BritiCore Medical Devices Catalog

BritiCore

Our mission
To support and reassure those who protect lives.

Our Vision
To become a leading international brand in the healthcare industry.

Our Values
- Customer first
- Talent-focused
- Committed to excellence
- Always prepared, even in peace

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BritiCore

BRITICORE LTD

is a United Kingdom-based medical equipment manufacturer, committed to delivering high-quality healthcare solutions that meet international standards. Headquartered at College House, 17 King Edwards Road, Ruislip, London, the company specializes in the design, development, and manufacturing of a wide range of medical devices used across hospitals, clinics, and healthcare facilities worldwide.

BRITICORE LTD holds a Certificate of Compliance under the EU Medical Devices Directive 93/42/EEC (MDD), Annex II, issued by UKAF CERT Limited, which ensures adherence to stringent quality and safety requirements. The company's certified product portfolio includes:

- **Digital electrocardiographs.**
- **Patient monitors.**
- **Ultrasonic diagnostic equipment.**
- **Hospital beds (manual and electric).**
- **Anesthesia workstations.**
- **Infusion and syringe pumps.**
- **Fetal and maternal monitors.**
- **Phototherapy and incubators.**
- **Surgical lamps and operating tables.**
- **Pulse oximeters and defibrillators.**
- **Blood warmers, Doppler systems, and more.**

With a focus on innovation, safety, and compliance, BRITICORE LTD continuously invests in quality control and regulatory conformity to ensure its products support the delivery of advanced and reliable medical care.

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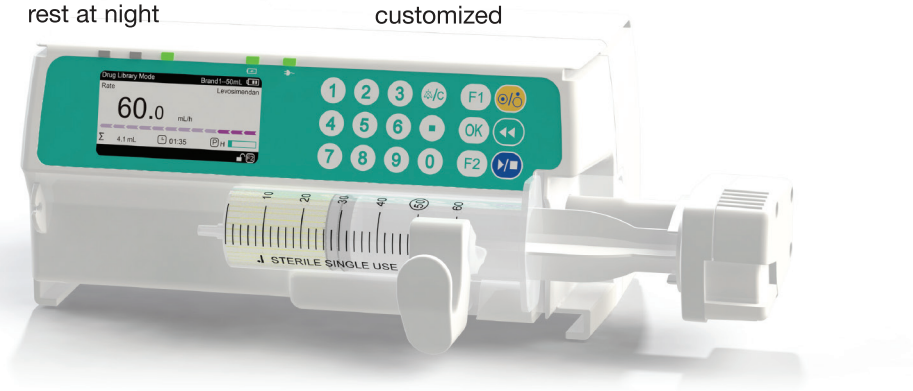
Syringe Pump SPA112

Numeric setting key for user friendly and easy operation, less than 5 mins operator can get how to use

Automatic identify different syringe size from 5ml to 60ml

One-button night mode design for patient better rest at night

Drug library and Event Log 2000+ and can be customized



Multiple infusion modes of Rate mode, Rate-Time mode, Rate Volume mode, Body weight mode, Drug library mode to meet different clinical use

Dynamic pressure detection, more intelligent more safer

Stackable design meet in different wards especially in ICU,CCU,NICU & OT etc.

Function	Technical Specification
LCD	2.8 inch LCD numeric key button
Stackable	YES
Infusion Mode	Rate Mode, Rate-Time, Rate-VTBI,Time-VTBI, Body Weight,Drug Library
Syringe Size	5,10,20,30,50ml, automatic detection of size
Safety	Double CPU to guarantee higher reliability & accuracy
Accuracy	±2%
Time Preset	00: 01~99: 59（Hour: Min）
Volume Range	0.1~9999 ml
Flow Rate Step by	0.1 ml/h
Flow Rate Range	5ml Syringe 0.1ml/h-150ml/h ; 20ml Syringe 0.1ml/h-600ml/h;
	50ml Syringe 0.1ml/h-1200ml/h
Flow Rate Range	5ml Syringe, 150ml/h; 20ml Syringe, 600ml/h;
	50ml Syringe 1200ml/h
Time Preset	Auto Self-Test, Syringe Dislocation, Occlusion, Near End, Syringe Empty, VTBI Completion, Low Battery, Battery Exausted, Motor Malfunction, Incorrect Syringe Specification, Circuit Malfunction, Master MPU Malfunction, Monitoring CPU Malfunction, Parameters Over Limitation, A.C Disconnection, A.C connection
KVO	0.1-5.0ml/h Adjustable
Occlusion Pressure	Low 40KPa ± 20KPa Middle 60KPa ± 20KPa High 100KPa ± 20KPa
Internal Battery	Lithium battery, 10.8/2200mAh, ≥8 hours working back up
Power Supply	30VA, AC100-240V, 50Hz/60Hz
Classification	Class II,type CF,IPX4
Dimension & Weight	26*21.5*11cm, 2KG
Optional Function	Ambulance DC12V, WIFI, Language customization

