PRODUCT CATALOGUE

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Multi-parameter monitor

cPM





Features

- Touch-screen for easy operation
- 11.6/13.3/15.6 inch high resolution color TFT display
- USB interfaces support easy software upgrade and data transfer
- wire and wireless compatible with Central Monitoring System (CMS)
- 3/5/12-lead (Automatic 3/5/12-lead recognition)
- Multi-display modes suitable for different applications:
- Standard Interface, Large font, ECG Standard Full Display, OXY , Trend Table
- Battery > 3 hours
- Anti-electrosurgical interference

Technique Specification

ECG

Sensitivity >200 uV(Peak to peak)
ST measurement range: -2.0 ~ +2.0 mV
Accuracy: -0.8mV~+0.8mV: ±0.02mV or ±10%, which is greater
Other Range: unspecified
Sweep speed: 12.5 mm/s, 25mm/s, 50mm/s
Diagnostic: 0.05~130 Hz
Monitor: 0.5~40 Hz
Surgery: 1~20 Hz

SPO2

Measuring Range: 0 ~ 100 %
Resolution: 1%
Accuracy: 70% ~ 100% (±2 %)
Pulse Rate: 20~250 BPM
Resolution: 1 BPM
Accuracy: ±3 BPM

TEMP

Measure and Alarm Range: 0℃ ~ 50℃
Resolution: 0.1℃
Accuracy: ±0.1℃

NIBP

Measure and alarm range:
Adult Mode
SYS 30 ~ 290 mmHg
DIA 10 ~ 250 mmHg
MEAN 15 ~ 260 mmHg
Pediatric Mode
SYS 30 ~ 240 mmHg
DIA 10 ~ 200 mmHg
MEAN 15 ~ 215 mmHg
Neonatal Mode
SYS 30 ~ 140 mmHg
DIA 10 ~ 115 mmHg
MEAN 15 ~ 125 mmHg
Resolution: 1mmHg
Accuracy: ±5mmHg

RESP

Method: Impedance between RA-LL or RA-LA
Measurement Range:
Adult: 10 ~ 120 Br/PM
Neonatal / Pediatric: 7 ~ 150 Br/PM
Resolution: 1 Br/PM
Accuracy: ±2 Br/PM

Multi-parameter monitor

XP10





Features

- 12.1 inch touch-screen, supports up to 8 waveforms.
- Color display with high resolution: 1280*800.
- Automatic identification 3/5/12-lead .
- High calculation for Drug, Hemodynamic, Ventilation, Oxygenation and Renal.
- Three Working Modes: Monitoring, Surgery and Diagnosis.
- Multi-display modes suitable for different applications:
  Standard Interface, large font, ECG standard full lead display, OXY-CRG , Trend Table, 12-Lead Screen.
- USB interfaces support easy software upgrade.

Technique Specification

ECG

Sensitivity >150 uV(Peak to peak)
ST measurement range: -2.0 ~ +2.0 mV
Accuracy: -0.8mV~+0.8mV: ±0.02mV or ±10%, which is greater
Other Range: unspecified
Sweep speed: 12.5 mm/s, 25mm/s, 50mm/s
Diagnostic: 0.05~150 Hz
Monitor: 0.5~40 Hz
Surgery: 1~20 Hz

SPO2

Measuring Range: 40 ~ 100 %
Resolution: 1%
Accuracy: 70% ~ 100% (±2 %)
Pulse Rate: 20~250 BPM
Resolution: 1 BPM
Accuracy: ±3 BPM

TEMP

Measure and Alarm Range: 0℃ ~ 50℃
Resolution: 0.1℃
Accuracy: ±0.1℃

NIBP

Measure and alarm range:
Adult Mode
SYS 30 ~ 290 mmHg
DIA 10 ~ 250 mmHg
MEAN 15 ~ 260 mmHg
Pediatric Mode
SYS 30 ~ 240 mmHg
DIA 10 ~ 200 mmHg
MEAN 15 ~ 215 mmHg
Neonatal Mode
SYS 30 ~ 140 mmHg
DIA 10 ~ 115 mmHg
MEAN 15 ~ 125 mmHg
Resolution: 1mmHg
Accuracy: ±5mmHg

