoring;
- Built-in rechargeable lithium polymer battery, ensures uninterrupted monitoring;
- Perfect menu design, user-friendly interface;
- Display the measurement result of SYS, DIA, TEMP, SpO2 PR and bar graph by the display screen of high-brightness digital tube;
- 2.8"(320X240) true color TFT LCD screen, displays the information of time , SpO2 Plethysmogram, alarm condition, trend graph, list and system settings, etc,;
- Visual and audible alarm for SYS, DIA, SpO2, PR and TEMP, and upper and lower limit of alarm can be set as necessary;
- Independent nonvolatile memory, storage for up to 2,000 groups of NIBP data, 7900 groups of TEMP data and 78,000 groups of SpO2 data;



NV SURGICALS
MFG. OF HOSPITAL FURNITURE & EQUIPMENTS

C399 CONTEC

MULTIPARA PATIENT MONITOR

The monitor has abundant monitoring function and is used monitoring of adult, pediatric and neonate. User may select different parameter according to different requirements. It displays real-time data and waveform by 8" TFT color LCD, and up to 8-channel waveform and alimonitoring parameters can be displayed simultaneously. 48mm thermal printer is optional.

ECG

5 lead or 12 lead selectable

Input: 5 lead; RA, LT, RL, LL, V or R, L, N, F, c

Lead Selection: I, II, III, aVR, aVL, aVf, Vx, CAL

Gain Selection: x25, x0.5 x1, x2, auto

Sweep Speed: 12.5mm/s, 25mm/s, 50mm/s

Accuracy: +1bpm or +1% whichever is grater

Protection: Withstand 4000V AC/50Hz voltage in isolation against electrosurgical and defibrillation

Celibration signal: 1mV+5% Operation modes, Diagnostic, Monitor, Surgery

Heart rate range: Adult; 15-3000bpm;

Pediatric/Neonatal: 15-350bpm

Measurement range:- 2.0mV to 2.0mV ST **Detection:** YES, Arrhythmia analysis

YES Alarm: YES, audible and visual alarm, alarm events recallable.

NIBP

Method: Oscillometry

Mode: Manual/Auto/STAT

Measurement Range: Adult 10-270mmHg

Measurement Type: Systolic, Diastolic, Mean

Resolution: 1mmHg

NIBP Accuracy: Mean +5mmHg, SD +mmHg

Alarm: SYS/DIA/MEAN



RESPIRATION

Method: RA-LL impedance

Measurement range: Adult; 0-120rpm, Paediatric/Neonatal 0-150rpm Apnea Alarm; YES

SpO2

Measurement range: 0%-100%

Accuracy: +2% (70%-100%); 0%-69% unspecified.

Alarm range: 0-100%

PULSE RATE

Measurement range: 10 - 270

Resolution: 1bpm

Accuracy: +2pm or +2%

TEMPERATURE

Esolution: 0.2 OC

Channel: Dual-channel

Measurement range: 0-50 OC

DIMENSION

319 mm(L) x 161 mm(W) x 269 mm(h)

Weight: 3.6 Kg

CMPM91

CONTEC

MULTIPARA PATIENT MONITOR

CMS-8000 patient monitor has abundant function that can be used for clinical monitoring with adult, pediatrics, neonate or veterinary. This device can monitor parameters such as ECG, RESP, NIBP, SpO2, and dual-channel TEMP, etc. 12.1" color TFT LCD displaying real-time data and waveform. Monitors parameters such as ECG, RESP, NIBP, SpO2, and dual-channel TEMP, etc.

ECG

5 lead or 12 lead selectable **Input:** 5 lead; RA, LT, RL, LL, V or R, L, N, F, c **Lead Selection:** I, II, III, aVR, aVL, aVF, Vx, CAL **Gain Selection:** x25, x0.5 x1, x2, auto **Sweep Speed:** 12.5mm/s, 25mm/s, 50mm/s **Accuracy:** +1bpm or +1% whichever is greater **Protection:** Withstand 4000V AC/50Hz voltage in isolation against electrosurgical and defibrillation **Calibration signal:** 1mV+5% Operation modes, Diagnostic, Monitor, Surgery **Heart rate range:** Adult; 15-300bpm; **Pediatric/Neonatal:** 15-350bpm **Measurement range:-** 2.0mV to 2.0mV ST **Detection:** YES, Arrhythmia analysis **YES Alarm:** YES, audible and visual alarm, alarm events recallable.

NIBP

Method: Oscillometry **Mode:** Manual/Auto/STAT **Measurement Range:** Adult 10-270mmHg **Measurement Type:** Systolic, Diastolic, Mean **Resolution:** 1mmHg **NIBP Accuracy:** Mean +5mmHg, SD +8mmHg **Alarm:** SYS/DIA/MEAN



Respiration

Method: RA-LL impedance

Measurement range: Adult; 0-120rpm, Paediatric/Neonatal 0-150rpm Apnea Alarm; YES

SpO2

Measurement range: 0%-100%

Accuracy: +2% (70%-100%); 0%-69% unspecified.

Alarm range: 0-100%

Pulse Rate

Measurement range: 10 - 270

Resolution: 1bpm

Accuracy: +2bpm or +2%

Temperature

Resolution: 0.2 OC

Channel: Dual-channel

Measurement range: 0-50 OC

DIMENSION

319 mm(L) x 161 mm(W) x 269 mm(h)

Weight: 3.6 Kg

CMPM92 CONTEC

MULTIPARA PATIENT MONITOR

INTRODUCTION

The monitor has abundant functions that can be used for clinical monitoring with adult, pediatric and neonate. Users may select different parameter configuration according to different requirements. The monitor, power supplied by 100 V-240 V ~ 50 HZ/60 Hz, adopts 12.1" color TFT displaying real-time data and waveform. It can synchronously display eight-channel waveform and full monitoring parameters equipped with an optional 48mm thermal recorder. The monitor can be connected to the central monitoring system via wire or wireless network to form a network monitoring system.

This device can monitor such parameters as ECG, RESP, NIBP, SpO2, and dual-channel TEMP, etc. It integrates parameter measurement module, display and recorder in one device to form a compact and portable equipment. Its replaceable internal battery brings lot of convenient for patient moving.

FUNCTIONS

Standard parameters: ECG, RESP, SpO2, PR, NIBP, dual-channel TEMP

1.ECG Heart rate(HR)

ECG waveform

Arrhythmia and ST-segment analysis

1.RESP Respiration rate(RR)

Respiration waveform

1.SpO2 Oxygen saturation(SpO2)

Plethysmogram(PLETH) waveform

Pulse rate(PR)

Bar graph

1.NIBP Systolic pressure(SYS), Diastolic pressure(DIA), Mean pressure(MEAN)

2.TEMP T1, T2, TD

3.IBP(optional) CH1 SYS DIA MAP
CH2 SYS DIA MAP

IBP waveform

1.CO2(optional) EtCO2

InsCO2:Inspired Minimum CO2

AwRR:Air Way Respiration

It has abundant functions, such as audible and visual alarm, trend data storage and output, NIBP measurement, alarm event marking and drug concentration calculation, etc.



CMPM93

CONTEC

MULTIPARA PATIENT

MONITOR

CMS-9000 patient monitor has abundant functions that can be used for clinical monitoring with adult pediatrics, neonate or veterinary. This device can monitor parameters such as ECG,RESP,NIBP,SpO2, and dual-channel TEMP, etc. 12.1" color TFT LCD displaying real-time date and wavefirm. Monitors parameters such as ECG,RESP,NIBP,SpO2, and dual-channel TEMP, etc.

ECG

5 lead or 12 lead selectable

Input: 5 lead; RA, LT, RL, LL, V or R, L, N, F, c

Lead Selection: I, II, III, aVR, aVL, aVf, Vx, CAL

Gain Selection: x25, x0.5 x1, x2,auto

Sweep Speed: 12.5mm/s,25mm/s,50mm/s

Accuracy: +1bpm or +1% whichever is grater

Protection: Withstand 4000V AC/50Hz voltage in isolation against electrosurgical and defibrillation

Celibration signal: 1mV+5% Operation modes, Diagnostic, Monitor, Surgery

Heart rate range: Adult; 15-3000bpm;

Pediatric/Neonatal: 15-350bpm

Measurement range:- 2.0mV to 2.0mV ST **Detection:** YES, Arrhythmia analysis

YES Alarm: YES, audible and visual alarm, alarm events recallable.

NIBP

Method: Oscillometry

Mode: Manual/Auto/STAT

Measurement Range: Adult 10-270mmHg

Measurement Type: Systolic, Diastolic, Mean

Resolution: 1mmHg

NIBP Accuracy: Mean +5mmHg, SD +8mmHg

Alarm: SYS/DIA/MEAN

DIMENSION

319 mm(L) x 161 mm(W) x 269 mm(h)

Weight: 3.6 Kg



Respiration

Method: RA-LL impedance

Measurement range: Adult; 0-120rpm, Paediatric/Neonatal 0-150rpm Apnea Alarm; YES

SpO2

Measurement range: 0%-100%

Accuracy: +2% (70%-100%); 0%-69% unspecified. **Alarm range:** 0-100%

Pulse Rate

Measurement range: 10 - 270

Resolution: 1bpm **Accuracy:** +2pm or +2%

Temperature

Esolution: 0.2 OC **Channel:** Dual-channel **Measurement range:** 0-50 OC

YM98 YONKER

MULTIPARA PATIENT MONITOR

The YK-8000C YONKER Patient Monitor is a robust, multi-paramonitor patient monitor, This small device, when is standard configuration, is able to analyse six parameters of ECG,NIBP,RESP, 2-TEMP, PR/HR and SpO2. it can offer real time S-T segment analysis and has a pace-maker detectin mode. It will indicate malfunction analysisand incorrect manipulation. The device can capture dynamic waveforms and multi- lead ECG waveform display. It has a patient info input management function.

Features

Six standard parameters of ECG, NIBP, TEMP, PR?HR and SpO2. 12.1" high resolution color TFT LCD display offer real time S-t segment analysis and has a pace-maker detection mode. Indicate malfunction analysis and incorrect manipulation. Dynamic waveform and multi-lead ECG waveform display. Patient info management function.

Battery

11.1V 24wh Li-ino bettery (2h operating after full charge; 5min operating after low battery alarm)
Approx. 4.00 (Kg)



Power Requirements

AC: 100~240v,50Hz/60Hz.

DC: Built-in rechargeable battery

Dimension

319 mm(L) x 161 mm(W) x 269 mm(H)

Weight: 3.6 Kg

Application Range

Adult/Pediatric/Neonatal/Medicine/Surgery /Operating room/ intensive care.

