ESM9000A-T
Multi-parameter patient monitor
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Physical Specifications
Size: 318mm×284mm×152mm
Weight: 4.5kg

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

Display
Type: Color TFT LCD
Size: 12.1"
Resolution: 800×600 pixels or higher

Recorder
Type: Thermal dot array
Horizontal resolution: 16 dots/mm
Type: Color TFT LCD
Resolution: 800×600 pixels or higher
Size: 12.1"

Battery
Type: Rechargeable Lithium ion battery, 11.1V/4.0AH
Weight: 4.5kg
Size: 318mm×264mm×152mm

Data Storage
480 minutes
Operating time under the normal use and full charge: ≥ 240 minutes (2 batteries for 480 minutes)

Recording waveform: Maximum 3 tracks
Recording speed: 12.5 mm/s, 25 mm/s, 50 mm/s
Paper length: 15 m
Paper width: 50 mm

Accuracy:
Measurement range: 0% to 100%
PR: ± 3 bpm (motion conditions)
± 5 bpm (non-motion conditions)
Accuracy: ± 2 bpm, whichever is the greater

Measurement range: 0% to 69%, unspecified
Accuracy: ± 3%

NIBP
Measurement Range:
0 mmHg to 40 mmHg: ± 2 mmHg
41 mmHg to 70 mmHg: ± 5% of reading
71 mmHg to 100 mmHg: ± 8% of reading
101 mmHg to 150 mmHg: ±10% of reading
(760 mmHg, temperature is 25°C)

Swept speed: 6.25mm/s, 12.5mm/s, 25mm/s
Gain: ×0.25, ×1
Lead type: Selected from: (RA-LA) or (RA-LL); (Default: )

Measurement method: Infrared spectrum
Kinds of Measurement: ART, PA, CVP, RAP, LAP, ICP

IBP
Measurement range of awRR: 0 rpm to 150 rpm
Accuracy: <5.0 %, ±0.3 % (±2.0 mmHg)
≥5.0 %, ±10 % of the reading

Mainstream CO2
Measurement range: 0% to 19.7 % (0 mmHg to 150 mmHg)
Resolution: 0.1 % or 1 mmHg
Rise time: <60ms
Unit: %, mmHg, kPa
Accuracy: ± 5 mmHg, ±0.5 % of the reading

Microstream CO2
Measurement range: 0% to 19.7 % (0 mmHg to 150 mmHg)
Resolution: 0.1 % or 1 mmHg
Unit: %, mmHg, kPa
Accuracy: ± 5 mmHg, ±0.5 % of the reading

PR
Measurement range: 20 bpm to 300 bpm
Accuracy: ± 3% (motion conditions)
± 5% (non-motion conditions)

NIBP
Measurement range: 0 mmHg to 40 mmHg: ± 2 mmHg
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