



PG TOUCH 12

Multiparameter patient monitor



Patient Monitor with 12.1 touch screen display, handwriting pen, SD card interface, Usb interface protective dust shield, convenient handle, IPX1 level waterproof cabinet design & sturdy housing to withstand rough handling.

In arrhythmia analysis, the system will save the latest 200 alarm events and the system can perform 16 Kinds of arrhythmia analysis.

It's especially designed for ICU/CCU/Operation theatre and Trauma care.



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TECHNICAL SPECIFICATIONS



SIZE AND WEIGHT

Size 344,5 X291X 152 mm
Weight 5,5kg

DISPLAY

12.1" TOUCH SCREEN Color TFT-LCD
Resolution 1024 x 768

POWER SUPPLY

Power Voltage AC 100-250V 50/60Hz
Power Input: 70 VA
Safety class: Category I

BATTERY

Type: rechargeable Lithium 14.8 V 4000 mah
Operation time under the normal condition: 240 minutes
Operating time after the first alarm of low battery: 5 minutes

THERMAL RECORD (OPTION)

Method: thermal dot array
Paper width: 48 mm (1.97 in)
Paper Speed: 12.5/25/50 (mm/sec)
Traces Maximum: 2 tracks

SYSTEM OUTPUT TO CHECK

Ethernet Network standard RJ45 socket
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

TREND

Store & review 120 hours trend data and trend maps
Parameter option: HR, SpO2, NIBP, PR, Resp, CO2, Temp1,
Temp2, O2, IBP1, IBP2, ST.
Cycle intervals of trend storage

STORE & REVIEWING

ECG: 30 min
Alarm: 200
NIBP: 400 groups NIBP measurement
Arrhythmia: Yes

ENVIRONMENT

Working temperature: 5~+40°C
Transportation and storage temperature: - 20~+55°C
Relative humidity: Working ≤ 80%
Transportation and storage ≤80%
Atmospheric pressure: Working 86~106 KPa
Transportation and storage 50~106 KPa

PERFORMANCE



ECG

Mode: 12-leads (standard); 5-leads (option)
Lead selection: I, II, III, aVR, aVL, aVF, V1~V6
Gain: AUTO, 2.5, 5, 10, 20, 40 mm/mV
Sweep speed: 12.5, 25, 50 mm/s
HR Range: Adult: 15-300bpm
Pediatric/Neonate:15-350bpm.
HR Accuracy: ± 1 bpm,

ST SEGMENT

Measurement Range - 2.0mV~2.0mV
Resolution: 0.01 mV

RESP

Method: Impedance variation between RA-LL (R-F)
Measurement Range: 0~150 bpm
Accuracy: ±2 rpm
Gain: x0.25, x0.5, x1, x2, x4
Sweep speed: 12.5, 25 mm/s

TEMP

Measurement Range: 0~50.0°C
Unit: Celsius (°C), Fahrenheit (°F)
Accuracy: ±0.1°C (exclusive of probe)
Connecting cable: Compatible with YSI-400 yes

SpO2

Measurement Range 0~100%
Accuracy 70~100%, ±2%
PR Range 20~300 bpm
PR Accuracy ±1 bpm

NIBP

Technique: Automatic oscillometry
Range: Adult: 25~270 mmHg
Child: 25~220 mmHg
Neonate: 20~135 mmHg
Accuracy: maximum mean error ± 5 mmHg
Unit: mmHg, kPa
Pulse rate range: 40-240bpm
Intervals for AUTO measurement: 1,2,3,4,5,10,15,20,30,60,90
minutes 2,4,8 hours

EXTRA PARAMETERS:

IBP (OPTION, expandable to 4 Channel IBP)
Etco2 Respironic Main/Side Stream
Phase in Etco2
ICG, CO, MultiGas and Bisspectral Index (IOC)



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ISO 13485:2016 CERTIFICATION



Quality system ISO certified

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