YMPM99

YONKER

MULTIPARA

PATIENT MONITOR

Short discription

- Model: YK-8000B
- Display: 12.1 inch TFT sreen
- Parameter: Spo2, Pr, Nibp, ECG, Resp, Temp
- Optional: Etco2, Nellcor Spo2, 2-IBP, Recorder, Touch Screen, Trolley, Wall Mount
- Power requirements: AC: 100 ~ 240V, 50Hz/60Hz
- DC: Built-in rechargeable 11.1V 24wh Li-ion battery
- Original: Jiangsu, China1

Quality Standards and Classificatipon

Anti-electroshock degree: class equipment (internal power supply)

TEMP/SpO2 /NIBP: BF

ECG/Resp: CF

Trend data length

School limit list : 400 groups

Waveform playback : 6000 seconds

Trend table : 7 days

Trend graph : up to 7 days

Alarm review : 60 groups



Electrical Specifications

Power supply voltage : AC 100-240V AC

Power frequency : 50/60Hz

Maximum input power : 70VA

Working method : continuous work

Built-in lithium battery : d.c11.1V not less than 2000mA, working time not less than 2 hours

Standard accessories

1.NIBP cuff & tube

2.ECG cable & electrodes

3.SpO 2 sensor

4.TEMP probe

5.Lithium-ion battery

6.Power cable

7,Operator's manual

MP22

MULTIPARA PATIENT MONITOR

Multi-paramonitor patient monitor is a robust patient monitor, small enough to move around, yet flexible enough to adapt to your particular needs. With a variety of optional extras, including arrhythmia and ST analysis, EtCO₂ measurements and double IBP, multi-parameter patient monitor is configurable to suit your requirements. Purchase only the advanced features that you need and nothing more. With NIBP recall and extension data storage capability, multi-parameter patient monitor is particularly well-suited for use in peri-anesthesia and critical care environments, Rich in function, conveniently adaptable and pleasingly affordable, multi-parameter patient monitor may be just the monitor for your department



Features

- **12.1inch. high resolution color TFT LCD.**
- **Thinner and lighter design, convenient and portable for user, pace-maker detection.**
- **Freeze instant waveform for real time S-T segment analysis.**
- **Real time S-T segment analysis, pace-maker detection.**
- **3-level audio/visual alarming.**
- **Efficient resistance to interference of defibrillator and HK Knife.**
- **Lasting working capacity with built-in rechargeable lithium battery.**
- **400 groups of NIBP list, 6000 seconds ECG waveform recall. 60 alarm event record recall,**
- **7-day trend chart is storage.**
- **Wire/wireless central monitoring system applicable to ICU/CCU/OR**

MP23 MULTIPARA PATIENT MONITOR



Multi-paramonitor patient monitor is a robust patient monitor, small enough to move around, yet flexible enough to adapt to your particular needs. With a variety of optional extras, including arrhythmia and ST analysis, EtCO₂ measurements and double IBP, multi-parameter patient monitor is configurable to suit your requirements. Purchase only the advanced features that you need and nothing more. With NIBP recall and extension data storage capability, multi-parameter patient monitor is particularly well-suited for use in peri-anesthesia and critical care environments, Rich in function, conveniently adaptable and pleasingly affordable, multi-parameter patient monitor may be just the monitor for your department

Features

- 12.1inch. high resolution color TFT LCD
- Thinner and lighter design, convenient and portable for user, pace-maker detection.
- Freeze instant waveform for real time S-T segment analysis.
- Real time S-T segment analysis, pace-maker detection.
- 3-level audio/visual alarming.
- Efficient resistance to interference of defibrillator and HK Knife.
- Lasting working capacity with built-in rechargeable lithium battery.
- 400 groups of NIBP list, 6000 seconds ECG waveform recall. 60 alarm event record recall,
- 7-day trend chart is storage.
- Wire/wireless central monitoring system applicable to ICU/CCU/OR

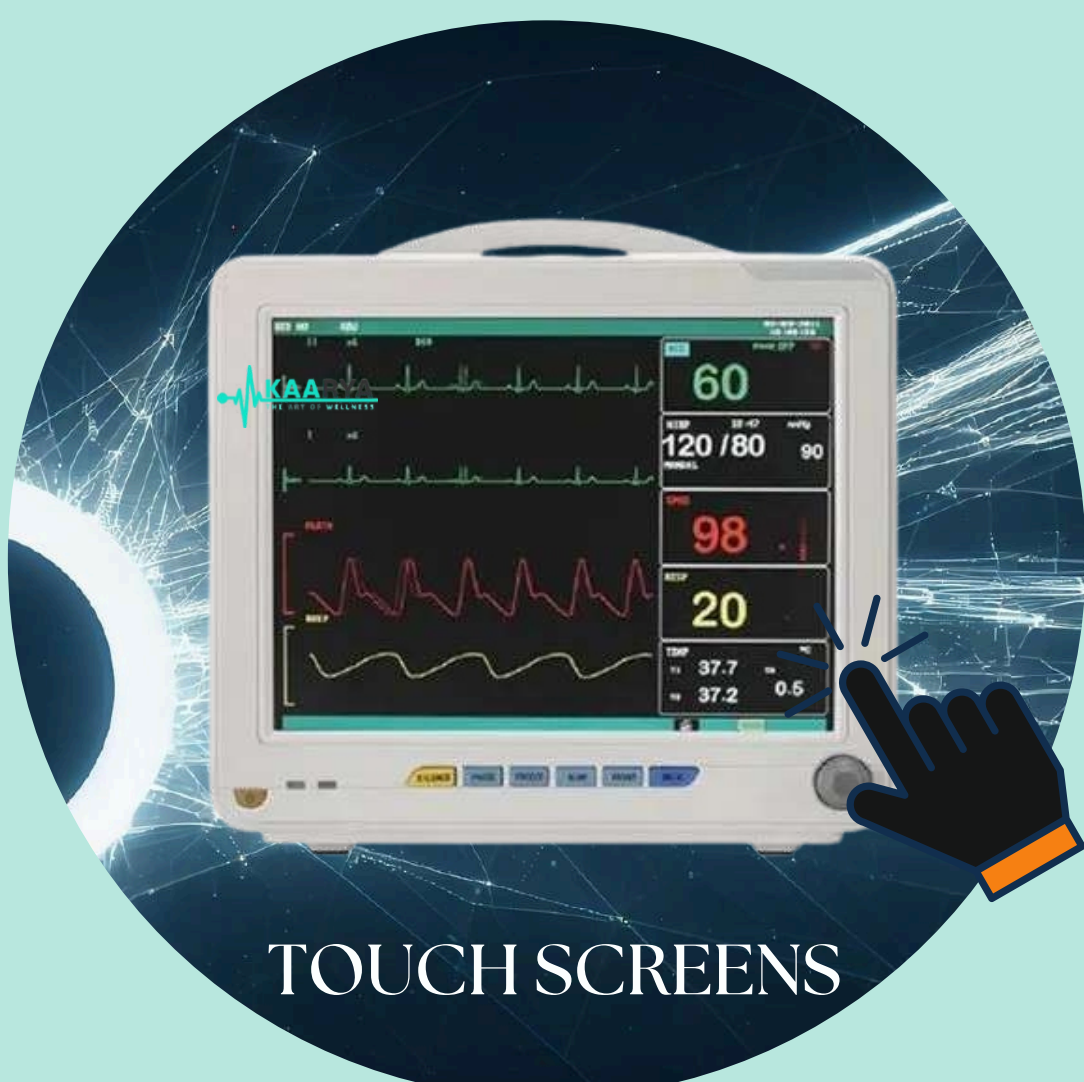
MP24 MULTIPARA PATIENT MONITOR

Multi-paramonitor patient monitor is a robust patient monitor, small enough to move around, yet flexible enough to adapt to your particular needs. With a variety of optional ectras, including arrhythmia and ST analysis, EtCO2 measurements and double IBP, multi-parameter patient monitor is configurable to suit your requirements. Purchase only the advanced features that you need and nothing more. With NIBP recall and extension data storage capability, multi-parameter patient monitor is particularly well-suited for use in peri-anesthesia and critical care environments, Rich in function, conveniently adaptable and pleasingly affordable, multi-parameter patient monitor may be just the monitor for your department



Features

- 12.1inch. high resolution color TFT LCD + touch Screen.
- Thinner and lighter design, convenient and portable for user, pace-maker detection.
- Freeze instant waveform for real time S-T segment analysis.
- Real time S-T segment analysis, pace-maker detection.
- 3-level audio/visual alarming.
- Efficient resistance to interference of defibrillator and HK Knife.
- Lasting working capacity with built-in rechargeable lithium battery.
- 400 groups of NIBP list, 6000 seconds ECG waveform recall. 60 alarm event record recall,
- 7-day trend chart is storage.
- Wire/wireless central monitoring system applicable to ICU/CCU/OR



MP25 MULTIPARA PATIENT MONITOR

Multi-paramonitor patient monitor is a robust patient monitor, small enough to move around, yet flexible enough to adapt to your particular needs. With a variety of optional ectras, including arrhythmia and ST analysis, EtCO2 measurements and double IBP, multi-parameter patient monitor is configurable to suit your requirements. Purchase only the advanced features that you need and nothing more. With NIBP recall and extension data storage capability, multi-parameter patient monitor is particularly well-suited for use in peri-anesthesia and critical care environments, Rich in function, conveniently adaptable and pleasingly affordable, multi-parameter patient monitor may be just the monitor for your department



SPECIFICATIONS AND FEATURE

- **12.1" color TFT display, high resolution: 800x600dpi.**
- **6 Standard Parameters: ECG, SpO2, NIBP, RESP, TEMP, HR/PR**
- **Real time ST segment analysis and ARR analysis.**
- **SpO2 pitch Tone Variation and Drug Dose Calculation.**
- **Parameter waveform and characters color choice.**
- **Standby mode for Energy saving and suspend monitoring.**
- **7-lead ECG waveform display in phase.**
- **Capturing dynamic waveform.**
- **Built- in rechargeable lithium battery, and battery volume checking.**

AED499

Automated External Defibrillator

Sudden cardiac arrest is the leading cause of death in the United States and other countries. It can happen to anyone at any time. According to the American Heart Association (AHA) CPR statistics, there are approximately 300,000 victims of out-of-hospital cardiac arrest each year in the U.S. alone, and less than 8% of people who experience cardiac arrest outside the hospital survive.

Defibrillator Specification

Mode	Adult, pediatric
LCD Scree size (Model with LCD)	3.5inch
LCD Resolution (Model with LCD)	320(RGB) *240
Waveform	Biphasic truncated exponential
Energy	200-joulex max
Voice prompt	Multiple languages to select
Visual Indicator	Color LCD and LED indicators
charge time (new, at 25 c)	Less than 7sec. to 150J less than 3 sec. to 75J Less than 10 sec. to 200J Less than 3 sec, to 50J 9 sec.
Analysis time	
Controls	One Button Operation

Environment Specification

Operating Temperatore	0 C to 50 C
Operating Humidity	Relative.humidity between 15% and 95%
Atmospheric pressure	500hPa ~ 1060 hPa-20 C to 55 C
Storage and Transport Temperature	IP-55 (Battery installed)
Partical and water Temperature	IEC60601-1-12
Particle and Water Ingress	(1 meter, onto any edge, corner, or surface
Drop and Shock Abuse Tolerance	while in standby mode--

Accessories

battery type:	Non- rechargeable, LimnO2 12V, 3,.2AH
AED pads:	Disposable adult pads and disposable pediatric pads



M&B 7000

Automated External Defibrillator

output: Biphasic Truncated exponential

Energy Sequence: 150, 150, 500J

Charge time: 8 sec. to 150J, 10 sec. to
200J (New Battery)

Analysis Time: 9 sec.

Audible Prompts: 20 audible
prompts.

Visual Prompts: LED prompts

Controls: Two buttons- On/Off, shock

Output Energy Accuracy: +15% into any impedance from 25 to 175 Ω

Output disabled when the patient impedance to outside limits: 20 Ω to 200 Ω

Battery

Part No: CR123A-4x2

Non-rechargeable: 12V d.c. 3.0Ah

Capacity: 100 discharges at 200 joules or 120 discharges at 150
joules.

Shelf life (25°C+15°C): 10 years (5years storage + 5 years
standby) 5 years standby (after installation)

Physical

Dimensions: 303 x 216 x 89mm.

Weight: 2.0 kg.

Operating Temperature: 0°C to 40°C

Operating humidity: Relative humidity between 30% and 95% (non-condensing).

