

Product Name :
Portable Patient Monitor**Product Code :**
MED-DEV0008**Description :**

Portable Patient Monitor

Technical Specification :

RR range 0 – 120 adult, 0 – 150 paediatric/neonatal

Resolution: 1 rpm

Accuracy: ± 2 rpm or $\pm 2\%$ in the range 7 – 150 rpm, whichever is greater

Temperature:

Range 0 – 50 °C

Resolution ± 0.1 °C

Accuracy ± 0.1 °C

NIBP:

Oscillometric step deflation

Adjustable inflating pressure

Systolic, diastolic and mean pressure measurement

Measurement overall ranges: 10 – 270 adult, 10 – 200 paediatric, 10 – 135 neonatal

Resolution: 1 mmHg

SpO₂:

Range 0 – 100%

Resolution 1%, accuracy $\pm 2\%$ in the range 70 – 100 %

Heart rate detection 25 – 250 bpm, accuracy ± 3 bpm or $\pm 2\%$, whichever is greater

ECG and HR:

3-leads ECG, I-II-III selection

Waveform visualization

Gain 1.25, 2.5, 5, 10, 20, 40 mm/mV and Auto

Sweep speed 6.25, 12.5, 25 and 50 mm/s

Accuracy ± 1 bpm or $\pm 1\%$, whichever is greater

S-T detection, arrhythmia analysis

Standardizing marker -1 to 1 mV or -2 to 2 mV

HR 15 – 300 bpm for adult and 15 – 350 bpm for paediatric/neonatal

Adjustable signal amplitude and sensitivity

TFT color display > 10.4 inches

Multi-waveform and parameters visualization, at least 4 channels

Defibrillator sync and protection

Pacemaker detection/rejection

Data and network interface

Suitable for standard bed/wall rail and pole stand mount

Robust design for use in demanding environment

Automatic self-test and continuous system monitoring

Built-in rechargeable battery, autonomy > 3.5 hours

Power requirements: 100 - 220 V / 50 Hz

Patient information and trend internal database

Trend display > 120 hours at 1 min resolution

Audio-visual alarms and silencing feature for all monitored parameters

Display reports alarms, system errors, leads and sensors failure and AC/battery status

Soft touch keys, durable and easy to clean surface, resistant to hospital-grade cleaning products

Automatic switch to battery in case of power failure, automatic recharge on connection to mains



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