



progetti
Medical Equipment Solutions

PG M9000 (version 10.4")

Multiparameter patient monitor



Full touchscreen display high-resolution TFT LCD 10.4"
Touch smart keys for common operations
Arrhythmia monitoring function HR, PVC rate, rhythm and ectopics
Hi RES trends graph for relevant parameters
Parameters calculation: hemodynamic, oxygenation, ventilation and nephridium



MONITOR 

PG M9000 (version 10.4")

TECHNICAL SPECIFICATIONS



Physical specifications

Size: 31,8cm×26,4cm×15,2cm
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: 800×600 pixels or higher

PARAMETERS SPECIFICATIONS

ECG

Lead type: 3 lead: I, II, III or 5 lead: I, II, III, aVR, aVL, aVF, Vx
Lead standard: AHA, IEC
Gain: 2.5(×0.25), 5 (×0.5), 10 (×1), 20 (×2), 40 (×4)mm/mV, Auto
CMRR: Diagnostic mode ≥ 89 dB
Monitor mode ≥ 105 dB, Surgery mode ≥ 105 dB, Input impedance: ≥ 5.0 MΩ
ECG signal range: ± 10.0 mV
Sweep speed: 12.5 mm/s, 25 mm/s, 50 mm/s

HR

Measurement range: Adult: 10 bpm to 300 bpm
Pediatric and Neonatal: 10 bpm to 350 bpm
Resolution: 1 bpm Accuracy: ±1% or ±1 bpm, whichever is greater

RESP

Measurement method: Thoracic impedance
Lead: Selected from: (RA-LA) or (RA-LL); (Default)
Gain: ×0.25, ×1, ×2, ×4
Sweep speed: 6.25mm/s, 12.5mm/s, 25mm/s
Measurement range: 0 rpm to 150 rpm
Accuracy: ±2 rpm
Delay of apnea alarm: 10s, 15s, 20s, 25s, 30s, 35s, 40s, 45s, 50s, 55s, 60s

NIBP

Measurement way: Automatic oscillometry
Measurement kinds: Sys, Dia, Map, PR
Pressure accuracy Static: ±3 mmHg
Standard deviation: ≤8 mmHg
Unit: mmHg, kPa
Intervals for periodic measurement time: 1min, 2min, 3min, 4min, 10min, 15min, 30min, 45min, 60min, 90min, 120min, 240min, 480min.
Work mode: Adult: Single, Cycle, STAT
Pediatric: Single, Cycle, STAT
Neonatal: Single, Cycle
PR range: 40 bpm to 240 bpm

Digital SpO2

Measurement technic: Digital SpO2 technic
Measurement range: 0% to 100%
Accuracy: 70% to 100%: ±2%; 0% to 69%: unspecified

PR

Measurement range: 20bpm to 250 bpm
Accuracy: ±1% or ±1 bpm, whichever is the greater

TEMP

Measurement way: Thermal resistance way
Measurement Range: 0.0°C~50.0°C (32°F~122°F)
Measurement Accuracy: 0.0°C-50.0°C: ±0.1°C (not including the probe)
Unit: Centigrade (°C), Fahrenheit (°F)
Temperature probe type: YSI400 series probes or other compatible

IBP (OPTION)

Channels: 2
Sensitivity of transducer: 5uV/V/ mmHg, ±2%
Static or Dynamic pressure measurement range: -50 mmHg to +300 mmHg
Static pressure measurement accuracy: ±4 mmHg or ±4% of the reading, whichever is the greater (including of transducer)
Unit: mmHg, kPa, cmH2O
Zero calibration of pressure: available
Kinds of Measurement: ART, PA, CVP, RAP, LAP, ICP

Sidestream Co2 (OPTION)

Measurement way: Infrared spectrum
Measurement range: 0.0 % to 13.1 % (0 mmHg to 99.6 mmHg)
Unit: %, mmHg
Accuracy: <5.0 %, ±0.3 % (±2.0 mmHg); ≥5.0 %, <±10 % of the reading
Measurement range of awRR: 0 rpm to 150 rpm

Mainstream CO2 module (OPTION)

Measurement range: 0% to 19.7 % (0 mmHg to 150 mmHg)
Resolution: 0.1% or 1mmHg, Rise time: <60ms
Unit: %, mmHg, kPa
Accuracy: 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
(760mmHg, temperature is 25°C)

Microstream Co2 (OPTION)

Measurement range: 0% to 19.7 % (0 mmHg to 150 mmHg)
Resolution: 0.1% or 1 mmHg
Unit: %, mmHg, kPa
Accuracy: 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
(760mmHg, temperature is 25°C)

Sampling frequency gas: 50mL/min

Recorder

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

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: 168h, minimum resolution is 1min
High resolution trends: 2h, minimum resolution is 5s
Parameter alarm event: 128 groups of parameter alarm events and associated
ARR event: 128 groups of ARR event and the associated waveform for each waveform. NIBP measurement result: 1000 groups

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, EtCO2 (Side Stream, Main Stream, MicroStream), Thermal Recorder, WiFi module, VGA output.



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ISO 13485:2016 CERTIFICATION



Quality system ISO certified

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