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Infusion Pump IPA112

Numeric setting key for user friendly and easy operation, less than 5 mins operator can get how to use

Open system to match different brands of I.V sets

One-button night mode design for patient better rest at night

Dynamic pressure detection, more intelligent more safer

Multiple infusion modes of Rate mode, Rate-Time mode, Rate Volume mode, Body weight mode, Drug library mode to meet different clinical use

Drug library and Event Log 2000+ and can be customized

Function	Technical Specification
LCD	2.8 inch LCD numeric key button
Infusion Mode	Rate Mode, Rate-Time, Rate-VTBI, Time-VTBI, Drop Mode, Body Weight, Drug Library Mode
Infusion Principle	Fingertip Peristaltic Pump
I.V.Set Compatibility	Open System, match all brands of qualified PVC,TPE I.V.sets with external diameter of 3.8mm-4.2mm
Range of Flow Rate	0.1-1200ml/h
Flow Rate Step by	0.1 ml/h
Purge/Bolus Rate	1-1200ml/h, default 800ml/h, step by 1ml/h
Single Bolus Volume	1.0-10ml Adjustable, default 3 ml
Time Preset	00:01~99:59（Hour: Min）
Volume Range	1~9999ml
Drop Range	1-400d/min, step by 1 drop
Accuracy	±5%
Air in line Detection	Ultrasonic wave, Upper detection
Visible & Audible Alarms	Air in line,Occlusion, Door Open, VTBI Completion,Near Completion, Low Battery,Battery Exhausted, Low Temperature, Motor Malfunction, A.C Disconnection, A.C connection, I.V set dislocation, MPU Error, Battery Charing, Battery Charing Completion, Circuit Malfunction
KVO	1ml/h-5ml/h, default value 1ml/h, can be programmed by user step 0.1ml/h
Occlusion Pressure	Low 40KPa ± 20KPa Middle 60KPa ± 20KPa High 100KPa ± 20KPa
Internal Battery	Lithium battery, 10.8/2200mAh, more than 4 hours working back up
Power Supply	30VA; AC100V-240V 50HZ/60HZ
Classification	Class II, type CF, IPX4
Dimension & Weight	13*17.5*23cm, 2KG
Optional Function	Ambulance DC12V, WIFI, Language customization

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ECG Machine PE-E12B

Ergonomic Design

Ergonomic and practical design offers clinicians the best user experience.

High accuracy digital filter, automatic baseline adjustment

The design keyboard greatly streamlines the workflow

10.4 inch touch screen brings accurate diagnostic display and efficient operation

USB / UART ports support USB storage

thermal printer can accurately trace each dot of ECG waveform

Multiple language and a variety of peripherals

Handle design

10.4inch

USB&LAN multifunctional connect port

Adapt to 110-230 V,50/60 Hz power supply Built-in rechargeable Li-ion battery 4400 mAh

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MULTIPARAMETER PATIENT MONITOR

PM-LP15A

> 15inch LCD screen display.
> Various interfaces: large font, full/half screen seven channel, ST, QRS analysis.
> Long time data storage, review of patient history.
> Stand function: ECG, NIBP, SpO2, RESP, 2-TEP
> Optional: IBP modular, Etco2 modular, BIS modular, AG module, Necllor Spo2, Touch screen, Inside recorder.
> Central monitoring system and supports other bed observation functions.