RESP

Method: Impedance between RA-LL or RA-LA
Measurement Range:
Adult: 10 ~ 120 Br /PM
Neonatal / Pediatric: 10 ~ 150 Br /PM
Resolution: 1 Br /PM
Accuracy: ±2 Br /PM

Multi-parameter monitor

ePM





SPM01



Features

- Drug, Hemodynamic and Oxygenation Calculation.
- 13.3 inches, 15.6 inches and 17.3 inches high resolution color TFT display are available
  3/5/12 lead (Automatic 3/5/12-lead recognition)
- Compatible with Central Monitoring System (CMS)
- Anti-electrosurgical interference.
- Defibrillator Synchronization..
  Multi-display modes suitable for different applications:
  Standard Interface, Large font, ECG Standard Full Display, OXY , Trend Table, BP Trend.
- Interpretation of resting 12-lead ECG result
- HDMI output for external display

Technique Specification

ECG

Sensitivity >200 uV(Peak to peak)
ST measurement range: -2.0 ~ +2.0 mV
Accuracy: -0.8mV~+0.8mV: ±0.02mV or ±10%, which is greater
Other Range: unspecified
Sweep speed: 12.5 mm/s, 25mm/s, 50mm/s
Diagnostic: 0.05~130 Hz
Monitor: 0.5~40 Hz
Surgery: 1~20 Hz

SPO2

Measuring Range: 0 ~ 100 %
Resolution: 1%
Accuracy: 70% ~ 100% (±2 %)
Pulse Rate: 20~250 BPM
Resolution: 1 BPM
Accuracy: ±3 BPM

TEMP

Measure and Alarm Range: 0℃ ~ 50℃
Resolution: 0.1℃
Accuracy: ±0.1℃

NIBP

Measure and alarm range:
Adult Mode
SYS 30 ~ 290 mmHg
DIA 10 ~ 250 mmHg
MEAN 15 ~ 260 mmHg
Pediatric Mode
SYS 30 ~ 240 mmHg
DIA 10 ~ 200 mmHg
MEAN 15 ~ 215 mmHg
Neonatal Mode
SYS 30 ~ 140 mmHg
DIA 10 ~ 115 mmHg
MEAN 15 ~ 125 mmHg
Resolution: 1mmHg
Accuracy: ±5mmHg

RESP

Method: Impedance between RA-LL or RALA
Measurement Range:
Adult: 10 ~ 120 Br /PM
Neonatal / Pediatric: 7 ~ 150 Br /PM
Resolution: 1 Br /PM
Accuracy: ±2 Br /PM

Multi-parameter monitor

PM15B



Specifications

- 15.6 inch large screen provides bright and clear view
- Multi-language operation system
- Sync display of 7-lead ECG
- VGA output for external display
- USB interfaces support easy software upgrade
- Three working modes: Monitoring, Surgery and Diagnosis.
- Central monitoring system by wired mode

- ***Standard Parameters:***
  ECG, RESP, TEMP, NIBP, SpO2, PR

- ***Optional Parameters:***
  •Dual IBP •Etco2 •12-lead ECG
  •Recorder •Central monitoring system

Multi-parameter monitor

PM10A



Specifications

- 10.1 inch high resolution color TFT display
- Lightweight and portable design suitable for ambulance, emergency transport

- ***Standard Parameters:***
  ECG, RESP, TEMP, NIBP, SPO2, PR



Multi-parameter monitor | PM12E

Specifications

- 12.1 inch color display
- High-resolution touch-screen for easy operation
- Three working modes: Monitoring, Surgery and Diagnosis.
- Simple and friendly operating display interface.
- Built-in rechargeable Lithium battery up to 2 hours of continuous work
- USB interfaces support easy software upgrade

