

MEDECO Vital Signs Monitor(NIBP/SPO2/TEMP) 3000F



Unique outline design, skillful and portable

Clear and bright color LCD with real time display and large LED display values

Intelligent Measuring of NIBP/SpO2/PR/PLETH/TEMP

Storage/Review trend data up to 129 hours and 3888 groups

Audio and visual alarm

Built-in rechargeable Li-ion battery, up to 4-hour power supply

Automatic shutdown for power saving

Unique Tele-monitoring and Synchronization retransmit function

Utility PC software package for long time real time monitoring, web transferring, history data uploading/review/print/storage.

Technical Specifications

1. General Specifications:

Size: 300mm×183mm×99mm

Net Weight: 1110g

Display Specification

Measurement Display: color LCD screen & LED

Power Supply Indicator: Dual-color LED (red/green)

Classification: BF type applied part

2. Power Supply

AC Power Adaptor:

Input: 100~240VAC, 50/60Hz

Output: DC 5V, 2A

Battery:

Li-ion rechargeable battery, 3.7V, 3Ahr

Operating Time: 4 hours with full battery capacity.

(Condition: 25°C, NIBP working period is 10 minutes)

Recharge Time: 8 hours

3. Environment

Temperature

Working: 0~45°C

Transport and Storage: -25~85°C

Humidity

Working: 15 ~95 %

Transport and Storage: 10 ~95 % (no condensation)

4. Monitoring Parameter

SpO₂

Measurement object: Adult, Pediatric, Neonate

SpO₂%

Measuring Range: 0~100%

Resolution: 1 %

Accuracy: 2 % (90~99%), 3 % (70~89%), unspecified (0~69%)

Pulse Rate

Measuring and Alarm Range: 30~250bpm

Resolution: 1bpm

Accuracy: 1bpm

NIBP

Measurement object: Adult, Pediatric

Method: Oscillometric

Mode: Manual, Auto, STAT

Measuring Interval in AUTO Mode: 1, 2, 3, 5, 10, 15, 20, 30, 45, 60 (min)

Measuring Period in STAT Mode: 5 min

Cuff Pressure Range: 0 ~300mmHg

Pulse Rate Range: 30~250bpm

Measurement Range: Adult 30~255mmHg, Pediatric 30~160mmHg

Over-pressure Protection: Adult 300mmHg, Pediatric 220mmHg

Pressure Resolution : 1mmHg

Temperature

Input: Body surface thermal-sensitive resistor temperature sensor

Measuring Range: 0~50°C

Accuracy: 0.1°C

5. Storage and Review

Maximum Data Quantity: 3888 groups