TECHNICAL SPECIFICATIONS

Quality Standards and Classification

- CE, ISO13485
- SFDA: Class b
- Anti-electroshock degree: Class equipment (internal power supply)
- TEMP/SpO 2 /NIBP: BF
- ECG/Resp: CF

Application Range

- Adult/Pediatric/Neonatal/Medicine /Surgery/Operating Room/ICU/CCU

Display

- 15" real color TFT screen
- Resolution:1024x768
- One alarm indicator(yellow/red)
- One working indicator(green)
- One battery charge stateindicator(green)
- Three modes in accordance with the alarm state

ECG

- 5 Leads: RA, LA, LL, RL, V
- Lead mode: , , , aVR, aVL, aVF, V
  Increase: ×250 , ×500 , ×1000 , ×2000
- Sensitivity: > 200 uV (Peak-to-peak value)
- Input impedance: > 5 (megohm)
- Bandwidth: Surgery 1 ~ 20 Hz
- Monitor 0.5 ~ 40 Hz
- Diagnostic 0.05 ~ 130 Hz
- CMRR 100dB
- Polarization Voltage: ± 300mV
- Baseline Recovering Time: After defibrillation< 3 seconds
- Signal Range: 8 mV （Peak-to-peak value ）
- Calibrating Signal: 1mV, precision ±5%
- Heart rate range： 15-380bmp
- Heart rate accuracy:+/-1%

SpO2

- Range: 0 ~ 100%
- Resolution: 1%
- Precision: 70% ~ 100%: ±2 DIGIT
  0% ~ 69%: ±no definition given

TEMP

- Channel 2
- Measure & alarm range: 0 ~ 50
- Resolution: 0.1
- Precision (no sensor): ±0.1

IBP (Optional)

- Label ART, PA, CVP, RAP, LAP, ICP, P1, P2
- Measuring and alarm range
- ART 0 ~ 300 mmHg
- PA -6 ~ 120 mmHg
- CVP/RAP/LAP/ICP -10 ~ 40 mmHg
- P1/P2 -10 ~ 300 mmHg
- Press Sensor
- Sensitivity 5 uV/V/mmHg
- Impedance 300-3000
- Resolution: 1 mmHg
- Accuracy: ±2% or ±1mmHg, which great
- Actualization interval: about 1 Sec.

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MULTIPARAMETER PATIENT MONITOR

PM-LP15A TECHNICAL SPECIFICATIONS

Environment

Operating Environment :
- Temperature: 0 ~ 40
- Humidity: ≤85%
- Altitude: -500~4600m

Transport and Storage Environment :
- Temperature: -20~60
- Humidity: ≤93%
- Altitude: -500~13100m

Power Requirements

- AC: 100 ~ 240V, 50Hz/60Hz
- DC: Built-in rechargeable battery
- Battery: 5200mAh 11.1V lithium battery
  4h operating afterf ull charge(one piece)
  5min operating after low battery alarm

Dimension and Weight

- Equipment:
  300mm×286mm×155 mm(about);
  4.5kg(about)
- Package :
  350mm ×380 mm × 300mm(about);
  6.5kg(about)

Date Storage

- Trend diagram/table: 7x24h
- NIBP review: 400 events
- Wave review: 100min
- Alarm review: 100 alarm events
- Support drug concentration titration analysis

ST Segment

- ST Segment Range: -2.0mV ~ +2.0mV
- Accuracy: 0.02mV

Pulse Rate

- Range: 20 ~ 300bpm
- Resolution: 1bpm
- Precision: ±3bpm

RESP

- Method: RA-LL impedance
- Resp Impedance range: 0.3 ~ 3
- Base Impedance range: 200 ~ 4000
- Bandwidth: 0.1 ~ 2.5Hz
- Resp rate: Adult 0 ~ 120BrPM
- Neonatal/Pediatric 0 ~ 150BrPM
- Resolution: 1BrPM
- Precision: ±2 BrPM
- Asphyxia Alarm: 10 ～40 seconds

NIBP

- Method: Pulse wave oscillometry
- Work mode: Manual/ Auto/ STAT
- Measure interval of auto mode: 1,2,3,4,5,10,15,30,60,90,120,180, 240,480 minute(s)
- Measuring Time of STAT Mode: 5 minutes
- PR range: 30 ~ 250bpm
- Measure & alarm range: Adult
  SYS 40 ~ 270mmHg
  DIA 10 ~ 215mmHg
  MEAN 20 ~ 235mmHg
  Pediatric
  SYS 40 ~ 200mmHg
  DIA 10 ~ 150mmHg
  MEAN 20 ~ 165mmHg
  Neonatal
  SYS 40 ~ 135mmHg
  DIA 10 ~ 100mmHg
  MEAN 20 ~ 110mmHg
- Static pressure range: 0 ~ 300mmHg
  Precision: ± 3mmHg
- Pressure precision:
  Max. average error: ±5mmHg
  Max. standard deviation: ±8mmHg
- Overvoltage protection:
  Adult 300mmHg
  Pediatric 240mmHg
  Neonatal 150mmHg

