ESM8000A-T
Multi-parameter patient monitor
Physical Specifications
Size: 318mm x 264mm x 152mm
Weight: 4.5kg

Power Specifications
Input voltage: 100V-240V AC
Frequency: 50Hz/60Hz
Standard requirement: According to IEC 60601-1 and IEC 60601-1-2

Display
Type: Color TFT LCD
Size: 10.4"
Resolution: 800 x 600 pixels or higher

Recorder
Type: Thermal dot array
Horizontal resolution: 16 dots/mm (at 25 mm/s paper speed)
Vertical resolution: 8 dots/mm
Paper width: 30 mm
Paper length: 15 m
Recording speed: 12.5 mm/s, 25 mm/s, 50 mm/s
Recording waveform: Maximum 3 tracks

Battery
Type: Rechargeable Lithium Ion battery, 11.1V/4.0AH
Operating time: Under the normal use and full charge ≥ 240 minutes (2 batteries for 480 minutes)

Data Storage
Trend data: Long trend (480 minutes)

ECG
Lead types: 3 lead: I, II, III
5 lead: I, II, III, aVR, aVL, aVF, Vx

PR
Measurement range: 20 bpm to 300 bpm
Accuracy: ±2 bpm

Respiratory
Accuracy: ±3 bpm

Temperature
Measurement range: -50.0°C (32°F) to 25.0°C, ±0.1°C (not including the probe)
Unit: Centigrade (°C), Fahrenheit (°F)

Blood Pressure (IBP)
Accuracy: ±5 mmHg
Measurement range: 0 mmHg to 40 mmHg

SpO2
Measurement range: 0% to 100%
Accuracy: ±2% (adult/pediatric)

Others
Standard configuration
Touch Screen, 3/5 Lead ECG, HR, RESP, NIBP, SPO2, PR, 2-TEMP, Lithium Battery, 12V DC input.

Option
2-IBP, Masimo SpO2, Nellcor SpO2, ECO2 (Side Stream, Main Stream, Micro Stream), Thermal Recorder, WiFi module, VGA output.