Storage temperature (without battery): -20°C to 55°C

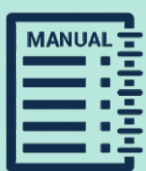
Storage Humidity (without battery): Up to 93% (non-condensing)



BEYOND



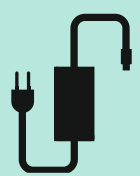
1. Small size, color LCD display.
2. Portable and easy to operate.
3. Can be equipped with trolleys.
4. Can be equipped with independent humidifier.
5. Can be equipped with SpO2 module.
6. Real-time display and monitoring of clinical use data of patients.
7. Connect to low-flow oxygen, for air-oxygen mixing;
8. With VFA (Vital assurance function);
9. Max, IPAP: 30cmH2O;
10. Ventilation m



User Manual



Full Face Mask



Power Supply



Air Tubing



Humidifier



Travel Bag

Feature

- 3.5" color LCD display
- Can be equipped with SPO2 module
- Real-time display and monitoring of clinical use data of patients;
- Connect to Low-flow oxygen, for air-oxygen mixing;
- With VAF (Vital assurance function)
- IPAP(cmH2O) 4-30cmH2O EPAP(cmH2O) 4-25cmH2O
- Ventilation mode: CPAP, S, ST, T, APCV.
- Weight 2.2Kg
- Noise Level <30dBA
- Isens Auto,1-6 level Esens Auto,1-6 level
- Islop 1-6 level
- InspTime 0.5-4s Max-InspTime 0.5-4s Min-InspTime 0.5-4s
- BPM 3-40bpm
- Humidifier 0-5 level
- Target VT 50-2000ml
- Ramp 0-60 min
- Data storage TF card

BMC

FEATURES

Eso smart heating system with innovation dual water chambers design, accurate water quantity control, with real time compensation, which ensures excellent humidifying capacity and improves comfort.

Reslex exhalation pressure release feature makes you exhale easier and more natural.

Auto on/off feature.

15 mm tubing supported.

Affable appearance & easy operation.

3.5-inch colour screen with real-time parameters display and user friendly interface for Y-25T and Y-30T.

3-button control panel, simple and easy to use.

Weight : 2.5Kg

Sound level : 3db



DISCRIPTION

THE Kaarya GII Y/U series of Bipap systems are Bi-level (Bi-level positive Airway pressure)

Devise intended to provide non-invasive ventilation for patients with obstructive sleep Apnea (OSA) and Respiratory insufficiency. They are intended for adult patients by prescription in the home or hospital/institutional environment. With its Target Tidal volume function (only Y25T and Y30T) and other excellent comfort features and effective performance, it offers each patient personalized ventilation support..

General Requirement for Safety of Medical Electrical Equipment : ISO 17510 Sleep Apnoea Breathing Therapy.

Ac power consumption : 100-240VAC, 50/60HZ.

Type of Protection against Electric Shock : Type BF Applied Part, Pressure Range : 2 to 20hPa (in 0.5hPa increments).

Pressure Stability : 2 to 20hPa (+/-0.5hPa).

Sound Pressure Level : <30db.

Maximum Flow : <15 LPM. With Heated Humidifier. Warranty : 2 years.



SURGICALS
MFG. OF HOSPITAL FURNITURE & EQUIPMENTS

BMC

G2S V30VT

BIPAP DETAILS



The G2S B25VT / B30VT are Bi-level Positive Airway Pressure devices with S/T mode intended to provide non-invasive ventilation for Obstructive Sleep Apnea and Respiratory Insufficiency patients.

It has complete practical functions: delay time, air leakage compensation, Reslex, automatic switch on and off, etc. Advanced air leakage compensation promises adequate volume support. Ti Control, 8-grade I/E Sense, and Ramp Time guarantee better ventilation synchronization.

Pressure support automatically adjusts according to the target tidal volume to reduce hypoventilation.

Multiple accesses to using report (APP, device, PC, and respiratory health management platform).

It has a 3.5-inch color LCD screen to display important parameter information in real time. With Eco smart heating technology, the humidifier can realize district heating, reduce energy consumption and maximize the humidification effect.

With a perfect after-sales team, you can use it without worry.

FEATURE

- A newly designed integrated humidifier
- Targeted tidal Volume
- Professional data management
- Upgraded heating technology
- Real-time display of parameter information
- Perfect after-sales guarantee

SPECIFICATION

Brand: BMC

Model: G2S B30VT

Type: BiPAP

Pressure Range (cm H₂O): 25cm H₂O

Operating Mode: S/T

Ramp Rate: 60 min

Warranty: 1 Year

Portable: Yes

Application/Usage: Hospital

Mask On/Off Alert: Yes

RESMED

BIPAP

FEATURES

- **Smart start:** Once the BIPAP machine senses breathing, therapy will automatically start.
- **Humidity Level:** Choose between one (lowest) and eight (highest), or shut the humidity setting off completely.
- **Run Warmup:** Preheat the humidifier water before starting therapy with the Run Warmup setting.
- **Mask Fit:** Ensure proper mask fit with a seal integrity check. You will see a green smiling face for a good fit or a frowning face for a poor fit.
- **Leak Alert:** Continuous beeping will alert you if a large leak or mask removal is detected.



SPECIFICATION

- Sound Level: 26.6 dBA
- Machine Dimensions: 10.4 in L x 4.57 in W x 5.91 in H
- Machine Weight: 2.75
- Machine Warranty: 1 Year
- Default Machine Setting: 4-25 cm H₂O
- Max Altitude: 8500
- Battery Option: Yes
- Auto Start: Yes
- Auto Stop: Yes
- Humidification Available: Yes
- Humidification Type: Built-in
- Ramp Mode: Yes
- Disposable Filter: Once Every Month
- SimLine Tubing: Once Every Six to Twelve Months
- Humidifier Chamber: Once Every Six to Twelve Months



User Manual



Full Face Mask



Power Supply



Air Tubing



Humidifier



Travel Bag



BYOND

CPAP FEATURE

HD LARGE DISPLAY

- 3.5"color TFT+Modularized UI design;
- Information display clearly, easy to operation

INTELLIGENT PRESSURE TRITRATION

- Applied inteligent controlled blower which speeding up and slowing down in time, it provides the patient with a comfortable and stable pressure.;
- Data monitoring 24 hours real-time display to ensure the treatment effect

SEPARABLE DESIGN

- Host and humidifier are separable, easy to carry; Humidifier detachable, easy to clean, more sanitary.



User Manual



Full Face Mask



Power Supply



Air Tubing



Humidifier



Travel Bag

CONSTANT HUMIDIFIER

- Ensure a comfortable humidity to improve comfort

RAMP

- Ramp time ajustable from 1 to 60 minutes to improve compliance of therapy

QUIET DESIGN

- German technology, high quality blower, double fan blades, silenced air channel with sound less than 30 db, quiet enough to let you forget its existence.

BMC

CPAP

SPECIFICATION

Dimension: 275 mm x 184 mm x 115 mm

Weight: 1.9kg

Capacity: mL To maximum fill line 360

Humidifier Settings:

off, 1 to 5 (95° F to

154.4F° / 35C to 68C)

Humidifier Output: No less than 10 mg

H₂O/l Work mode:

auto CPAP, CPAP

SD Card: The SD card can record patient data and fault information.

AC power consumption: 100 - 240V AC, 50/60 Hz, 2.0 A Sound

Pressure level: < 28 db, when the device is working at the pressure of 10 hPa

Pressure: 4 to 20hPa

FEATURES

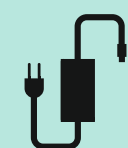
- Designed with integrated humidifier, RESmart G2S is smaller, lighter and more affable.
- 2.4-inch color screen with user friendly interface. 3-button control panel, simple and
- easy to use. The water chamber with drawing structure and opening cover, is more
- convenient to fill water and clean. 2 Years warranty



User
Manual



Full
Face
Mask



Power
Supply



Air
Tubing



Humidifier



Travel
Bag

BMC

CPAP

CONFIGURATIONS

Scope of application: Suitable for the treatment of Snoring and Obstructive Sleep Apnea Hypopnea Syndrome (OSAHS).

Device Size: Dimensions 159 mm x 66 mm «

72 mm(6.26 in x 2.60 in x 2.83 in)Weight: <400g

Working Mode: CPAP, AutoCPAP

Pressure Range: -20hPa:

Pressure Accuracy: ± 0.5 hPa

Pressure Sensitivity: Standard / Soft / Female

Smart A/C: Yes

Ramp Time: 0 - 60 min / Auto

Reslex (Expiration Pressure Release): Off, Level 1 - 3

Auto On: Yes

Auto Off: Yes

Moisture Exchanger Type: None / HU (Normal) / HU-Plus (Enhanced)

Leak Prompt: Yes

Accessories Reminder: Yes

Automatic Leakage Compensation: Yes

Firmware Upgrade through App: Yes

Wireless Data Transmission: Yes

Sound Pressure Level: < 30 dB, when the device is working at the pressure of 10 hPa.

AC Power Consumption: 100 - 240 V AC, 50 / 60 Hz, 1.0 A max

Device Input: 19 V, 1.26 A

Carrying Case: Optional



FEATURES

- Stylish and compact, portable and powerful Gorgeous and streamlined body
- Weighing < 400 g
- Easy to carry, travels wherever you go!
- Waterless humidification, relax with warm, humid air as you breathe Waterless humidification mask eliminates complicated operation and condensation. Just enjoy the warm air.
- Both appearance and performance are valued for your comfort Powerful coreless motor, quiet and stable operation with a long service life
- Advanced Cortex™-M4 chip enhances the ability to calculate and response
- The unique pressure sensitivity for female users can adapt to respiration for personalized comfort
- Intelligent Smart A/C pressure adjusting algorithm, more convenient to use

CMS-100G



CONTEC SINGLE CHANNEL ECG MACHINE SPECIFICATION

- Safety Type: Class I, type CF applied part, which has defibrillation-proof applied part
- Lead Standard 10 leads
- Input way: Floating and defibrillation protection
- Patient leak current: $<10\mu\text{A}$
- Sampling rate: 1000Hz
- A/D conversion: 12bit
- Frequency response 0.05Hz~150Hz (-3dB, +0.4dB)
- Time constant: $>3.2\text{s}$ • CMRR: $>60\text{dB}$, $>100\text{dB}$ (Add filter) • Enduring polarization: voltage $\pm 500\text{mV}$
- Noise level: $<15\mu\text{Vp-p}$ Dispose Wave Data
- EMG interference filter 35Hz (-3dB)
- Recording paper: 50mm(W) $\times$ 20m(L)
- Sensitivity: 5, 10, 20mm/mV
- 2 pcs f5 $\times$ 20mm AC time lag;
T250mA/250V(Power Supply:22
- Net Weight 2.25 kg

FEATURES

- Large LCD display waveform and data
- The high-resolution thermal printing array system
- Frequency response is as high as 150 Hz
- Capable of printing continuously on channel trace and annotations including lead mark and parameter such as sensitivity, paper speed and filter operation status
- High-resolution digital filter inhibits baseline drift without affecting ECG waveform
- Floating input circuit meets IEC safety standard
- Rechargeable battery supporting more than 50 patient examinations
- Internal software: GB, FR, IT, ES, DE, TR
- Manual: GB, IT (ES on request)



CMS-300GA

CONTEC

THREE CHANNEL ECG MACHINE

SPECIFICATION

- ECG300GA is an Electrocardiograph which can collect 12-lead ECG signal simultaneously and print waveform by the thermal printing system. It features in, recording and displaying ECG waveform in AUTO/Manual mode, measuring and diagnosing ECG waveform parameters automatically, prompting for “Lead off” and “Lack of paper”, multi-language interface, case database management.