CO2 (Optional)

- Side/Main stream
- Warm-up time:when the ambient temperature is 25 , the carbon dioxide curve(capnogram) can be displayed within 20/15 seconds, and all the specifications can be fulfilled within 2 minutes.
- Measurement range:0-150mmHg, 0-19.7%,0-20kPa (at 760mmHg), atmospheric pressure provided by the host.
- Resolution 0.1mmHg : 0-69mmHg
  0.25mmHg : 70-150mmHg
- Precision 0-40mmHg : ±2mmHg
  41-70mmHg : ±5%（reading）
  71-100mmHg : ±8%（reading）
  101-150mmHg : ±10%（reading）
- Respiratory rate range 0- 150 BPM
- Respiratory rate accuracy: ±1 BPM

Standard Accessories

- NIBP cuff & tube
- ECG cable & electrodes
- SpO2 sensor
- TEMP probe
- Lithium-ion battery
- Power cable
- Operator's manual

Optional

- Etco2
- C.O.modular
- BIS modular
- IBP modular
- Touch screen
- Trolley bracket
- Hanging bracket
- Monitor recorder
- Wifi

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MULTIPARAMETER PATIENT MONITOR

PM-LP15B

- > 15.6 inch color TFT LCD touch screen, support USB mouse operation.
- > Multi-interface selection: standard interface, 7-lead ECG full-screen interface, 7-lead ECG half-screen interface, OxyCRG, dynamic short-trend chard interface, big character interface and other bed observation interface.
- > Fast recovery of ECG abnormality less than 2s, support for anti-motion interference and anti-cardiac filter ringing interference.
- > 19 alarming modes, with dual front and rear alarm lights synchronized and adjustable alarm sound level.
- > Consistency deviation of NIBP measurement within ±5mmHg, shorten about 20 seconds measurement time, and the high-precision AD meeting the full-scale measurement range.
- > Low perfusion SpO2 algorithm, measurement index reaching to 0.075%, and outstanding motion resistance.

TECHNICAL SPECIFICATIONS

Working conditions	
Ambient temperature range	5°C～40°C
Relative humidity range	≤80°C
Atmospheric pressure range	860 hPa ~ 1060 hPa
External power supply	AC input 100 V -240 V～
	frequency 50 Hz/60 Hz
Input power	DC output 14.8V

Alarm and protection
High limit alarm of Heart rate
Low limit alarm of Heart rate
High limit alarm of Respiratory rate
Low limit alarm of Respiratory rate
High blood pressure alarm
Low blood pressure alarm
High limit alarm of blood oxygen saturation
Low limit alarm of blood oxygen saturation
High limit alarm of Pulse rate
Low limit alarm of Pulse rate
High and low limit alarm of T1 (Temperature probe)
High and low limit alarm of T2 (Temperature probe)
High limit alarm of $ETCO_2$ gas concentration
Low limit alarm of $ETCO_2$ gas concentration
High limit alarm of Airway breathing rate
Low limit alarm of Airway respiratory rate
Apnea alarm

Main technical parameters	
Heart Rate (HR) Monitoring	Adult: 15 bpm to 300 bpm
	Pediatric: 15 bpm to 350 bpm
Respiratory rate (RR) monitoring	0 rpm～120 rpm
Blood pressure monitoring	
Systolic blood pressure（SYS）	Adult: 40 mmHg-270 mmHg
	Pediatric:40 mmHg-200 mmHg
Mean pressure（MEAN）	Adult:20 mmHg-230 mmHg
	Pediatric:20 mmHg-165 mmHg
Diastolic blood pressure（DIA）	Adult:10 mmHg-210 mmHg
	Pediatric:10 mmHg-150 mmHg
Blood oxygen saturation (SpO_2) monitoring	0% to 100%
Pulse rate (PR) monitoring	25 bpm～250 bpm
Body temperature (TEMP) monitoring	0°C～50°C
End-tidal CO_2 gas concentration monitoring	0%～19.7%
Airway respiration rate monitoring	0 rpm～150 rpm

