



# 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.



# PG TOUCH 12

## 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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