FEATURES

Sync collection for 12-lead ECG, adopt digital signal processing technology and get high-quality ECG waveform via power frequency filter, baseline filter and EMG filter of ECG signal. Display of 1/3/6/12-lead ECG, print mode, sensitivity, paper speed and filter state, etc. on one screen, convenient for contrastively diagnosing. Multiply printing modes and formats, including manual, auto 4x3, auto 3x4+1, auto 3x4, auto 2x6+1, auto 2x6, etc. Waveform length printed can be adjusted, and with timed print function, which meets different requirements. With the functions of auto-analysis and auto-diagnosis for routine ECG parameters, provide measurement results and auto-diagnosis conclusion for HR, P-R interval, P Duration, QRS Duration, Q-T interval, Q-Tc, P Axis, QRS Axis, T Axis, R(V5), S(V1), R(V5)+S(V1), etc. which reduces the doctor's burden. Build-in memory stores 15 cases, optional SD card stores up to 100 cases, which is convenient for doctor to review case and statistic. Multi-language(Chinese, English) interface and report. Optional ECG-Sync software, connect with PC by USB2.0 interface to form a ECG workstation, import real-time data to the software for analyzing and report printing, and old cases stored in Electrocardiograph can be uploaded to PC. Power supply: AC/DC and built-in rechargeable lithium battery. In optimal DC state, up to 4-hour standby time, continuous print 70-minute and 175-ECG, which meets the requirements of visiting a patient at home and body examination. Not all optional functions are available in all regions, please contact us for details.

CMS-300G

CONTEC

THREE CHANNEL ECG MACHINE



SPECIFICATION

- Safety: Type Class I, Type CF applied part, which has defibrillation-proof
- Applied part
- Lead Standard 12 leads
- Input way: Floating and defibrillation protection
- Patient leak current $<10\mu A$
- Sampling rate 1000Hz
- Frequency response 0.05Hz~150Hz (-3dB, +0.4dB)
- CMRR $>60dB$, $>100dB$ (Add filter)
- Enduring polarization voltage $\pm 300mV$
- Noise level $15\mu Vp-p$
- EMG interference filter 25/35Hz (-3dB)
- AC filter 50/60Hz ($-20dB$)
- Recording paper 80mm(W) $\times$ 20m(L)
- Sensitivity 5mm/mV 10mm/mV 20mm/mV 40mm/mV Auto
- Auto-record: 25mm/s, 50mm/s

FEATURES

- Accurate and clear ECG waveform Working
- state display Economical to save recording
- paper. Display of 3/6/12-lead ECG, print
- mode, sensitivity, paper speed and filter state, etc. on one screen, convenient for contrastively diagnosing. Multiple printing modes and formats, including manual, auto
- 4 $\times$ 3, auto 3 $\times$ 4+1, auto 3 $\times$ 4, auto 2 $\times$ 6+1, auto 2 $\times$ 6, auto 3-2+1, auto 3- 2, auto 1 $\times$ 12+1, auto 1 $\times$ 12, rhythm 4, rhythm 3 and rhythm 2, etc. Waveform length printed can be adjusted, and with time print function, which meets different requirements. Built-in memory stores up to 1000 cases, convenient for case review and statistics.

THREE CHANNEL ECG MACHINE



FREATURE

- 7 inch (ECG-903A), 8inch(ECG-903B) touch screen & keypad input ways
- 3 channel ECG machine with automatic interpretation
- 80 mm thermal recorder
- Simultaneous 12 leads acquisition and 3-channel recording
- Manual/Auto working modes
- TFT display 12 lead ECG wave & friendly menu setting.
- 100 patient information storage,
- SD card storage.
- 120 seconds ECG wave freeze and replay function.
- Lead-off detection and alert
- Digital filtering, resisting baseline drift, AC and EMG interference
- Built in rechargeable Li-ion battery, more than 3 hours continuously work
- AC power supply at 90-240V, 50/60Hz
- Built in USB/RS232 interface(ECG working station optional)

SPECIFICATIONS

Lead: standard 12 leads
 Lead acquisition: 16bit/24bit 1000Hz (synchronously 12 leads)
 Printer: 80mm thermal printer,
 Print speed: 5,10,12.5,25mm/s (+3%)
 Work modes: MANUAL, AUTO modes
 Filter: AC Filter :50Hz / 60Hz;
 EMG Filter :35Hz / 45Hz;
 Anti-Drift Filter : 0.15Hz (Adaptive)
 CMMR: >100dB (with AC filter)
 Input circuit: floating; protection circuit against defibrillator effect
 Input Impedance: >50M
 Input circuit current: <0.05uA
 Input dynamic range: +5mVpp
 Patient current leakage: <10uA
 Calibrating voltage: 1mV+2%
 Voltage tolerance: +600mV
 Time constant: >3.2s
 Frequency response: 0.05~150Hz(-3db)
 Noise level: <15uVp-p
 Sensitivity valve: <20uV
 Sensitivity: 2.5,5,10,20mm/mV



THREE CHANNEL ECG MACHINE

SPECIFICATION

- 7 inch high resolution color touch screen.
- 12-Lead simultaneous acquisition and display.
- ECG Automatic measurement and interpretation function.
- Complete digital filters, resisting baseline drift, AC and EMG interference.
- Compact and lightweight design
- Support USB flash disk and micro SD card to extend memory.
- Software upgrade via USB/SD card
- Built-in rechargeable Li-ion battery.

POWER SUPPLY

AC:100~240V, 50/60Hz, 30VA-100VA

DC:14.8V/2200mAh, built-in lithium battery

FILTER

EMG Filter: 25 Hz / 30 Hz / 40Hz Low Pass

Filter: 75 Hz / 100 Hz / 150Hz

DFT Filter: 0.05 Hz / 0.15 Hz / 0.25 Hz / 0.32 Hz / 0.5 Hz / 0.67Hz / ADS

AC Filter: 50 Hz / 60Hz

CMRR: 100dB;

RECORDING MODES

Automatic: 3CH×4+1R, 3CH×4,

Manual: 3CH, 2CH, 1CH

Rhythm: Any lead selectable

Recording System: Thermal matrix printing;

Recording Paper: Roll 80mm×20M;

Paper Speed: 6.25 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s;

Interface: Network interface, USB

Master/Slave, SD card;

Safety Standard: IEC I/CF;

Normal: 1000sps/channel



Touch Screen



CMS-600G

CONTEC

SIX CHANNEL ECG MACHINE

ECG-600G is an Electrocardiograph which can collect 12-lead ECG single and print waveform by the thermal printing system. It features in, recording and displaying ECG waveform in AUTO/Manual mode, measuring and diagnosing ECG waveform parameters automatically, prompting for "Lead off", multi-language interface, case database management.

Performance

input mode: floating and defibrillation protection.

Frequency response: 0.05 Hz~ 150 Hz(-3dB~+0.4dB)

CMRR: >60dB, >100dB(add filter)

Time constant: > 3.2s

Patient leak current: <10uA

Calibration voltage: 1mV

Sensitivity: 2.5, 5, 10, 20, 40mm/mV+5%.

standard sensitivity: 10mm/mV+2%

Noise level: <15uVp-p

Input circuit current: <50nA

Input impedance: >50M

Sampling accuracy: 12-bit

Power frequency filter: AC

50Hz/60Hz(-20dB)

Auto: 5, 6.25, 10, 12.5, 25, 50, 100mm/s,+5%

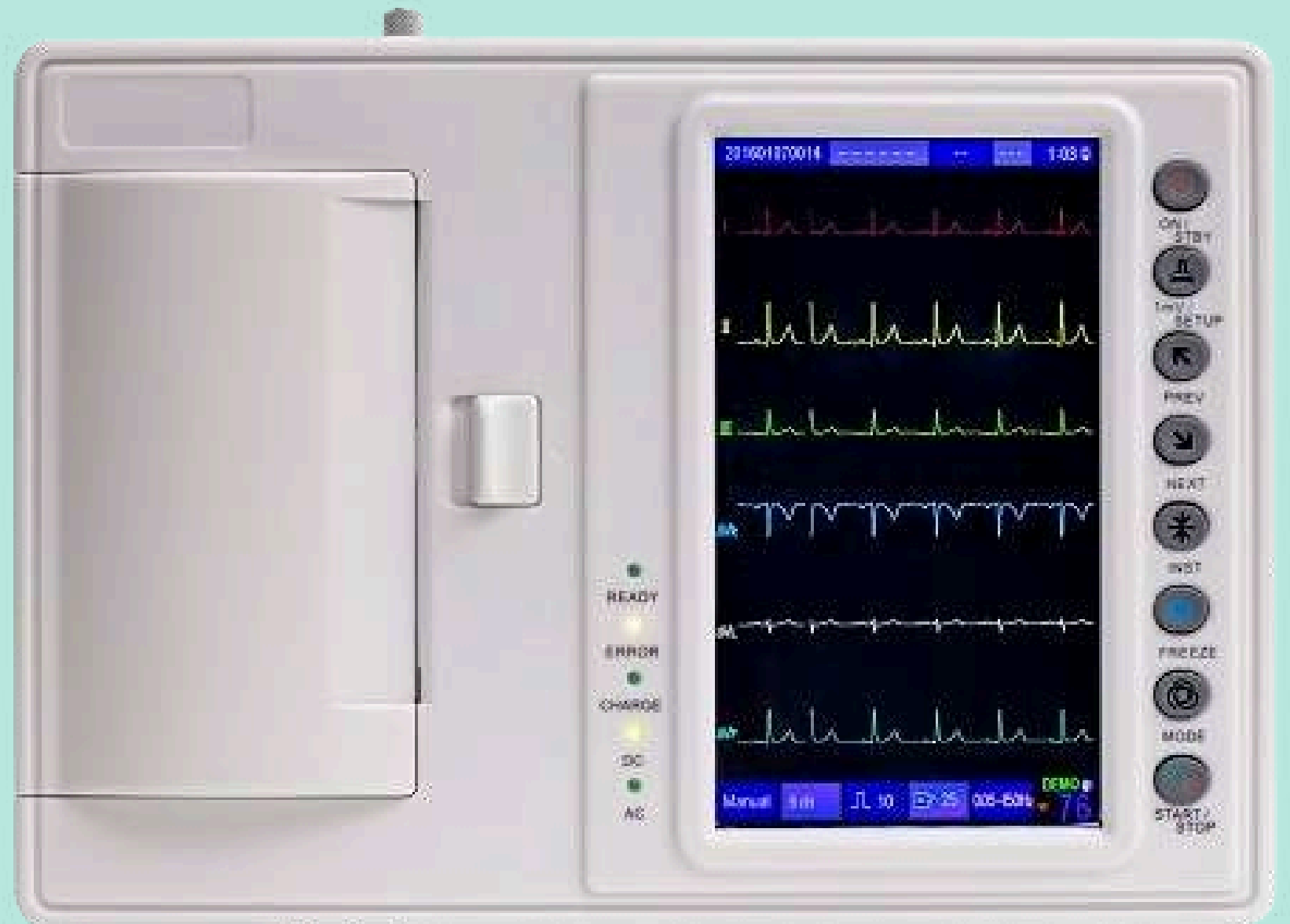
Rhythm: 5, 6.25, 10, 12.5, 25, 50, 100mm/s,+5%

Manual: 5, 6.25, 10, 12.5, 25, 50, 100mm/s,5%

Dimension

315mm(L) x 215mm(W) x 92mm(H)

Weight: 1.7Kg



SIX CHANNEL ECG MACHINE

- TOUCH SCREEN
- COLOR & LARGE DISPLAY
- External USB card store 1000 reports
- Keyboard (Name. Age. Weight. Tall)
- AUTO INTERPRITATION
- SPEED UP TO 50mm/S
- BUILT IN RECHARGABLE BATTERY
- AC/DC POWER SUPPLY
- PC Built in USN/RS232interface
- Software upgrade automatically via USB

FILTER

- EMG Filter:
(25Hz/35Hz/45Hz/75Hz/100Hz,-3dB)
- DRIFT Filter: (0.5Hz,-3dB)
- AC: (50Hz or 60Hz, -20dB)
- Dimension: 285(W)*200(D)*55mm(H)
- Machine weight: 2.25 kg (machine only)