Monitoring function
Electrocardiogram monitoring (ECG)
Respiratory Rate Monitoring (RESP)
Non-invasive blood pressure monitoring (NIBP)
Blood oxygen saturation monitoring (SpO_2)
Pulse rate monitoring (PR)
Temperature Monitoring with dual-channel (TEMP)
Airway respiratory rate monitoringg
$ETCO_2$ monitoring (Sidestream / Mainstream Optional)

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Blood and Infusion Warmer HF-110B

TECHNICAL SPECIFICATIONS

Item	Specification
Temperature Setting	°C:32°C~42.0°C; °F:86.9°F~107.6°F
Temperature Deviation	°C: ≤ ± 1°C; °F: ≤ ± 1.8°F
Temperature Increment	°C:0.1°C; °F:0.2°F
Optional Unit	°C, °F
Warming Up Time	<4min
Overheat Protection	50 ± 5°C, hardware and software protection
Alarm	Overheat, low temperature, system error, over time, warming up alarm
Blood/IV Sets	Standard single use PVC blood/IV tubes (diameter:3.5-7mm, applied different heating profiles)
Display	46x72mm
Heating Way	Dry silicone heating profile
Mute Time	2mins

Item	Specification
Heating Profiles	IV tubes with diameter 3.5-7mm connection to heating profile 60, 90,100,120,140cm optional
Heating Time	00h00min~99h59min
Power Supply	100~240V,50/60HZ
Power Consumption	60VA
Operation Environment	Temp.: +5°C-+30°C; Relative Humidity: 20%-93%; Atmosphere : 70.0kPa-106.0kPa
Transportation and Storage Environment	Temp.: -20°C-+55°C; Relative Humidity: 10%-93%; Atmosphere : 70.0kPa-106.0kPa
Degree of Protection against Ingress of Liquids	IPX4
Degree of Protection against Electric Shock	Class II, Type CF
Working Mode	Continuous heating
Dimensuin	140*110*170mm
Weight	0.86kg(1pc 120cm heating profile included)

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Fetal/Maternal Monitor L8P

Features

- 12.1inch touch screen, Android system.
- Built-in longtime 150mm thermal printer, supporting HP Laser printer.
- Sensitive probe, DSP technology, accurate and reliable FHR monitoring.
- Longtime data storage and printout.
- Rechargeable battery support longtime working.
- Automatic Fetal Movement Detection and Accounting.
- CTG scoring system: Krebs score/Fischer Score/NST.
- Short time variance analysis.
- Clinical event analysis.
- Wired/Wireless networking capability.
- Twins FHR overlap alarming.
- Fetus signal strength indicator.

Specifications

FHR working frequency:	1.0MHZ
Strength:	< 5 mW/cm^2
Transducer:	Multi-crystals, wide wave beam, pulsed-wave working mode
TOCO Range:	0 - 100 units
Display:	12.1"TFT touch screen
Dimension:	350D X 320D X85H (mm)
Net Weight:	3.5kg
Options:	Twins FHR measurement Fetus waker Connection with L8T32 wireless box

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Imaging Orthopedic Operation Table DST-700G

DST-700G Electric orthopedic navigation image operation table, for the expansion of minimally invasive treatment to improve surgical accuracy with modern medical diagnostic imaging technology, stereotacticl designed. and product design ergonomic characteristics of human anatomy, application of modern technologyl and user-friendly design philosophy, can meet the requirements of neurosurgery, spinal surgery, ENT, plasticl surgery, radiosurgery and 3D imaging. The operation table adopts the imported micro-motor, with electricl gear mesh mechanism structure instead of the traditional hydraulic transmission. The table top adopts the carbon fibre material, with low x-ray absorption, reduces the radiation damage of x-ray to the patients and paramedic. 1150mm length for table top without metal(full carbon fiber), meet the requirement for 3D amd 360°X-ray

