

PHOEBE/DIONA

Multi Parameter Patient Monitor

PHOEBE/DIONA multi-parameter patient monitor perfectly meet the needs of low -medium accuracy patient monitoring, and its ultra- light design makes it ideal for transferring and out-patient cares.

The fan-less cooling system and automatic brightness adjustment avoid disturbing patient rest from fan noise and screen light. Its various connecting port ensures the data transfer with the central monitoring station.

Thanks to the plug & play printer module, it's never been so easy to make the upgrade of printable monitor, and also the users can share a printer among different monitors. All these features made PHOEBE/DIONA ideal for various clinics and hospitals.



Features:

- High capacity lithium rechargeable batteries, operation time up to 2 hours.
- Central monitoring station supports the connection with up to 64 bedside.
- High capacity internal storage for 1500 hours trends or 4000 groups of data.
- Ethernet, WiFi and 3G connection for transfer data from anywhere and anytime.
- Plug & Play type thermal printer.
- Various connectivity ensures the data input and output.

PHOEBE/DIONA Specifications

Physical Specification

Dimensions: 335(W)x270(H)x200(D)mm
 Net weight: 3.5KG(Net Weight)

Display:
 PMS8300-B 10.4 inch LCD
 PMS8310-B 12.1 inch LCD
 (Touch screen optional)

Power Supply

External power: 100-240V 50/60Hz
 Internal battery: Rechargeable Li-ion
 2200mAh 11.1V DC

Battery working period:
 ≥2hours(2200mAh)

Recorder*

Plug & Play type
 Print out parameters and 3 selectable waveforms
 Paper width: 50mm
 Print Mode:
 Real-time, alarm, scheduled, freeze, review
 Print Speed:
 12.5mm/s, 25mm/s, 50mm/s
 Wave amplitude:
 5mm/mv, 10mm/mv, 20mm/mv

Data Storage

Graphic and Tabular Storage and Review: 168hours
 NIBP Record Storage and Review: 4000sets

NIBP

Method: Oscillometric
 Mode: Manual, Auto
 Measuring interval in auto mode:
 1-480 minutes
 Pulse Rate Range:
 30-240bpm

Measuring range:

Adult Mode
 SYS 40-255mmHg
 DIA 10-195mmHg
 MEAN 20-215mmHg

Pediatric Mode
 SYS 40-200mmHg
 DIA 10-150mmHg
 MEAN 20-165mmHg

Neonatal Mode
 SYS 40-135mmHg
 DIA 10-110mmHg
 MEAN

20-125mmHg Resolution: 1mmHg

Precision:
 Max average error: ±5mmHg
 Max standard error: 8mmHg
 Overpressure Protection:
 Adult 290mmHg
 Child 290mmHg
 Newborn 150mmHg

ECG

Leads: 3/5/12* leads, AHA/IEC
 Channels: 7 synchronization channels
 (I II III aVR, aVL, aVF, V)

Plus: 5mm/mV±5%,
 10mm/mV±5%
 Sweep rate: 12.5mm/s, 25mm/s, 50mm/s
 Range of heart rate monitoring:
 Adult: 20-300bpm
 Neonate/Pediatric: 20-350bpm

SpO2

Measuring range: 0-100%
 Resolution: 1%
 Precision:
 Adult/Pediatric: 70%-100% ±2%
 Neonatal: 70%-100% ±3%
 Pulse Rate:
 Measuring Range: 30-240bpm
 Resolution: 1bpm
 Accuracy:
 the bigger one between ±3% or ±3bpm

RESP

Method: The thorax impedance method(used with ECG leads)
 PR Measurement Range: 15-120rpm
 Resolution: 1rpm
 Precision:
 The bigger one between ±2rpm or ±2%
 Alarm:
 Audio and visual
 Alarm event re-callable

Temperature

Channel 2
 Method: Thermal
 Measuring and Alarm Range: 0-50 °C
 Resolution: 0.1°C
 Accuracy: ±0.2°C(25-45°C)
 ±0.3°C(0~25°C 45~50°C)
 Average Time Constant: < 10second

Network Connection

LAN Ethernet / WLAN / WIFI* /
 Telephony CDMA / GPRS*

I/O interface SD card socket

Product	Model	Configuration
PHOEBE Basic	PMS8300-B	10.4 inch LCD
	PMS8310-B	12.1 inch LCD
DIONA Basic	PMS8500-B	15 inch LCD

Remark: The items marked by "*" are optional.

PHOEBE/DIONA
 Multi Parameter Patient Monitor
Durable, reliable and affordable.



Better Life Medical Technology Co., Ltd.

Making Life Better

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