



progetti
Medical Equipment Solutions

PG M9500

Multiparameter patient monitor



- 15" TFT LCD display, high resolution (1024x768)
- Rechargeable Lithium battery, long life time
- Backlight buttons, easy to operate at night
- SD memory card (option)
- Dual alarm light
- Nurse call function



MONITOR



PG M9500

TECHNICAL SPECIFICATIONS



SIZE AND WEIGHT

Size 366mm X 330mm X 162mm
Weight 5 kg

DISPLAY

15" Color TFT-LCD
Resolution 1024 X 768 pixels or higher

POWER SUPPLY

Power Voltage AC 100-240V 50/60Hz
Power Input $\leq$ 85VA
Fuse: T1.6AL/250V, $\square$ 5X20 (mm)
Safety class: Category I

BATTERY

Type: rechargeable Lithium battery
Charge time: $\leq$ 6 hours
Operating time under normal use and full charge:
 $\geq$ 120 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)
Nurse call output
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, C.I..
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)
Power-off storage: 72 hours trend data & 1 ECG wave form (option)

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

STANDARD CONFIGURATION:

ECG, HR, RESP, NIBP, SpO2, PR, 2-TEMP, Lithium Battery

OPTION:

2-IBP, Recorder, EtCO2 (side stream, main stream), Nellcor SpO2, ICG, SD memory card

PERFORMANCE



ECG

Mode: 5-leads (standard); 3-leads
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: 10~350 bpm
HR Accuracy $\pm$ 1% or $\pm$ 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: $\pm$ 2 rpm
Gain: x1, x2, x4
Sweep speed 6.25mm/s, 12.5mm/s, 25mm/s

TEMP

Measurement Range: 0~50.0°C
Unit: Celsius (°C), Fahrenheit (°F)
Accuracy: $\pm$ 0.1°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 $\pm$ 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 $\pm$ 3 mmHg, whichever is greater
Unit: mmHg, kPa
Pulse rate range: 40~240 bpm
Intervals for AUTO measurement: 1,2,3,4,5,10,15,20,30,45,60,90
minutes 2,4,8 hours

IBP (OPTION)

Channel: 2
Measurement Range: -50~ +300 mmHg
Unit: mmHg, kPa
Accuracy: $\pm$ 2mmHg 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 0~150 bpm



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ISO 13485:2016 CERTIFICATION



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Quality system ISO certified

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