POWER SUPPLY

- 11.1V 1800mA Li-poly rechargeable battery pack (DC)
- 220V $\pm$ 10%, 50Hz $\pm$ 2%, 75VA (AC)

SPECIFICATION

- Lead: 12 leads, Standard or Cabrera, 12 leads simultaneously acquisition
- CMRR: >100dB(with AC filter)
- Input circuit current: 0.1A μ
- Input Impedance: $\geq \leq 50\text{Mohm}$
- Time Constant: $\geq 3.2\text{s}$;
- Frequency Response: 0.05Hz~150Hz (-3dB);
- Sensitivity: 1.25; 2.5; 5; 10; 20; 40mm/mV $\pm$ 2%
- Input Impedance $50\text{M}\Omega$;
- Input Circuit Current $0.05\mu\text{A}$;
- $15\mu\text{Vp-p}$;
- $10\mu\text{A}$ (220V-
Noise Level Patient Current Leakage
- 240V);
- Paper size: 110mm*20m roll type
- LCD display: 800*480 7 inch touchscreen
- LCD display ECG waveform, operation conditions, Time, Heart-rate, etc, support patient name, Age, Sex and Hospital name input



Touch Screen



SIX CHANNEL ECG MACHINE

FEATURE

- 7inch(ECG-906A) 8inch(ECG-906B), touch screen, keypad input ways
- 6 channels ECG machine with automatic interpretation
- 112mm thermal recorder
- Simultaneous 12 leads acquisition and 6-channels recording.
- Manual/Auto working Modes
- TFT display 12 lead ECG wave & friendly menu setting.
- 100 patient information storage.
- SD card storage.
- 120 seconds ECG wave freeze and replay function.
- Lead-off detection and alert
- Digital filtering. resisting baseline drift, AC and EMG interference
- Built in rechargeable Li-ion battery, more than 3 hours continuously work,
- AC power supply at 90-240V, 50/60Hz
- Built in USB/RS232 interface (ECG working station software optional)

SPECIFICATIONS

Lead: standard 12 leads

Lead acquisition: 16bit/24bit 1000Hz (synchronously 12 leads)

Printer: 112mm thermal recorder

Work modes: MANUAL, AUTO modes

Filter: AC Filter :50Hz / 60Hz;

Anti-Drift Filter : 0.15Hz (Adaptive)

CMMR: >100dB (with AC filter)

Input circuit: floating; protection circuit against defibrillator effect Ω

Input impedance: >50M

Input circuit current: <0.05uA

Input dynamic range: +5mVpp

Patient current leakage: <10uA

Calibrating voltage: 1mV+2%

Voltage tolerance: +600mV

Time constant: >3.2s

Frequency response: 0.05~150Hz(-3db)

Noise level: <20uV

Sensitivity: 2.5, 5, 10, 20mm/mV

Inter-channel interference: <0.5mm

package: 32x25x17cm

Package size: 54x33x75cm(8 unit per carton)



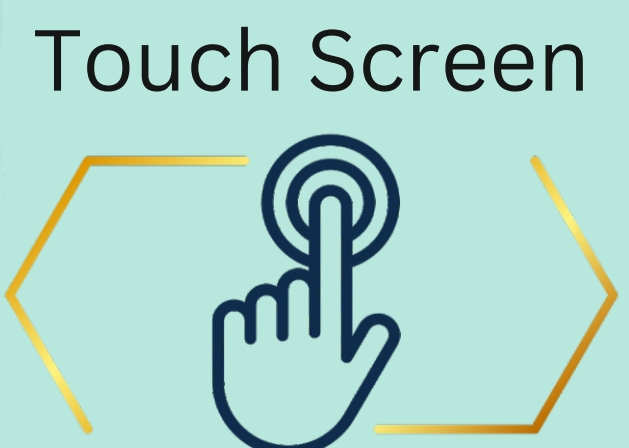
Touch Screen



TWELVE CHANNEL ECG MACHINE

- 7 inch high resolution color touch screen.
- Full alphanumeric keyboard with shortcut keys, efficient in operation
- Simultaneous 12 leads ECG acquisition and display.
- Automatic ECG measurement and interpretation.
- Internal storage up to 1000 cases.
- Convenient for case review and statistic.
- Built-in rechargeable Lithium high capacity battery.
- ECG data can be transmitted to PC via USB.
- ECG reports can be saved and opened in PC via ECG playback software.

CMS-1200G



CONTEC

TWELVE CHANNEL ECG MACHINE

ECG-1200G is an electrocardiograph which can collect 12-lead ECG signal simultaneously and print ECG waveform with thermal printing system. It features in, recording and displaying ECG waveform in AUTO/Manual mode, measuring and diagnosing ECG waveform parameters automatically (realize through PC software), prompting for “Lead off” and “Lack of paper”, multi language interface, AC/DC, selecting rhythm lead, printing the trend and histogram of P-R interval, case database management.

Physical characteristic

Working environment

Temperature: 5 C ~ 40 C

Relative humidity: 25%~95%(non-condensing)

Atmospheric pressure: 700hPa~1060hPa

Transport and storage environment

Temperature: -40 C~+55 C

Relative humidity: <95%

Atmospheric pressure: 500hPa~1060hpa

Dimension: 240mm(L) x 320mm(W) x 85 mm(H)

Weight: 3.2Kg



NV SURGICALS
MFG. OF HOSPITAL FURNITURE & EQUIPMENTS

CMS-800G



CONTEC

FETAL MONITOR

SPECIFICATION

- Lightweight, space-saving, easy to use
- 8.4" LCD screen, folding 60 degree
- Display waveforms and digital simultaneously
- FHR 120-160 normal area highlight
- 12 hours of data and waveform storage and review
- FHR upper and lower limit alarm
- Twins monitoring function option
- High sensitive 9 elements 1MHz pulse doppler transducer
- Built-in high resolution and long life printer
- Built-in PC network can be connected to the central monitoring system

FTR

- Technique ultrasound pulse doppler and auto-correction
- Ultrasound frequency: 1 MHz
- FHR range: 50-240 bpm
- Resolution: 1 bpm
- Accuracy: ± 2 bpm

FEATURES

- Compact design, can be placed horizontally or hung on the wall.
- Color LCD, 60° convertible screen
- Area mark for normal FHR(120 BPM-160 BPM).
- Manual record for fetal movement.
- Alarm for abnormal FHR
- Storage, playback and print the monitoring curve for continuous 12 hours.
- Display monitoring curve and data clearly
- Real-time monitoring for a continuous 24 hours.
- Optional interface languages: Chinese and English.
- Optional twins monitoring.
- 9-crystal and broad beam transducer.
- Extra long-life and high-resolution built-in thermal printer.

POWER SUPPLY

- AC 100-240 V, 50 / 60 Hz
- P max = <60 VA



NV SURGICALS
MFG. OF HOSPITAL FURNITURE & EQUIPMENTS

BT-350



BISTOS

FETAL MONITOR

SPECIFICATION

- Lightweight, space-saving, easy to use
- 8.4" LCD screen, folding 60 degree
- Display waveforms and digital simultaneously
- FHR 120-160 normal area highlight
- 12 hours of data and waveform storage and review
- FHR upper and lower limit alarm
- Twins monitoring function option
- High sensitive 9 elements 1MHz pulse doppler transducer
- Built-in high resolution and long life printer
- Built-in PC network can be connected to the central monitoring system

FTR

- Technique ultrasound pulse doppler and auto-correction
- Ultrasound frequency: 1 MHz
- FHR range: 50-240 bpm
- Resolution: 1 bpm
- Accuracy: ± 2 bpm

FEATURES

- Compact design, can be placed horizontally or hung on the wall.
- Color LCD, 60° convertible screen
- Area mark for normal FHR(120 BPM-160 BPM).
- Manual record for fetal movement.
- Alarm for abnormal FHR
- Storage, playback and print the monitoring curve for continuous 12 hours.
- Display monitoring curve and data clearly
- Real-time monitoring for a continuous 24 hours.
- Optional interface languages: Chinese and English.
- Optional twins monitoring.
- 9-crystal and broad beam transducer.
- Extra long-life and high-resolution built-in thermal printer.

POWER SUPPLY

- AC 100-240 V, 50 / 60 Hz
- P max = <60 VA

PORTABLE BIPHASIC DEFIBRILLATOR



MAESTROS

PORTABLE BIPHASIC DEFIBRILLATOR

MEASURING PARAMETERS

- Channel: 2Channel Electrode: 3/5 Leads
- ECG Acquisition: Patient Cable and Paddles
- Display: 2 waveforms with HR and Joules
- Selected Lead: Lead I, II, III, aVR, aVL, aVF, V
- Gain Selection: 5/10/15/20mm/mv Sweep
- Speed; 12.5,25 or 50mm/sec Heart rate
- range: 30-240 bpm Heart Rate Accuracy:
- +2bpm Frequency Response: 0.05 to 40Hz
- CMRR: >100 dB Input Impedance: >100 M
- Ohms
-
-
-

RECORDER

- Weight input: 5.4 kg
- Dimensions: 403(L) X 152 (H) X 324 (W) mm
- Working Temperature and Humidity: 0-40 deg. deg.cel. & up to 90% non condensing.

RECORDER

- Type: High Resolution thermal array recorder
- Printing Speed: 25 mm/sec
- Printer Paper Size: 57 mm x 20 Mtr.
- Details on print: HR,ECG w/f along with energy delivery, Date, Time, Patient Details (ID, name, age, sex), Joules selected, Sweep Speed and Gain

DISPLAY

- Type: color TFT display
- Size: 7" Diagonally
- Resolution: 800 x 480 Pixels

ELECTRICAL

- Power Input: AC230V, 50 Hz
- Battery Rating:
- 14.8V/4400mAh, Li-Polymer
- Charging Time: 8 hours
- Operating Time: 40-50 shocks (270 joules) or more than 3 hours monitoring without printing



PORTABLE BIPHASIC DEFIBRILLATOR

PRODUCT DESCRIPTION

- 7" Color Display with built in printer
- Charging time 6 sec on mains
- Offers variable energy level selection.
(2,3,5,7,10,20,30,50,70,100,150,200 Joules)
- Battery capacity - 70 - 100 shocks on single charge.
- Adult & pediatric paddles support.
- Compact & Light weight.
- Printer 2"

TECHNICAL SPECIFICATION

- Charging time less than 4 second
- SD card storage facility
- 250 shock events with 10 second of ECG data
- Contact Indicator
- Operating Time: 40-50 shocks (270 joules) or more than 3 hours monitoring without printing

FEATURESS

- Alarm : User adjustable high & low limit, Audible and visual alarming
- Battery :12 V 4.5Ah, Rechargeable
- ECG
- Heart Rate

OPTIONAL

- Respiration
- NIBP
- SPO2
- ETCO2
- Temperature
- AED
- Pacer
- printer
- Internal Paddle

- Usage/Application :
Hospital
- Material : Stainless steel
- Frequency : 50 Hz
- Power Watt : 250 W
- Voltage : 220 V
- Size : 120 x 80 cm
- Minimum Order
Quantity :



CAUTERY MACHINE

The Meditek ESU 250 is an electrocautery unit (ESU) that is used in medical settings for various procedures, including cutting and coagulating tissue during surgery. Electrocautery is a common technique used by surgeons to perform precise incisions and control bleeding by applying electrical currents to tissues. Here are some key features and information about the Meditek ESU 250:

1. **Power Output:** The "250" in the model name likely refers to the maximum power output of the machine, which is 250 watts. This power output can be adjusted by the user to suit the specific requirements of the surgical procedure.
2. **Modes:** Electrocautery units like the ESU 250 typically offer multiple operating modes, including cutting (pure cut), coagulation (fulguration), and blend modes. These modes allow surgeons to tailor the electrical output for different tissue types and surgical tasks.
3. **Monopolar and Bipolar:** Electrocautery units can operate in both monopolar and bipolar modes. Monopolar mode involves a single active electrode and a return electrode (dispersive pad), while bipolar mode uses two active electrodes. Monopolar mode is often used for cutting, while bipolar mode is used for coagulation and delicate procedures.
4. **Safety Features:** Electrocautery units come with safety features to prevent unintended burns or injury to the patient and surgical team. These features may include audible alarms, visual indicators, and safety cutoff mechanisms.
5. **Accessories:** The ESU 250 may be compatible with various electrocautery accessories, such as handpieces, electrodes, and cables. Surgeons can choose the appropriate accessories for their specific procedures.
6. **User Interface:** The machine likely has a user-friendly interface with controls for adjusting power settings, selecting modes, and monitoring the unit's performance. It may also have a digital display to provide real-time feedback.
7. **Applications:** Electrocautery units are used in a wide range of surgical procedures, including general surgery, gynecology, urology, orthopedics, and more. They are valuable tools for achieving hemostasis (control of bleeding) and precise tissue dissection.