- ***Standard Parameters:***
  ECG, RESP, TEMP, NIBP, SpO2, PR

- ***Optional Parameters:***
  •Dual IBP •Etco2
  •Recorder •VGA output for external display
  •Central monitoring system



- Flexible modular design with comprehensive monitoring options.
- 12 inch high-resolution touch screen
- Dual IBP and CO2 are optional

Semi-modular Patient Monitor | PM12H

PM

Multi-parameter monitor

PM12F





Multi-parameter monitor | **PM12B**



Multi-parameter monitor | **PM12D**

Specifications

- 12.1 inch color display with 800*600 resolution.
- Three working modes: Monitoring, Surgery and Diagnosis.
- Simple and friendly operating display interface.
- Built-in rechargeable Lithium battery up to 2 hours of continuous work
- VGA output for external display
- Display modes:
  Standard interface, Big font, ECG full screen cascade, Oxygen graph, Trend table, BP trend.

- ***Standard Parameters:***
  ECG, RESP, TEMP, NIBP, SpO2, PR

- ***Optional Parameters:***
  •Dual IBP •Etco2
  •Recorder •Central monitoring system

Specifications

- PM80D:8 inch TFT display
- Simple and convenient operation, which is applicable for community medical treatment and family ect.
- Adjustable audible and visual alarms
- ***Standard Parameters:***
  ECG, RESP, TEMP, NIBP, SpO2, PR

Multi-parameter monitor

PM80D



Specifications

- PM80B:8 inch TFT display
- Simple and convenient operation, which is applicable for communitymedical treatment and family ect.
- Adjustable audible and visual alarms
- ***Standard Parameters:***
  NIBP, SpO2, PR,TEMP

Vital signs monitor

PM80B



Fetal Monitor | F07





Features

- 7”LCD screen, folding 60 degree
- High sensitivity,10 chips 1MHz digital pulse transducer
- LE MEDICAL® DSP technology
- Twins monitoring function option
- Display waveforms and digital simultaneously
- FHR upper and lower limit alarm
- 6 kinds of printing mode, print paper size 112 mm
- Built-in high resolution and long-life thermal printer
- Automatic diagnosis, reforming Fischer score
- Doctor event mark, built-in expert dictionary
- 1200 hours data and waveform storage and review
- Wire connect to central monitoring system

Technique Specification

- **FHR**

  Ultrasound frequency:1.0MHz
  FHR range: 40-240bpm
  Ultrasound intensity:<5mW/cm²
  Resolution:1 bpm
  Accuracy: ±2 bpm

- **TOCO**

  Range:0-100%
  Resolution:1%

  Fetal Movement
  Manual fetal movement mark

  Power Supply
  AC 90V-240V,50/60 Hz
  Battery: 7.4V 4000Mah

Fetal Monitor | F10





Features

- 10”LCD touch screen, folding 60 degree
- High sensitivity,10 chips 1MHz digital pulse transducer
- LE MEDICAL® DSP technology
- Twins monitoring function option
- Display waveforms and digital simultaneously
- FHR upper and lower limit alarm
- 6 kinds of printing mode, print paper size 112 mm
- Built-in high resolution and long-life thermal printer
- Automatic diagnosis, reforming Fischer score
- Doctor event mark, built-in expert dictionary
- 1200 hours data and waveform storage and review
- Wire connect to central monitoring system

Technique Specification

- **FHR**

  Ultrasound frequency:1.0MHz
  FHR range: 40-240bpm
  Ultrasound intensity:<5mW/cm²
  Resolution:1 bpm
  Accuracy: ±2 bpm

