

PG M9000

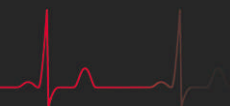
Multiparameter patient monitor



12.1" TFT LCD display, high resolution

Store & review 168 hours trend data and trend maps

Digital SpO2 technology offers anti-motion and anti-low perfuse function



PG M9000

TECHNICAL SPECIFICATION

SIZE AND WEIGHT

Size 318mm X 264mm X 152mm
Weight 4.5kg

DISPLAY

12.1" Color TFT-LCD
Resolution 800 X 600 pixels or higher

POWER SUPPLY

Power Voltage AC 100-240V 50/60Hz
Power Input $\leq 85\text{VA}$
Fuse: T1.6AL/250V, $\Phi 5\text{X}20$ (mm)
Safety class: Category I

BATTERY

Type: rechargeable Sealed Lead Acid cell, 12V/2.0AH
Charge time: ≤ 10 hours (2 batteries for 20 hours)
Operating time under normal use and full charge:
 ≥ 60 minutes (2 batteries for 120 minutes)
Operating time after the first alarm if low battery: 5-15 minutes

THERMAL RECORD (OPTION)

Method: thermal dot array
Paper width: 50mm (1.97 in)
Paper Speed: 12.5/25/50 (mm/sec)
Traces Maximum: 3 tracks

SYSTEM OUTPUT

Ethernet Network standard RJ45 socket
RF Wireless LAN: 433MHz, 10mW (option)
Defibrillation Output: Option
Video Output: Option

ALARM

Three Level: Low, medium and high
Indication: Auditory and visual
Setup: Default and custom
Silence: All alarms can be silenced
Volume: 45-85 dB measured at 1 meter

TREND

Store & review 168 hours trend data and trend maps
Parameter option: HR, SpO2, NIBP, PR, Resp, CO2, Temp1,
Temp2, AA, N2O, O2, IBP1, IBP2, ST.
Cycle intervals of trend storage 1min, 2min, 3min, 4min, 5min,
10min, 15min, 20min, 25min, 30min.

STORE & REVIEWING

ECG: 30 minutes one important lead's ECG waveform
Alarm: 1800 groups Alarm events reviewing
NIBP: 1000 groups NIBP measurement
Arrhythmia: 128 groups data (8 seconds ECG waveform)

ENVIRONMENT

Working temperature: 0-+40°C
Transportation and storage temperature: 20-+55°C
Relative humidity: Working $\leq 85\%$
Transportation and storage $\leq 93\%$
Atmospheric pressure: Working 860-1060 hPa
Transportation and storage 500-1060 hPa



Optional configuration:
10" TFT LCD display, high resolution
2x TEMP
Li-Ion Battery

STANDARD CONFIGURATION:

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

OPTION:

Li-Ion battery, 12-leads ECG, 2-TEMP, 2-IBP, Recorder, EtCO2 (side stream, main stream), Anesthetic Gas, Nellcor SpO2, ICG

PERFORMANCE

ECG

Mode: 5-leads (standard); 3-leads or 12-leads (option)
Lead selection: I, II, III, aVR, aVL, aVF, V1-V6 (option)
Gain: AUTO, 0.25x, 0.5x, 1.0x, 2.0x, 4.0x
Insulation Breakdown Voltage 4000VAC 50/60Hz
Sweep speed 12.5mm/s, 25mm/s, 50mm/s
HR Range: 10-300 bpm
HR Accuracy $\pm 1\%$ or ± 1 bpm, whichever is greater

ST SEGMENT

Measurement Range -2.0mV-2.0mV
Resolution 0.01mV

RESP

Method: Impedance variation between RA-LL (R-F)
Measurement Range: 0-150 rpm
Accuracy: ± 2 rpm
Gain: x1, x2, x4
Sweep speed 6.25mm/s, 12.5mm/s, 25mm/s

TEMP

Measurement Range: 25.0-50.0°C
Unit: Celsius (°C), Fahrenheit (°F)
Accuracy: $\pm 0.1^\circ\text{C}$ (exclusive of probe)
Connecting cable: Compatible with YSI-400

SpO2

Measurement Range 0-100%
Accuracy 70-100%, $\pm 2\%$
0-69%, unspecified
PR Range 25-250 bpm
PR Accuracy $\pm 1\%$ or ± 1 bpm, whichever is greater

NIBP

Technique: Automatic oscillometry
Range: Adult: 10-270 mmHg
Child: 10-235 mmHg
Neonate: 10-135 mmHg
Accuracy: Static $\pm 2\%$ or ± 3 mmHg, whichever is greater
Unit: mmHg, kPa
Pulse rate range: 40-240 bpm
Intervals for AUTO measurement: 1,2,3,4,5,10,15,20,30,60,90
minutes 2,4,8 hours

IBP (OPTION)

Channel: 2
Measurement Range: -50- +300 mmHg
Unit: mmHg, kPa
Accuracy: $\pm 2\text{mmHg}$ or 2%, whichever is greater

EtCO2 (OPTION, Sidestream, LoFlo)

Range 0-19.7% (0 - 150 mmHg)
Unit: %, mmHg, kPa
Respiration Rate Range 2-150 bpm

EtCO2 (OPTION, Mainstream, CAPNOSTAT5)

Range 0-19.7% (0 - 150 mmHg)
Unit: %, mmHg, kPa
Respiration Rate Range 2-150 bpm



progetti
Medical Equipment Solutions

PROGETTI s.r.l.

Via Bruno Buozzi, 28 • 10024 MONCALIERI (TO) ITALY
Tel. +39 011 644 738 Fax +39 011 645 822

info@progettimedical.com www.progettimedical.com



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