It's important to note that the specific features and operation of the Meditek ESU 250 may vary based on the model and any updates or variations released by the manufacturer. Additionally, the use of electrocautery equipment requires specialized training to ensure safe and effective use in the operating room. Always consult the manufacturer's documentation and seek guidance from qualified medical professionals when using such equipment.



CAUTERY MACHINE

TECHNICAL SPECIFICATIONS

- Output Frequency
- Cut control (Pure)
- Cut Control (Blend-II)
- Cut Control (Blend-I)
- Coag Control Bipolar
- Coag Spray Coag
- Input Voltage Power
- Consumption
- Dimensions Weight

Monopolar Generator 500 + 25 kHz
 400 Watts 500 Ohms Load 300
 Watts 500 Ohms Load 225 Wat 500
 Ohms Load 160 Watts 500 Ohms
 Load 100 Watts 125 Ohms Load 220-
 240 Volts AC 50 Hz 750 VA approx.

(WxDxH)mm

12 Kg approx



CAUTERY MACHINE

SPECIFICATIONS

- Power - 300W Model - Digital
- Capability - All Surgery
- Excellent Quality - High Frequency Device

	MAX. POWER (WATTS)			RATED LOAD (OHMS)	
• Output Frequency	666 KHZ			-	-
• Display	FHHD Display			500	
• Pure Cut	300W			500	
• Blend 1	250W			500	
• Blend 2	200W			500	
• Endocut	100				
• Coagulation					
• Fulguration	200W			500	
• Spray	150W			500	
• Desiccation/Soft.	100W			500	
• Bipolar					
• Bipolar Coagulation Macro	60W	90W	40W	100	
• Biopolar Coagulation Micro	14"x12"x4.5" 5.0 kg 110			100	
• Biopolar Coagulation & Cut	to 240 VAC 50 HZ			100	
• Dimensions (W x H x D)					
• Weight					
• Input Voltage					



CAUTERY MACHINE

SPECIFICATIONS

- Power - 400W Model - Digital
- Capability - All Surgery
- Excellent Quality - High Frequency Device

Output Frequency	MAX. POWER (WATTS)			RATED LOAD (OHMS)
• Display	666 KHZ			- -
• Pure Cut	FHHD Display			500
• Blend 1	300W			500
• Blend 2	250W			500
• Endocut	200W			500
• Coagulation	100			
• Fulguration				
• Spray	200W			500
• Desiccation/Soft.	150W			500
• Bipolar	100W			500
• Biopolar Coagulation Macro				
• Biopolar Coagulation Micro	60W	90W	40W	100
• Biopolar Coagulation & Cut	14"x12"x4.5"	5.0 kg	110	100
• Dimensions (W x H x D)	to 240 VAC 50 HZ			100
• Weight				
• Input Voltage				

VENTILATOR

PRODUCT OVERVIEW

1. 360° Rotatable
2. 15.6 "TFT Touch Screen(18.5" Optional)
3. One-hand operative valves
4. Stable and durable trolley (with brake)

PHYSICAL SPECIFICATIONS

Dimensions(L*W*H) : 404mm*297mm*576mm (main unit)
538mm*495mm*1391mm (with trolley)

Weight : Approximately 21.0kg (main unit), Approximately
< 45.3 kg (with trolley)

POWER & BATTERY BACKUP

External AC power Supply Input Voltage : 100-240V

Input Frequency : 50/60Hz

Battery Type : Build-in Lithium-ion Battery, 14.8VDC, 5200mAh

Battery Running Time : 6 hours (2 Qty Battery)

ENVIRONMENTAL SPECIFICATIONS

Specifications

Temperature -

Relative Humidity -

Barometric Pressure -

Operating

5-40°C - 10-

95% - 62-

106kPa -

Strong and transport

-20 to +60°C (O2 Sensor, -20 to +50°C

10-95%

50-106kPa

TREND & RECORD

Type : Tabular, Graphic

Length : 24 hours

Content : Monitor Parameters

Event Log : 5000

GAS SUPPLY

Gas Supply : Medical-grade Oxygen

Pipe Connector : NIST or DISS

Gas Supply Pressure : 280-600kPa

LOW-PRESSURE OXYGEN INLET

Gas Supply : Medical-grade Oxygen

Maximum Flow : 15 L/min (STPD)

Connector : CPC quick connector



Controlled Parameters (O2 Therapy)

Parameter : 2.0 to 50.0

O2 Concentration : 20 to 100

Pmax : 10 to 95

COMMUNICATION INTERFACE

O2 therapy

Nebulization

Manual Breath

Inspiratory Hold

Expiratory Hold

PEEPi PO.1 ATC

Screen-lock

Sigh

SPO2

CO2

RSB

Compliance

Calibrate

O2 suction

LTV-1150

VENTILATOR

SPECIFICATIONS

PHYSICAL SPECIFICATIONS WITH BOOTS (APPROX.)

Weight: 14.5 lb (6.5 kg)

Height: 3.25" (8.4 cm)

Width: 10.5" (27 cm)

Depth: 13.5" (38 cm)

VARIABLE ALARMS

Apnea interval: 10 to 60 sec

High pressure limit: 5 to 100 cmH₂O

Low peak pressure: Off, 1 to 60 cmH₂O

Low minute volume: Off, 0.1 to 99 L

High PEEP: Off, 3 to 20 cmH₂O

above set PEEP PEEP: Off, -3 to -20 cmH₂O below set PEEP

High rate: Off, 5 to 80 BPM

Alarm volume: 60 to 85 dBA

CONTROLS

Power: On/Standby

Ventilation modes: Control, Assist/Control, SIMV/CPAP and NPPV

Breath types: VC, PC, PS and Spontaneous

Breath rate: 0 to 80 BPM

Tidal volume: 50 to 2000 mL

Inspiratory time: 0.3 to 9.9 sec

PC/PS/Spont. flow: 160 LPM

Pressure control: 1 to 99 cmH₂O

Pressure support: 1 to 60 cmH₂O

Sensitivity: Off, 1 to 9 LPM

PEEP/CPAP: 0 to 20 cmH₂O

Insp./Exp. hold: 6 sec max

Manual breath: 1x current settings
Control lock: Easy or hard unlock options

FIXED ALARMS

Disconnect/sense

External power, low and lost

Internal battery, low and empty

Ventilator inoperative

STANDARDS AND REGULATORY COMPLIANCE

RTCA/DO-160F

ANSI/UL STD 60601-1

IEC 60601-2-12

cETLus

CAN/CSA C22.2 STD NO. 601.1

EXTENDED FEATURES

Spontaneous breathing trial (SBT)

Ventilator presets (on/off)

Variable rise time

Variable flow termination

Variable time termination

Pressure control flow termination

Leak compensation

Apnea interval

MONITORS AND INDICATORS

Peak inspiratory pressure: 0 to 120 cmH₂O

Mean airway pressure: 0 to 99 cmH₂O

PEEP: 0 to 99 cmH₂O

Breath rate: 0 to 250 BPM

Airway pressure display: -10 to 108 cmH₂O

Exhaled tidal volume: 0 to 4,000 mL

Exhaled minute volume: 0 to 99.9 L relative

I:E ratio: 99:1 to 1:99, measured

Calculated peak flow: 10 to 100 LPM

AutoPEEP: 0 to 100 cmH₂O

Static compliance: 1 to 999 mL/cmH₂O

Patient effort: Green LED



POWER INDICATORS

External power : Green and amber LEDs

Battery charge status : Green, amber and red LEDs

POWER SPECIFICATIONS

Ventilator input 11 t AC adapter
input 100 to 250 VAC 50 to 60 Hz

ENVIRONMENTAL SPECIFICATIONS

Operating temperature : 5 to 40 °C (40 to 104 °F)

Storage temperature -20 to 60 °C (-4 to 140 °F)

Operating humidity : 15 to 95% relative

Storage humidity 10 to 95%

Shock compliance MIL-STD-810F
Vibration compliance : MIL-STD-810F



NV SURGICALS
MFG. OF HOSPITAL FURNITURE & EQUIPMENTS

LTV-950 VENTILATOR

SPECIFICATIONS

PHYSICAL SPECIFICATIONS WITH BOOTS (APPROX.)

Weight: 13.4 lbs. (6.1 kg)
Height : 3 inches (8 cm)
Width: 10 inches (23 cm)
Depth: 12 inches (30 cm)

CONTROLS:

Power: On/Standby
Ventilation Modes: Control,
Assist/Control, SIMV, CPAP, NPPV
Breath Types: Volume Control,
Pressure Control, Pressure Support,
Spontaneous
Breath Rate: 0 – 80 breaths per
minute
Tidal Volume: 50 – 2000 ml
Inspiration Time: 0.3 – 9.9 seconds
(100 lpm) PC/PS/Spontaneous Flow:
160 lpm
Pressure Control: 1 – 99 cmH₂O
Pressure Support: Off, 1 – 60 cmH₂O
Sensitivity: Off, 1 – 9 lpm
Bias Flow: 10 lpm during exhalation
PEEP/CPAP: 0 – 20 cmH₂O
Control Lock: Easy or Hard unlock
methods
Manual Breath: 1 x current settings

VARIABLE ALARMS:

Apnea Interval: 10 – 60 seconds
High Pressure Limit: 5 – 100 cmH₂O
Low Peak Pressure: Off, 1 – 60 cmH₂O
Low Minute Volume: Off, 0.1 – 99 liters
Alarm Volume: 60 – 85 dBA at 1 meter
Alarm Silence/Reset: 60 seconds
Ventilator Inoperative: Red LED,
audible alarm
High Rate Alarm: Off, 5 – 80 bpm
High PEEP Alarm: Off, 3 – 40 cmH₂O

MONITORS AND INDICATORS:

Peak Inspiratory Pressure: 0 – 120
cmH₂O Mean Airway Pressure: 0 – 99
cmH₂O PEEP: 0 – 99 cmH₂O Total
Breath Rate: 0 – 250 bpm
Airway Pressure Display: -10 – 108
cmH₂O

Exhaled Tidal Volume: 0 – 4000 ml
Total Minute Volume: 0 – 99.9 liters
I:ERatio: 99:1 – 1:99 Calculated Peak
Flow: 10 – 100 lpm Patient Effort:
Green LED

OPTIONAL ACCESSORIES:

LTM Graphics Monitor Package – P/N
17650-001 Universal Power Supply –
P/N 14546- 001 Floor Stand – P/N 10611
Utility Basket – P/N 11450 Long
Crossbar – P/N 11452 Circuit Support
Arm – P/N 11501 Humidifier Pole – P/N
11453 Oxygen Canister Ring Set – P/N
11455 UPS Mounting Bracket – P/N
15009- 001

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature: 5° – 40°C
(40° – 104°F) Storage Temperature:
-20° – 60°C (-4° – 140°F) Operating
Humidity: 15% - 95% relative
Storage Humidity: 10% - 95%
relative Shock Compliance: MIL-
STD-810E Vibration Compliance:
MIL-STD-810E



EXTENDED FEATURES:

Apnea Back-up Ventilation
Pressure Control and Pressure
Support Variable Rise
Time Pressure Control and
Pressure Support Variable Flow
Termination Criteria
Pressure Support Variable Time
Termination Leak
Compensation

POWER SPECIFICATIONS:

11 – 15 VDC 90 – 250 VAC 47 – 63
Hz

POWER SPECIFICATIONS:

ETC, cETL Listed
ISO 13485 Registration
IEC 601-2-12
BSI Registered FM 75092

FIXED ALARMS:

Disconnect/Sense Line
Low & Lost External Power
Low & Empty Internal Battery
High & Low Oxygen Inlet
Pressure

ULV FOGGER

TECHNICAL SPECIFICATION

Power Supply : 220 AV, 50Hz

Motor : 25000 RPM, The High Power (2 stage provide)

Practical Size : 5- 15 micron Blower (maximum thrust)

Speed & Reach : 30-40 Ft. Distance & 18-20

height Appx. 8000 cu. Ft.