- **TOCO**

  Range:0-100%
  Resolution:1%

  Fetal Movement
  Manual fetal movement mark

  Power Supply
  AC 90V-240V,50/60 Hz
  Battery: 7.4V 4000Mah

Ultrasound Imaging System

cUT10A







Technique Specification

- Screen Size:12inchTFT color LCD
- Display mode:B,B+B,B+M,M,4B
- Imagegray scale:256 Scale
- Cinelcop >500 Cinelcop
- Image storage:64 Images
- Scan angle:Adjustable
- Scan depth:40mm-240mm
- Image fip:Up/down.Jettight, black/ white
- Peripheral Part:USB port,VGA port, Video Port
- Power Supply:AC110~240V,50/60 Hz
- Image Process:GAMA, ImageSmoothen,THH,Histogram,Zoom
- Focus:FocusNumber,Focuspositon,Focusspace
- Weight:4.1Kg
- Productdimension:330mm*245mm*56mm

- **Sandard Configuration**

  MainUnit:Convex Probe 96E/R60/3.5MHz

  AC-Adaptor:Rechargeable Battery

- **Optional**

  R13/6.5MHz Transvagina

  R20/5.0MHz Micro Convex

  Trolley Cart

  ProbeL40/7.5MHz Linear

  SONYVideo Printer

  Biopsy Brackets

Automatic External Defibrillator

AED 03





Features

- Easy operate: simple design, combined with voice prompts, allowing non professionals to quick operation.
- Automatically analyze the patient's heart rhythm and determine whether electrical shock is needed.
- Quickly provide electrical shock, or defibrillation to re-establish an effective heart rhythm.
- Convenient to carry: small size and light weight.
- Reduce the risk of delayed treatment caused by waiting for emergency personnel.
- Significantly improve the survival rate of patients with cardiac arrest.
- Wide applicability: suitable for cardiac arrest caused by various reasons, such as ventricular fibrillation.

Technique Specification

- Output:Biphasic Truncated exponential
- Energy Sequence(child):10J-150J (option)
- Energy Sequence(Adult):100J-360J (option)
- Charge Time
  4 sec. to 200J
  7 sec. to 360 J(New battery)

- Analysis Time:6 sec
- The maximum time from the initiation of rhythm analy-sis to readiness for discharge with a new battery:Less than 10seconds
- The maximum time from the initiation of rhythm analy-sis to readiness for discharge after 6 shocks:Less than 10seconds
- The maximum time from initially switching power on toreadiness for discharge:Less than 15 seconds

- Output Energy Accuracy:±10% into any impedance from 25Ω to 175Ω
- The Maximum Voltage:2000V±50V
- Output disabled when the patient impedance is outsidelimits:20Ω to 200Ω

Automatic External Defibrillator

AED 100





Features

- Easy operate: simple design, combined with voice prompts, allowing non professionals to quick operation.
- Automatically analyze the patient's heart rhythm and determine whether electrical shock is needed.
- Quickly provide electrical shock, or defibrillation to re-establish an effective heart rhythm.
- Convenient to carry: small size and light weight.
- Reduce the risk of delayed treatment caused by waiting for emergency personnel.
- Significantly improve the survival rate of patients with cardiac arrest.
- Wide applicability: suitable for cardiac arrest caused by various reasons, such as ventricular fibrillation.

Technique Specification

- Output:Biphasic Truncated exponential
- Energy Sequence:150J、150J、200J
- Charge Time
- 8 sec. to 150J
  10 sec. to 200J(New battery)

- Analysis Time:9 sec
- The maximum time from the initiation of rhythm analy-sis to readiness for discharge with a new battery: Less than 20seconds
- The maximum time from the initiation of rhythm analy-sis to readiness for discharge after 6 shocks:Less than 25seconds
- The maximum time from initially switching power on toreadiness for discharge:Less than 30 seconds

- Output Energy Accuracy:±10% into any impedance from 25Ω to 175Ω
- The Maximum Voltage:1200V±50V
- Output disabled when the patient impedance is outsidelimits:20Ω to 200Ω

CPR Machine | cCR10A





Features

- Color Screen with Real-Time Feedback: Provides instant updates on performance.
- Adjustable Parameters:Customize compression depth frequency and mode for personalized treatment and scientific research.
- Easy Device Access: Bluetooth for convenient data management.
- Mild Start: Provides adequate time for the body to adapt to compression, reducing the risk of fractures.
- 3D Compression: Combines the benefits of cardiac and thoracic pumps, minimizing the impact of compression.
- Chest circumference: 70 cm to 150 cm.The use of the CPR System is not limited by the patient's weight.

