



PG M9000 (Version 12.1")

Multiparameter patient monitor



Full touchscreen display high-resolution TFT LCD 12.1"

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



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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: 12.1"

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°~50.0° (32°~122°)

Measurement Accuracy: 0.0°-50.0°: ±0.1° (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



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