Space Treatment : Non Rotating, Plastic Eng.
(20'x20'x20) 5 Liter Stainless Steel Gr. 304

Nozzal Assembly :

Chemical tank :
(Autoclavable)

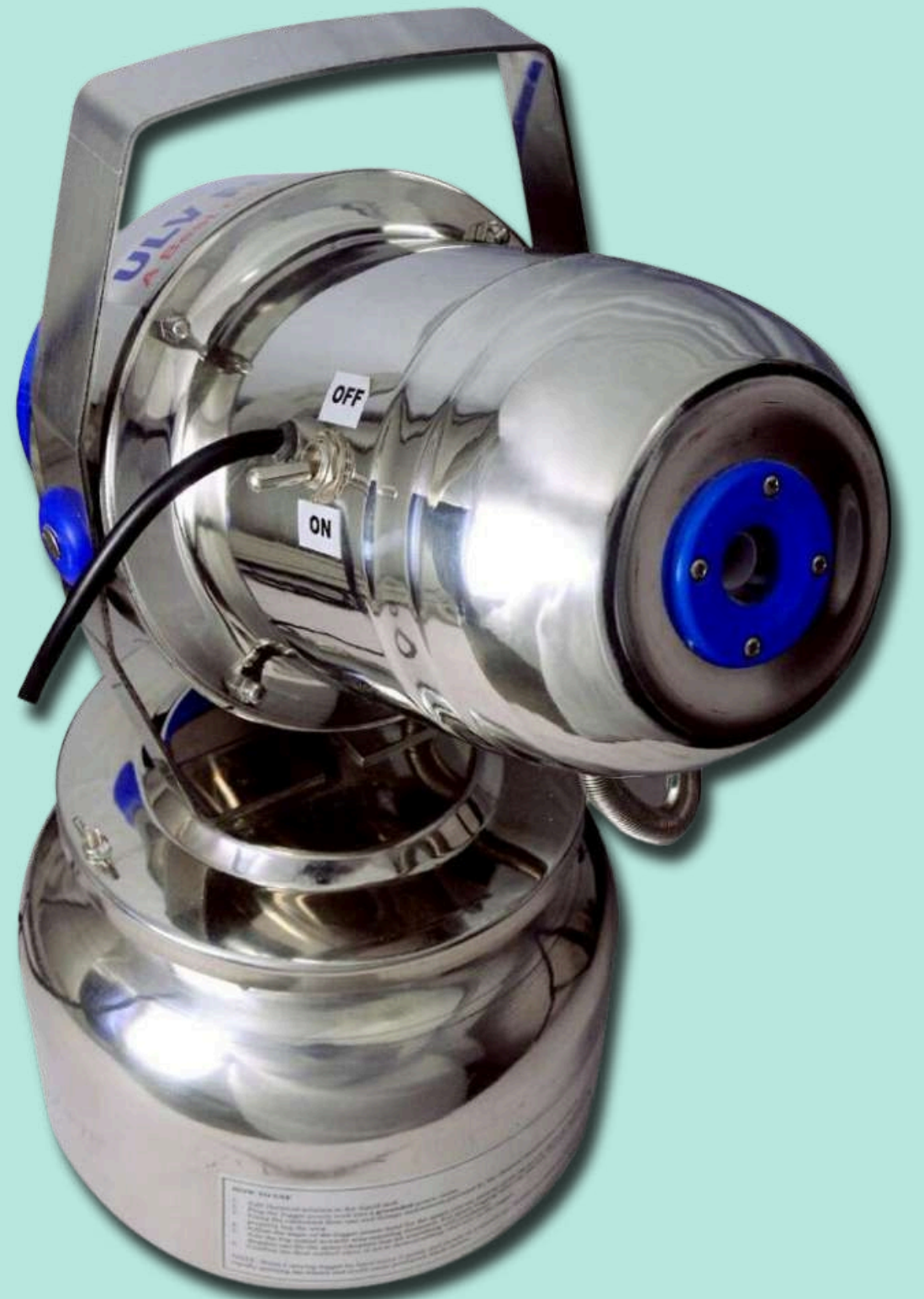
Machine Handle : S.S 304 Gr.

FEATURES AND BENEFITS:

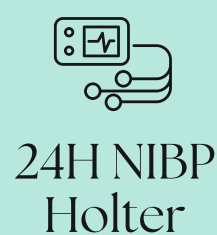
Faster & Safe Procedure

- Highly Effective infection control
An ideal tool for Fumigation.
Generation ultra fine & non werring aerosols
- Specially designed with extreme care for health care and pharmaceutical industries
- The Large Number of very small droplets crate high density fog Intake air filter presents entry of dust for safety of motor parts.
Easy to clean, detachable chemical resist high Grade 304 SS Tank

- Liquid Discharge Rate - Approx 0-100ml/min, Adjustable by rotating Knob
- Chemical tank Cover - Stainless Steel 30 GE
- Machine Weight - Portable Approx. 6.5 Kg



ABPM-50



CONTEC

AMBULATORY BLOOD PRESSURE MONITOR

ABPM50 and PM50 are designed to record the patient's blood pressure information for 24 hours and help the physician interpret the patient's blood pressure by analyzing the recorded data.

TECHNICAL SPECIFICATIONS

- Oscillometric method
- 2.4-inch color LCD display
- 24-hour continuous blood pressure measurement
- Manual blood pressure measurement
- Battery indicator
- 4800 blood pressure measurement storage capacity
- Alarm function
- Measuring ranges;
 - 1.SYS: 40mmHg~270mmHg
 - 2.MAP: 20mmHg~235mmHg
 - 3.DIA: 10mmHg~215mmHg
 - 4.HR: 30bpm~250bpm
 - 5.SpO2: 0%~100% (Available for PM50)

SOFTWARE FEATURES

- Detailed analysis
- Entering demographic information
- Alarm range, trend table, correlation and pie chart graphs
- Report preview
- Report format adjustment
- Red marks when the limits are exceeded

PHYSICAL FEATURES

Dimension: 128 x 69 x 36mm

Weight < 350 g (Including Batteries)

ACCESSORIES LIST

Adult cuff

Carrying bag

Cuff hose

SpO2 probe (Available for PM50)

CMS-G21 CONTEC LARYNGOSCOPE SUITABLE FOR

Difficult intubation of glottic opening,
easily guide the medical staff to
accurately perform endotracheal
intubation for anesthesia or first aid.

TECHNICAL SPECIFICATIONS



Display:	Monitor LCD Resolution Ratio: 640X480RGB Aspect Ratio: 4:3 Video refresh Rate: 30FPS
Data Output:	Easy to create and store files in JPEG or MP4 format. Connect to the computer via a USB micro cable
Camera and image:	Resolution Ratio 2.0M Pixels Field Angle: >60° luminance>2500LUX Working distance: 20mm-100mm color temperature >5000K color reduction grade >6
Power and Battery:	Type Rechargeable Lithium Battery Battery life Cycle: More Than 500 times AC100-240V, 50/60Hz, 50VA Charging times: less than 2hrs
Working condition:	Temperature: -10~+50°C
Size and Weight:	Product Size: 260,51*100.9*107,47mm; Product Weight: 0.22kg Carton size: 340*250*195mm ; Weight: 1.93kg



SURGICALS
MFG. OF HOSPITAL FURNITURE & EQUIPMENTS

CONTEC

FETAL DOPPLER

FEATURES

- Nominal Frequency: 2.0 MHz
- Working Frequency: 2.0 MHz $\pm$ 10%
- Comprehensive Sensitivity: 90 dB
- Ultrasonic Output Power: P 20 mW
- Negative Peak Sound Pressure: P₋ 1 MPa
- Output Beam Intensity: I_{ob} 20 mW/cm²
- Spatial-peak-Temporal-average Derived Intensity: I_{spta} 100 mW/cm²
- Working Mode: Continuous wave doppler
- Effective Radiating Area of Transducer: < 157 mm²
- Delicate and compact design, portable and easy to use
- Crooked probe structure, which is easy to operate and increases the feeling of comfort, embodies the humanized design.
- Three working mode: Real-time FHR Display Mode, Averaged FHR Display Mode and Manual Mode
- FHR values, bar graph and heartbeat waveform color display
- Alarming in red when the FHR value is out of the normal range.
- Probe falls off detection, battery status indication
- Automatic shutdown: The device will automatically turn off if there is no signal within 1 minute.
- Audio interface: Can be connected to other recording devices by recording cable, record fetal heart sound in real-time
- Two 1.5V batteries (AA LR6) can last more than 8 hours for normal use
- Performance
- Probe



ACCESSORIES

- Standard Configuration:
- User manual 1
- 2MHz crooked probe 1
- Optional Configuration:
- 3Mhz crooked probe
- 8Mhz Vessel Crooked probe



FLUID AND BLOOD WARMER

PRODUCT OVERVIEW

Encompasses a slim and ergonomic design. Comes with both clamp and hanger which allows the flexible installation on cage or IV pole. As a high performance, micro processor-controlled device ,it assures safely warm infusion and transfusion to the recommended temperature. Temperature can be set freely from 30 - 42 Celsius Degree in increments of 0.1 Celsius Degree. Low/high temperature alarm and dual groove help to minimize the caregivers dealing time. No dedicated consumables leads to lowering costs. Fahrenheit Degree and Celsius Degree can be changed flexibly.



FEATURES AND BENEFITS:

Intended Usage	Applicable to OR, ICU, Emergency Room, Infusion Room, Dialysis Room, Hematology Department, Neonatology Department, Ward, etc. For Fluid and Blood Warming.
Heating Temperature	30 - 42 Celsius Degree in increments of 0.1 Celsius Degree.
Heating Method	Microprocessor automatically control the temperature of double groove in the dry heating way.
Display	1.8 inch LED monitor with detailed information at a glance. 2°C to 40°C
Heating Speed	Less than 120s from 25
Function	The alarm volume is adjustable, high/low temperature alarm, drip rate abnormal alarm, over-temperature protection.
Adaptor	Drip sensor is optional.
Unit	°C/°F
Alarm	Visual and audio alarm:bottle empty, over temperature, low temperature, door open, system error.
Safety Classification	Class I type B,IPX3
Input Power	70VA
Net Weight	0.6kg
Size	172*92*55mm
Voltage	AC:100~240V , 50/60Hz
Operating conditions	Temperature: 5°C-30°C Relative humidity: 10%-93% Atmosphere pressure: 86.0kPa
	106.0kPaVA



SURGICALS
MFG. OF HOSPITAL FURNITURE & EQUIPMENTS

CIRONA 6200

DVT PUMP

PRODUCT OVERVIEW

The Cirona 6200 is a compression therapy pump used for patients who may be at-risk of developing a painful and potentially life threatening blood clot known as deep vein thrombosis or DVT. The device comes with a pair of soft compression garments that wrap around the calf, calf-thigh, or foot on each leg or foot. Air compression inflates the garments during a 60-second automatically timed cycle (an approximate 12-second inflation-period followed by a 48-second relaxation period) to mimic the body's natural walking functionality, to enhance circulation and prevent early blood clotting.