Technique Specification

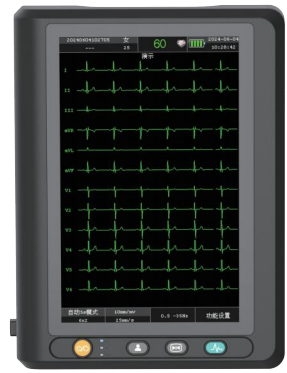
- Pressing drive mode: electric control
- Pressing frequency: 100-120bpm,accuracy:±1bpm.
- Pressing depth: 30-55mm,accuracy:±2mm.
- Level of water proof products:IP33
- Press/release ratio was 50%(1:1), accuracy:±5%.

- Single package size: 37*28*36cm
- Single gross weight: 3.2 KG
- 4 unit per carton, package size: 58*39*75cm
- Total gross weight 20 KG

Electrocardiograph | ECG1210







Features

- 12.1-inch color LCD display, touch operation, 12-lead synchronous acquisition, same-screen display
- Support the output of protocol files：PDF、GDT、FDA-XML、DICOM、SCP、HL7, smooth connection with HIS system.
- Advanced anti-baseline drift technology, stable baseline and fast wave output
- High sampling rate, support pacing sampling
- Large-capacity lithium battery, long battery life and continuous working time
- Eye-catching function keys for quick operation, full digital keyboard design

Technique Specification

- Lead:Standard 12 leads
- Acquisition Mode:Synchronous 12-lead automatic acquisition
- Sampling rate:16, 000 Hz
- A/D Converter:24 bits
- Frequency response:0.01～300Hz
- Polarization-resistant voltage:± 600 mV
- Low-pass Filter: 75 Hz, 100Hz, 150Hz, 270Hz, and 300Hz.
- EMG Filter: 25 Hz / 35 Hz / 45Hz
- Baseline drift Filter: 0.01 Hz, 0.05 Hz, 0.32 Hz, and 0.67 Hz.
- CMRR:≥120dB (add AC Filter)
- Input Impedance:≥50MΩ (10Hz)
- Operation mode:Automatic, Manual, Rhythmic, 1 minute 1 lead
- Data transmission:Support wired and 5G/2.4G WIFI
- Paper specification:210mm * 140mm thermal printing paper
- Recording mode:Thermal printing system
- Support :USB laser printer
- Memory:1000 cases
- Wave Gain/Sensitivity:2.5mm/mV，5mm/mV，10mm/mV，20mm/mV，10/5mm/mV，40mm/mV
- Wave/ Paper speed :5mm/s ,6.25mm/s,10mm/s,12.5mm/s,25mm/s,50mm/s（±3%）
- AC:100~230V, 50/60Hz,
- DC :14.8V, 2200mAh, 36.00Wh, built-in lithium battery

Electrocardiograph

3 Channel ECG machine ECG301
6 Channel ECG machine ECG601



Specifications

- 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
- Built-in rechargeable Li-ion battery

Electrocardiograph

3 Channel ECG machine ECG302
6 Channel ECG machine ECG602



Specifications

- 5 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
- Built-in rechargeable Li-ion battery

Electrocardiograph

12 Channel ECG machine ECG1201



Specifications

- 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 measurements 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, opened, in PC via ECG playback software.