Specification	Datas	
Bed panel size(Carbon fiber)	(2400*530) ± 10mm	One keep reset function
Max Height	1000 ± 20mm	Battery Optional
Min Height	700 ± 20mm	Standard accessories
Route of longitudinal movement	280 ± 20mm (Electric)	Y-001 Mattress
Head tilt angle	25° ± 20° (Electric)	Y-002 Controller
Foot tilt angle	25° ± 2° (Elrctric)	Y-003 Lateral support
Left side leaning angle	21° ± 2° (Electric)	Y-004 carbon fiber arm support
Right side leaning angle	21° ± 2° (Electric)	Y-005 Fixed belt
Back section up	65° ± 2° (Electric)	Y-006 Anaesthesia screen
Back section down	20° ± 2° (Electric)	Y-007 Leg support
Leg section up	35° ± 5° (manual)	Y-008 Carbon fiber head frame
Leg section down	90° ± 5° (manual)	Y-008 Detachable edge rail
Head section up	45° ± 5° (manual)	P-001 Lock block/ clamping block
Head section down	90° ± 5° (manual)	
bed body locking	Electric	
Power supply (dual purpose)	AC:220V 50Hz 300VA /DC:24V	
Net weight	300kg	
Bed panel X-ray attenuation coefficient(Optional)	≤ 0.44 mm AL	

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Obstetric Delivery Bed DST-3004B

Specification	Datas
The length and width of bed surface	1800x600mm
Adjustable range of height	Min 650mm, max 895mm
Back board	600x800mm
Seat board	600x400mm
Leg board	540x500mm
Max angle of back board	Up ≥ 75°, down ≤ 6°
Max angle of forward and backward	Forward > 10°
Backward	>25°

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LED Operation Lamp YDE700/700

Parameters	700 head	700 head
Illumination Intensity (lux)	40000 ~ 160000Lux	40000 ~ 160000Lux
Color Temperature (K)	3000 ~ 5000	3000 ~ 5000
Color Rendering Index (Ra)	≥ 98	≥ 98
Special Color Rendering Index (R9)	≥ 98	≥ 98
Special Color Rendering Index (R13/R15)	≥ 99	≥ 99
Diameter of Light Spot (mm)	120 - 350	120 - 350
Illumination Depth (mm)	≥ 1500	≥ 1500
Lamp Head Power (VA)	180	180
LED Service Life (h)	≥ 60000Hour (s)	
Global Voltages	100 - 240V 50/60 hz	

Item	HD Camera Parameters
Resolution (Horizontal x Vertical)	2,000,000 (1080 x 1920)
Electronic Shutter	1/50~1/10, 000s
Exposure Mode	Auto compensation
White Balance	Auto(3,000° K~8,000° K)
Optical Lenses	10x Optical Zoom
Horizontal resolution	1000TVL

Item	4K Camera Parameters
Resolution	800M/4K 20X optical zoom
Senser	800M/4K Msrar + 1/2.8 Sony MX415
Video processing	H265/H264 video coding, Support dual stream, AVI and stream 0.1M-6Mpbs
Lens	20X Zoom 4.7^96mm zoom lens
Intensity	Color 0.01Lux@F1.2, Black & White 0.001Lux@F1.2
Video output	800734k (3840x2160)
Communication mode	Wireless
Wireless transmission	Supports long-distance transmission of extremely clear images
Lens magnification	Support PELOC (D) TCP Baud rate 9600
Protocol	Support ONVIF, RTSP

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Defibrillator Monitor - Defi Xpress

Specification

Display

Display Type:8 inch high resolution LCD display
Sweep Speed:25mm/sec
Information:HR,Lead/Pads,On/Off Alarm,SpO2,AED Functions and Prompts,Alarm Selection and Limits,Delivered Energy.

Defibrillator

Waveform:Biphasic
Charge Time:5 seconds with a new fully charged battery.
Energy Display:Monitor display indicates both selected and delivered energy.
Charge Prompt Type:Voice and visual prompts.
Electrode Impedance Measurement Range:0-250 ohms.

ECG Monitoring

Patient Connection:5-lead ECG cable,or 3-lead ECG cable,paddles.
Lead Selection:Displayed on monitor,paddles,I,II,II,AVR,AVL,AVF,V.
ECG Size:0.25,0.5,1,1.5,2,4 cm/mV diplay on monitor.
Heart Rate:20-300BPM.
Heart Rate Alarm:On/Off displayed on monitor,user-selectable.
Smart Alarms:Beeper/voice prompts indicate shockable rhythm.

Defibrillator Monitor - Defi Xpress

Recorder

Paper:50mm thermal.
Speed:12.5mm/sec,25mm/sec,50mm/sec.User-selectable 6-second delay.
Printing Method:High-resolution,thermal print head.
Print-out Modes:Manual or automatic,user-configurable.
On/Off Control:Front panel and paddle.
Automatic Function:9-seconds recording initiated by alarm activation or defibrillator charge or defibrillator discharge.

