Qarah 3000 E/F | Vital Signs Monitor (NIBP/SPO2/TEMP)

Features:

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 and real time monitoring, web transferring, history data upload/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℃, NIBP working period is 10 minutes)
Recharge Time: 8 hours

3. Environment
Temperature
Working:0 ~ 45C
Transport and Storage: –25 ~ 85C
Humidity
Working:30 ~ 85 %
Transport and Storage: 30 ~ 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 Rage: 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℃
Accuracy: 0.1℃

5. Storage and Review
Maximum Data Quantity: 3888 groups