Video Laryngoscope | VL3R1





Features

- 3.5-inch LCD display
- Reusable blades: durable aluminum alloy
- IPX8 waterproof grade design, and support immersion disinfection
- Lightweight and portable
- Faster installation and intubation
- High-definition: display with full view has high performance visualization capabilities for every intubation
- One-click button for photography and video recording
- Built-in rechargeable li-ion battery

Technique Specification

Laryngoscope Camera

Resolution:1 megapixel
Video Angle: 65°
Ilumination Brightness ≥800

Display

Size: 3.5 inch full view
Monitor: LCD
Resolution Ratio:640X480RGB
Aspect Ratio: 4:3
Video refresh Rata: 30FPS
Illumination: LED

Charging interface

Type-C Optional

Battery

Rechargeable lithium battery
3 hours of continuous work
Voltage 3.7V
Capacity 2000mAh
more than 300 timesCharging time: 2.5-3 hours

Handle

Comfortable ergonomic short handle design

Data output

8~ 32G Memory Card

Infusion System | sSP/sIP/sDS/sMS







Features

- 7 inches touch screen easy for operation
- Friendly UI up to 78% operations can be set
- Open window design easy for clean and monitoring
- Multi-materials support more than 50 types
- Drug information can be customized by different color and level
- Search and select different drug in simple categories
- Display alarm clearly when reach the limit;

Technique Specification

- Volume range:0.1ml~10000ml
- Applicable Syringe:Various brands of sterile syringe: 5/6ml, 10/12ml, 20ml, 30/35ml, 50ml/60ml.
- Applicable Syringe :Various brands of sterile syringe: 5/6ml,10/12ml, 20ml, 30/35ml, 50ml/60ml.
- Injection modes: speed mode, time mode, weight mode, microscale mode, sequence mode, first dose mode, intermittent injection mode, gradient mode, dose/time mode
- Battery:Internal rechargeable Lithium battery.7.4V 2200 mAh，100~240V,50/60Hz.
- Alarm:Pipeline blockage, Syringe emptying， Syringe detachment，Claw clamp abnormality, Extension tube detachment, Infusion completed，No syringe installed, System malfunction， Battery depletion
- Injection speed setting： 0.1～2300mL/h with a resolution of 0.1mL/h

Feeding Pump

NP100



Syringe Pump

SP02



Specifications

- 3.5 inch color touch screen for easy operation and clear vision
- Compact and lightweight design for easy carrying and mounting
- User friendly interface with audible and visual 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

Infusion pump

IP01



Specifications

- 4.3 inch color touch screen for easy operation and clear vision
- Compact and lightweight design for easy carrying and mounting
- User friendly interface with audible and visual 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

Syringe pump

SP01



Specifications

- 4.3 inch color touch screen for clear vision
- Simple rate mode with one key start , easy to operate
- Compatible with various brands of syringe
- Various infusion modes to meet different clinical requirements
- User friendly interface with audible and visual alarm system
- Rechargeable lithium battery can work continuously for around 5 hours

Blood Pressure Monitor

LX01



Handheld oximeter

P01



Specifications

- Compact and potable design
- Numeric display with plethysmogram display
- 1.77 inch TFT LCD, displayable in big font and big screen
- Adjustable audio and visual alarm
- Built-in Li-ion Battery for up to 8 hours

- ***Specification***
  Range: 0-100%
  Accuracy: ±2% at 70-99%
  0% - 69%: Unspecified

- ***Pulse Rate:***
  Range: 30bpm ~250bpm
  Accuracy: ±2% at 30-250bpm

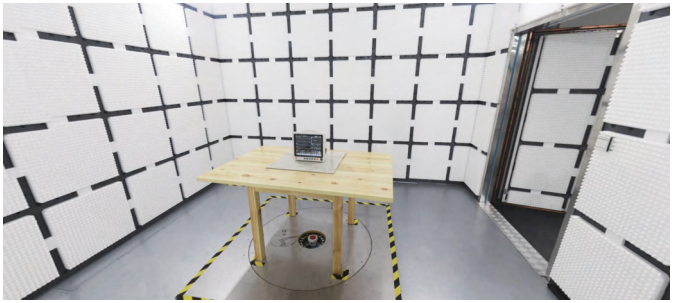
Manufacturing Workshop/R&D department

Manufacturing Workshop



Aging Laboratory











Electromagnetic Compatibility Laboratory









Mold/Metal Processing Center