FEATURES AND BENEFITS:

1. **Convenient:** comes with long-lasting rechargeable battery, bed hanger attaches easily in hospital or home care setting.
2. **Effective:** Enhances circulation to provide therapy that may prevent clotting.
3. **Comfortable:** Disposable compression garments made of soft, breathable material.



DEVICE

SPECIFICATIONS:

Weight:	5.1 lbs.
Dimensions:	4" (W) x 7" (L) x 11" (H)
Inflation Cycle:	12 seconds
Rest Period:	48 seconds
Cycle Time:	60 seconds
Pressure:	40mmHg
Electrical:	100 x 240 VAC, 50X60Hz
Fuse Rated:	250 VAC, 1.0AMP, SLO-BLD
Operation Mode:	Continuous
Battery:	Lithium Battery, 10.8 V, 4400mAh (rechargeable)



NV SURGICALS
MFG. OF HOSPITAL FURNITURE & EQUIPMENTS

CONTEC TLC5000

TLC5000 Dynamic ECG system adapts international standard 12-lead system, can record continuously ECG waves for 24h, and analyses waves with PC software. It is applicable in hospital and community medical establishment.

RECORDER FEATURES

- With advanced design and technology, the recorder can work stably, dependably and durably.
- Be provided with the capability of anti-jamming and aseismic.
- Small volume with OLED screen. The resolution is 160*128.
- Be provided with functions of waveform preview, record review and event marking.
- Accurate record of the start time of the data sampled owing to the real time clock of itself.
- Avoid damage owing to the repeating inserting and pulling out by using the inbuilt TF card to storage the data.
- The maximum capability can be 2GB, so the original data can be saved perfectly by no compression.
- The average review time of single case can be less than 40 seconds by using interface of USB 2.0

ACCESSORIES

- 12-lead ECG lead wired (1 set)
- ECG electrode 1 bag(20 per bag)
- USB data line(1)
- Disk(1)
- Bag(1)
- User manual(1)
- Softdog(optional)



PHYSICAL CHARACTERSTIC

- Dimension: 111 (L) X 60(W) X 25(h)mm
- Weight: About 105g(without battery)

STANDARD

- Number of channels: 12 channels;
- Sampling accuracy: 12Bit
- Record time; 24 h;
- Power: 2 AA size batteries;
- Interface: USB2.0;
- Scale voltage: 1mV+5%;
- Standard Sensitivity: 10mm/mV+5%;
- Noise level: <30uV;
- CMRR: >60dB;
- Low-frequency characteristics: Time constant>3.2s;
- Scan speed: 25mm/s+5%;
- Enduring polarization voltage: +300mV
DC polarization voltage, sensitivity shift<+10%
- Least measure single: 50 uV p-p;
- Product safety type: Type B (Internally powered);

CMS-50D

CONTEC

FINGERTIP PULSE

OXIMETER

DESCRIPTION

- Principle of the CMS50D Pulse Oximeter is as follows:
Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology, the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger. The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports etc.

FEATURE

- Display Format: OLED Display
- SpO2 Measuring Range: 0% - 100%
- Pulse Rate Measuring Range: 30 bpm - 250 bpm
- Pulse Wave Display: columiation display and the waveform display
- Power Requirements: 2 × 1.5V AAA alkaline battery (or using the rechargeable battery instead), adaptable range: 2.6V~3.6V
- Power Consumption: Smaller than 30mA
- Resolution: 1% for SpO2 and 1 bpm for Pulse Rate
- Measurement Accuracy: $\pm 2\%$ in a stage of 70%-100% SpO2
- Resistance to surrounding light: The deviation between the value measured in the condition of human-made light or indoor natural light and that of darkroom is less than $\pm 1\%$
- Optical Sensor



NEONATAL FINGERTIP PULSE OXIMETER DESCRIPTION

- Principle of the K1 Neonatal Pulse Oximeter is as follows:
Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology, the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger. The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports etc.

FEATURE

- Display Format: OLED Display
- SpO2 Measuring Range: 0% - 100%
- Pulse Rate Measuring Range: 30 bpm - 250 bpm
- Pulse Wave Display: columiation display and the waveform display
- Power Requirements: 2 × 1.5V AAA alkaline battery (or using the rechargeable battery instead), adaptable range: 2.6V~3.6V
- Power Consumption: Smaller than 30mA
- Resolution: 1% for SpO2 and 1 bpm for Pulse Rate
- Measurement Accuracy: $\pm 2\%$ in a stage of 70%-100% SpO2
- Resistance to surrounding light: The deviation between the value measured in the condition of human-made light or indoor natural light and that of darkroom is less than $\pm 1\%$
- Optical Sensor



CONTEC SP-80B

SPIROMETER

The SPIROMETER is a hand-held equipment for checking lung conditions, adopts the infrared single acquisition mode for measuring items re- lated to FVC, and it applicable for hospital, clinic, family for routine test.

FEATURES

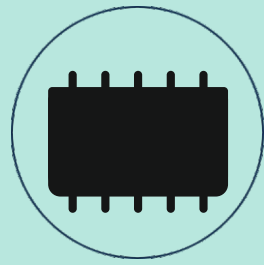
- The personal information (including height, age, sex, etc.) can be set.
- Flow-volume chart, volume-time chart display. The data can be stored, deleted, uploaded and reviewed. Trend chart display.
- Health state indication. Calibration function. Over limit prompt function for volume and flow. Indicate expiration within 6 seconds by indicators.



PHYSICAL CHARACTERSTIC

- Dimension: 160mm (L) x 65mm (W) x 45mm (h) Weight: 190g
- Start measuring by one button. The data can be transmitted by bluetooth or USB cable. Real time clock can be set and displayed. Battery power indication. Automatic shutdown when there is no operation with in two minutes

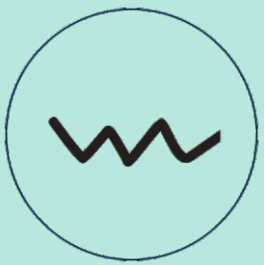
CONTEC CA10S



LCD display



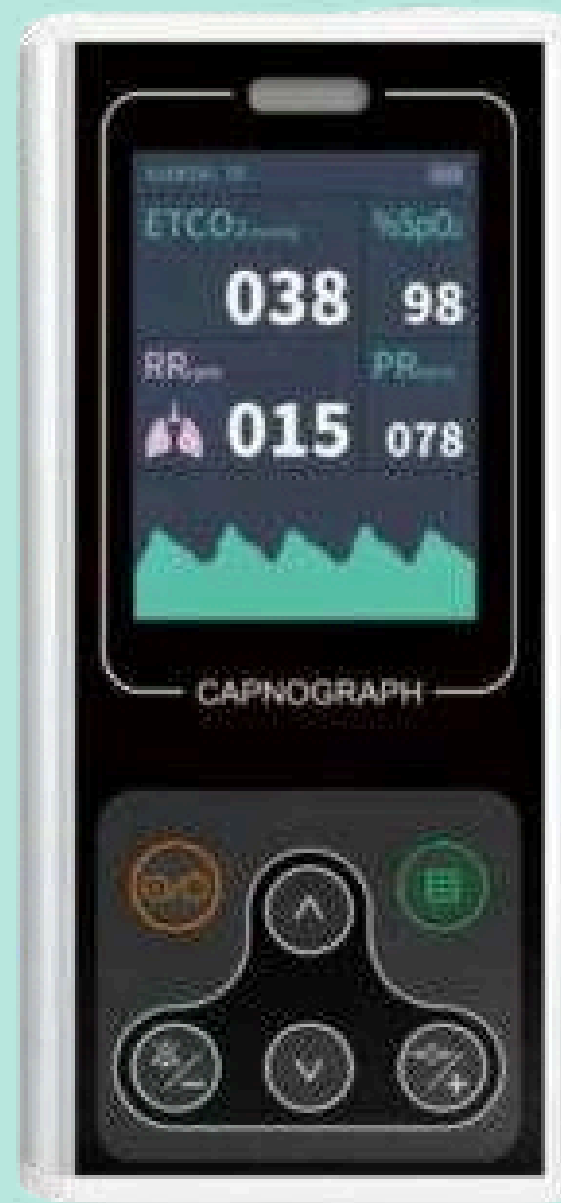
Pressure
compensation



Respiratory
waveform



Small and light



Capnograph adopts side stream method to measure the end-tidal carbon dioxide, airway respiration rate and other parameters. It can detect pulmonary ventilation function and reflect the circulation and pulmonary blood flow as well as indirectly reflect the alveolar ventilation standard. Meanwhile, it can also detect the blood oxygen saturation and pulse. The Capnograph is applicable for use in pre-hospital emergency transfer, emergency, ICU, operating room, neonatology, respiratory department and other occasions. The application population is adult, pediatric and neonate patients.

FUNCTION

- End-tidal CO₂ measurements function
- Respiration rate measurements function
- SpO₂ measurement function
- Pulse rate measurement function
- Over-limit alarm function for EtCO₂, Respiration rate, SpO₂ and Pulse rate
- Low battery alarm function

PHYSICAL CHARACTERISTIC

- Dimension: 159*72*31mm
- Weight: 270g
- Working environment
- Temperature: 5°C-40°C
- Relative humidity: 30%~75%, no condensation
- Atmospheric pressure: 700 hPa-1060 hPa
- Power supply: DC 3.7 V (rechargeable lithium batteries)
- Input power: <1.5 VA

FUNCTION

- User manual
- Blood oxygen probe
- Sampling pipe

PERFORMANCE

- End-tidal CO₂ measurement:
Measurement range: 0~150 mmHg
Resolution: 1 mmHg
Accuracy: 0~40 mmHg: +2 mmHg
41~70 mmHg: +5% of readings
71~ 100 mmHg: +8% of readings
101~150 mmHg: +10% of readings
- Respiration rate measurement: Measurement range: 2 rpm ~ 120 rpm Resolution; 1 rpm Accuracy: +1 rpm
SpO₂ measurement: Measurement range: 30 ~ 100%
Resolution: 1% Accuracy: 70 ~ 100%: +2%
- Pulse rate measurement:
Measurement range: 25~250 bpm
Resolution: 1 bpm
Accuracy: +2 bpm pr +2%, whichever is greater



NV SURGICALS
MFG. OF HOSPITAL FURNITURE & EQUIPMENTS



NIBP CUFF

NEONATE

- SIZE : 6 TO 11 CM OR 7 TO 13 CM
- CUFF WITH BLADDER INSIDE
- SUITABLE FOR NEONATE ONLY
- Compatible with All Type Of Multipara Monitor and Patient Monitor (Single Tube)
- Durable and Good quality

ADULT CUFF

- BP Cuff Adult Single Tube 26-35cm
- Compatible with Philips
- Reusable Blood pressure Cuff
- Latex Free
- Durable

CHILD

- Size: 18-26 cm Cuff Child Single Tube
- It is Compatible For MultiPara Patient Monitor . It is Used for Child.
- Blue Color .
- Latex Free .
- Cuff Bladder Inside .



For Further Information, contact:

**# 36 B, Bajrang Bali Colony, Rohtak Gate,
Bhiwani - 127021 (HR)**

M.: 9802324555, 8826707666

Email: nvsurgicals666@gmail.com