

PM90PRO

Technical Specifications

Technical specifications

- Safety IEC60601 (GB9706)
- Dimension 318mm (W) x 264mm (H) x 152mm (D)
- Power Supply 100-240VAC 50-60 Hz
- Alarm Indication Visual and audible alarm
- 1800 groups of alarm events review
- Application Adult, Pediatric and Neonate

ECG

- Gains 2.5mm/mV, 5mm/mV, 10mm/mV, 20mm/mV, 40mm/mV, auto
- Input impedance $\geq 5M\Omega$ (d.c.-60Hz)
- Common Mode Rejection Ratio $\geq 85dB$ (diagnostic mode)
 $\geq 105dB$ (monitoring & surgical mode)
- Resistant to high-frequency electrostatic, myoelectricity, AC, drifting interference
- Playback of Cardiogram Available
- Scanning Speed 12.5mm/s, 25mm/s, 50mm/s
- Heart Rate Range 10-300BPM
- Accuracy $\pm 1BPM$
- ECG waveform playback 30 minutes

NIBP

- Method Automatic oscillometric
- Operation Modes Singles (manual), Cycle (automatic), Rapid (continuous)
- Range Adult: 10-270mmHg
Pediatric: 10-235mmHg
Neonate: 10-135mmHg
mmHg / Kpa selectable
- Unit
- Auto Measurement 1, 2, 3, 4, 5, 10, 15, 20, 30, 45, 60, 90 minutes, 2, 4, 8, hours
- 1000 groups of NIBP measuring data review

RESP

- Method Impedance Measurement
- Measuring Range 0-120bpm
- Accuracy $\pm 2BPM$
- Gain X1, X2, X4
- Sweep Speed 6.25 mm/s, 12.5mm/s, 25mm/s
- Apnea alarm Available, 1-60S, off

BLT Digital SpO₂ (Pulse Oximetry)

- Range 0-100%
- Accuracy $\pm 2\%$ (70%-100%);
 $\pm 3\%$ (35%-69%)
- Range & Accuracy of Pulse Rate 20-250BPM $\pm 1BPM$

TEMP

- Channel 2 channels
- Range 0-50°C

- Unit Celsius, Fahrenheit
- Accuracy $\pm 0.1^\circ C$ (25°C-50°C)

IBP

- Channel 2 channels
- Range -50-300 mmHg
- Accuracy ± 2 mmHg ($\pm 2\%$) without probe
4 mmHg ($\pm 2\%$) with probe
- Converter sensitivity 5 uV/mmHg
- Names of pressures ART/PA/CVP/LAP/RAP/ICP

EtCO₂ (side stream)

- Method Infrared spectrum
- Range 0.0-13.1%
- Resolution 1 mmHg (0.1%)
- Accuracy $<5\%$ EtCO₂, $\pm 0.3\%$
 $>5\%$ EtCO₂, $<10\%$ (of Readings)

EtCO₂ (main stream)

- Method Infrared spectrum
- Range 0.0-10% (0-76mmHg)
- Resolution 1 mmHg (0.1%)
- Accuracy 5% (± 4.0 mmHg) or $<10\%$ (of Readings)

IRMA multi-gas (mainstream):

- Measure method Infrared spectrum
- Fi and ET values CO₂, N₂O, O₂, agent (HAL, ISO, ENF, SEV, DES)
- Calibration Room air calibration performed automatically when changing airway adapter (<5 sec)
- Warm-up time 5s
- Measuring and alarm range of multi-gas:
CO₂: 0-10%, $\pm 0.3\%$ or $\pm 6\%$ of reading, whichever is greater
N₂O: 0-100%, $\pm 2\%$ or $\pm 8\%$ of reading, whichever is greater
O₂: 0-100%, $\pm 3\%$
HAL, ISO, ENF: 0-5%, $\pm 0.15\%$ or $\pm 8\%$ of reading, whichever is greater
SEV: 0-8%, $\pm 0.15\%$ or $\pm 8\%$ of reading, whichever is greater
DES: 0-18%, $\pm 0.15\%$ or $\pm 8\%$ of reading, whichever is greater
Respiration rate Measuring alarm range and accuracy: 3-100 bpm, ± 1 bpm

Standard configuration

- ECG, HR, RESP, NIBP, SpO₂, PR, TEMP, Battery

Options

- 2-TEMP, 2-IBP, Thermal Recorder, Nellcor SpO₂, EtCO₂ (side stream, main stream), Multi-gas/O₂

* Specification subject to be changed without notice

NewTech®

PM90PRO



Patient Monitor
Innovation with Medical Technologies

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PM90PRO

Multi-Parameter
Patient Monitor



Features

- 12.1" LCD display, high resolution
- Large number display for long distance vision
- Digital SpO₂ technology offers anti-motion and anti-low perfusion functions
- Up to 66 beds network capacity to connect with HIS
- 168 hours tabular and graphic trends & data storage
- Drug dose calculation
- OXYCRG software
- Bed to bed view



7 leads screen mode



NIBP Review screen mode



Standard screen mode



NIBP Review screen mode