Battary

Type:Rechargeable,Ni-MH battery,12V.
Operating Time:For a new,fully charged battery:60 defibrillator discharges at maximum energy,or 3 hours minimum of continuous ECG monitoring.
Additional parameters will effect operating time with different functions.
AED Mode
AED Function:Auto analyze and charge X3 with programmable auto energy level selection, screen prompts,and voice prompts.
Shockable Rhythms:Ventricular fibrillation with amplitude>=200UV,ventricular tachycardia with rates >=140bpm,
and QRS complex wave duration >=140ms.
Charge Control:Control on device front panel,press key on paddle.
Prompts:Voice and visual prompts.

Manual Mode

Energy Selection:Selectable at 2,5,7,10,20,30,50,70,100,150,200,300,360 joules.
5 Sec charging time in 360 joules.
Synchronized Mode:Synchronizes defibrillator pulse to patient's R-wave."SYNC"message displayed on monito

Anesthesia System S6200A

TECHNICAL SPECIFICATION

Ventilation mode
IPPV, A/C, PCV, PSV, SIMV, SIGH, MANUAL

Ventilator parameter range	
Flowmeter	O_2 (0.1 ~ 10 L/min)
	N_2O (0.1 ~ 10 L/min)
	AIR (0.1 ~ 10 L/min)
Rapid oxygen supply	25 L/min ~ 75 L/min
Tidal volume(Vt)	0, 20 mL ~ 1500 mL
Frequence （Freq）	1 /min ~ 100 /min
I:E	VTH 4:1 ~ 1:8　VTL 2:1 ~ 1:8
PEEP	0 cmH_2O ~ 30 cmH_2O
Pressure triggering sensitivity (PTr)	-20 cmH_2O ~ 0 cmH_2O (Based on PEEP)
Flow trigger sensitivity （FTr）	0.5 L/min ~ 30 L/min
Pressure control (PC)	5 cmH_2O ~ 60 cmH_2O
SIGH	0 (off) 1/100 ~ 5/100
Apnea ventilation	OFF, 5 s ~ 60 s
Pressure limit	20 cmH_2O ~ 100 cmH_2O

Oscillogram
P-T (pressure-time)
F-T (flow-time)
V-T (volume-time)
$ETCO_2$-T ($ETCO_2$ -time)
P-V loop (pressure-volume loop)
P-F loop (pressure-flow loop)
F-V loop (flow-volume loop)

Wooden case packing size
Wooden case packing size : L 1005 * W 960 * H 1700 mm
G.W. : 227 KG　　N.W. : 116.5 kg　　CBM : 1.64m^3

Alarm and protection	
The AC power failure alarm	Power failure or no connection
Internal battery backup low voltage alarm	< 10.2 ± 0.3 V
No tidal volume	≤ 5 mL within 6 s
High oxygen concentration alarm	19 % ~ 100 %
Low oxygen concentration alarm	18 % ~ 99 %
High airway pressure alarm	20 cmH_2O ~ 100 cmH_2O
Low airway pressure alarm	0 cmH_2O ~ 20 cmH_2O
High minute volume alarm	Adult (5 L/min ~ 20 L/min)
Low minute volume alarm	Paed (1 L/min ~ 15 L/min, 0 ~ 10 L/min)
Continuous pressure alarm	(PEEP+1.5 kPa) over 16 s
Suffocation warning	5 s ~ 60 s no spontaneous ventilation
The maximum limited pressure	≤12.5 kPa
Fan error	Show on screen
Oxygen deficit	Show on screen

Working condition	
Gas source	O_2, N_2O, AIR
Pressure	280 kPa ~ 600 kPa
Voltage	100 ~ 240 V
Power frequency	50/60 Hz

Monitoring parameter	
Frequence （Freq）	0 /min ~ 100 /min
Tidal volume (Vt)	0 mL ~ 2000 mL
MV	0 L/min ~ 100 L/min
Oxygen concentration	15 % ~ 100 %

Electronic flowmeter

High precision flowmeter, instantly know the fresh gas flow to patient.
O_2 and N_2O linkage device ensure O_2 concentration no less than 25%.

Vaporizer

Accurately delivers a calibrated flow, Halothane, Enflurane, Isoflurane, Sevoflurane for choice. Suitable for low flow anesthesia, save cost.

Breathing circuit

Integrated breathing circuit design.
Breathing tube resistants high temperature sterilization.
Ensure easy operating and keep tidy.

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