



Multi-Parameter PATIENT MONITOR A3

For Critical Care

Technical Specifications

Designed to meet the requirements of following international standards:
IEC 10520-1
ISO14959:2003

Electrocardiogram (ECG)

Input	5 wires ECG cable
Lead Selection	I, II, III, aVR, aVL, aVF, V, V ₄
Gain (mm/mV)	x14, x12, 1, 2, 4 and Automatically
Measurement Mode	Diagnose 0.05 - 125Hz Monitor 0.05 - 100 Hz Surge 0.5 - 90 Hz
Sweep/Scan Speed (mm/sec.)	12.5, 25, 50
Heart Rate (HR)	30 - 250 BPM
Measurement Range	30 - 250 BPM
(Upper Limit: 60-200 BPM) allowable deviation + 10%	
(Lower Limit: 10-200 BPM) allowable deviation + 10%	

Partial Oxygen Saturation (SpO₂)

Measurement Range	0 - 100%
Accuracy	± 1.2%
Resolution	1 BPM
Pulse rate (PR)	30 - 250 BPM
Measurement Range	30 - 250 BPM
Accuracy	± 1 BPM
Resolution	± 1.2%

Respiration Rate (RR)

Measurement Range	0 - 120 BPM
Accuracy	± 1 BPM or ± 5%
Resolution	1 BPM

Body Temperature (Temp.)

Measurement Range	29° - 43°C / 77° - 113°F
Accuracy	± 0.1°C
Resolution	0.1°C
Response Time	< 3 min.
Unit Display	°C / °F Selectable

Invasive Blood Pressure (BP) Optional

Measurement Range	0-40 kPa (0-300 mmHg)
Channel	2 channels
Transducer Sensitivity	5mV/mmHg
Unit Display	kPa or mmHg selectable

Non-Invasive Blood Pressure (NIBP)

Measurement Type	Adult, Pediatric, Neonatal
Measurement Range	Systolic: 5.3 - 36 kPa or 40 - 270 mmHg Diastolic: 2.7 - 26.7 kPa or 20 - 200 mmHg
Mean	4.0 - 29.3 kPa or 30 - 220 mmHg
Accuracy	± 0.4 kPa (1 mmHg) or 5%
Resolution	0.1 kPa (1 mmHg)
Protection	Overpressure
Unit Display	kPa or mmHg selectable

Environment Condition:

Temperature	Operation: 5° to 40°C Storage: -20° to 55°C
Relative Humidity	5% - 95%
Air Pressure	700 - 1060 kPa 500 - 1060 kPa
Power Requirement	90-265 Volt AC (50/60 Hz)
Maximum Input Power	< 80VA
Fuse	15 mA
Battery Backup	1 + 1 hr. (with fully charged battery)

Display

Type	High resolution colour TFT display
Size	10.4" Diagonally
Trace Speed	6.25, 12.5, 25, 50 mm / sec. for ECG, SpO ₂ & Respiration

Dimension & Weight

Dimension	340 mm x 173 mm x 255 mm approx.
Net Weight	5.2 (kg)
Gross Weight	7.4 (kg)

Signal Socket

CRT (external monitor)	Standard VGA Socket
Printer (external printer)	PCAT parallel Socket
NET (external central monitor)	RJ45 Socket
LINE (external telephone line)	Modem Socket

Performance is dependent on appropriate patient, specifications and conditions of product, measurement of the body and used or change without notice.
All the accessories and optional features are available on request. The development of new, better devices applied to the body, therefore, may occur.

Local Contact:

Here Comes
the Largest

Multi-Parameter PATIENT MONITOR ASPENA3



For Critical Care

Features:

- High Resolution 10.4" TFT Colour Display
- Standard configuration of ECG, Resp, SpO₂, NIBP & Temp.
- Drug dose calculation / HRV analysis / OX_i / OXY CRG
- 5-LEAD Monitoring
- Suitable for Adult, Infant and Neonate
- Big Font
- Low Power Consumption

