

Multiparameter Patient Monitor

Model:PRO12

Yonker is one of the biggest medical and healthcare product manufacturers in China.

Range of product: Patient monitor, Pulse oximeter, Blood pressure monitor, Infrared Thermometer, Fetal Doppler, UV Radiation Treatment System, etc. The whole production line is medical CE certified and mostly FDA certified.

TECHNICAL SPECIFICATIONS	
Quality Standards and Classification	
Anti-electroshock degree: Class I equipment (internal power supply) TEMP/SpO2 /NIBP: BF ECG/Resp: CF	
Application Range	
Adult/Pediatric/Neonatal/Medicine/Surgery/ Operating Room/ICU/CCU	
Display	
12.1" real color TFT screen	
Environment	
working environment conditions	
Temperature: Working temperature 0 — 40 °C Humidity: Working humidity ≤ 85 %	
Shipping and storage conditions	
Temperature: Transportation and storage temperature -20 — 60 °C Humidity: Transportation and storage humidity ≤ 93 %	
Electrical Specifications	
Power supply voltage: AC 100~240V AC, power frequency: 50/60Hz, maximum input power 70VA Fuse is F2AL 250V Working method: continuous work Built-in lithium battery: d.c.11.1V not less than 2000mA, working time not less than 2 hours.	
Dimension and Weight	
Product Size	262*336*84mm
product weight	2.72kg
ECG	Gain: X0.25, X0.5, X1, X2, Auto Waveform speed: 12.5mm/s, 25mm/s, 50mm/s Sensitivity >200uV (peak-to-peak) bandwidth: Diagnostic mode: 0.05~130Hz Monitoring mode: 0.5~40Hz Operation mode: 1~20Hz Common Mode Rejection Ratio: Diagnostic mode: >90dB Monitoring mode: >100dB Operation mode: >100dB Electrode polarization voltage: ±300mV Input impedance ≥5M DC bias voltage: ±300mV Calibration signal: 1mV (peak-to-peak), accuracy ±5% ST segment detection measurement: Measurement range: -2.0mV~+2.0mV Measurement accuracy: within the range of -0.8mV~+0.8mV, the measurement error is ±0.02mV or ±10%, whichever is greater, other ranges are undefined
SpO2	Measuring range 0~100% Resolution 1% The accuracy is within the range of 70% to 100%, and the measurement error should be ±2%; In the range of 0% to 69%, the measurement error is undefined
Pulse Rate	Measuring range 30~300bpm Resolution 1bpm Accuracy ±3bpm Update time 1s
Heart rate	Adult 15 to 300bpm (beats/minute) Neonatal/Child 15 to 350 bpm (beats/minute) Accuracy ±1% or ±1bpm, whichever is greater
Respiration rate	Adult 0~120BrPM Children and neonates 0 to 150 BrPM In the range of 7BrPM~120BrPM, the measurement error should be ±2BrPM. Errors in other ranges are undefined
Temperature	Range 0~50C Resolution 0.1C Accuracy ± 0.1C (excluding sensor error)
Trend data length	School limit list : 400 groups Waveform playback : 6000 seconds Trend table : 7 days Trend graph : up to 7 days Alarm review : 60 groups
ST Segment	Maximum upper limit 2.0mv Minimum lower limit -2.0mv Single adjustment amount 0.1mv
NIBP	Measuring Range and Precision Range Adult Systolic blood pressure 40~270mmHg Diastolic blood pressure 10~215mmHg Mean blood pressure 20~235mmHg Static pressure range 0~300mmHg Static pressure precision ±3mmHg Pressure precision: Max. average error: ±5mmHg; Max. standard deviation: 8mmHg
Standard accessories	<ul style="list-style-type: none"> • NIBP cuff & tube • ECG cable & electrodes • SpO2 sensor • TEMP probe • Lithium-ion battery • Power cable • Operator's manual
Optional accessories	End-tidal CO2 (optional) Recorder (optional) Dual IBP, Nellcor (optional)

NOTE :The specifications are subject to changes without prior notice.



PRO12

Multiparameter Patient Monitor

INTELLIGENT MAKER OF MEDICAL DEVICES

Store & Reviewing

- ECG: 30 minutes one important lead's ECG waveform
- Alarm: 1800 groups Alarm events reviewing
- NIBP: 400 groups NIBP measurement
- Arrhythmia: 128 groups data (8 seconds ECG waveforms)
- Power off storage: 72 hours trend data & 1 ECG wave form(option)

ECG

- Mode: 5-leads (standard); 3-leads or 12-leads (option) -Lead selection: I, II, IH, 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 6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s
- HR Range: Adult: 10~300bpm Child & Neonate: 10~350bpm
- HR Accuracy $\pm 1\%$ or ± 1 bpm, whichever is greater

IBP (option)

- Channel: 2
- Measurement Range: -50~+300mmHg
- Unit: mmHg, kPa
- Accuracy: ± 2 mmHg or 2%, whichever is greater

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

Thermal Recorder (Option)

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

EtCO2(option, Microstream)

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



Dual Alarm Light

Physiological Alarm Light & Equipment Technical Alarm Light
Extra Large Alarm Light Design

All-in-one

ECG, RESP, SPO2, NIBP, 2-TEMP(Standard)
9-leads ECG, 2-IBP, Cardio Output(ICG)
Side stream /mainstream / Micro stream CO2

Various Extensible interfaces

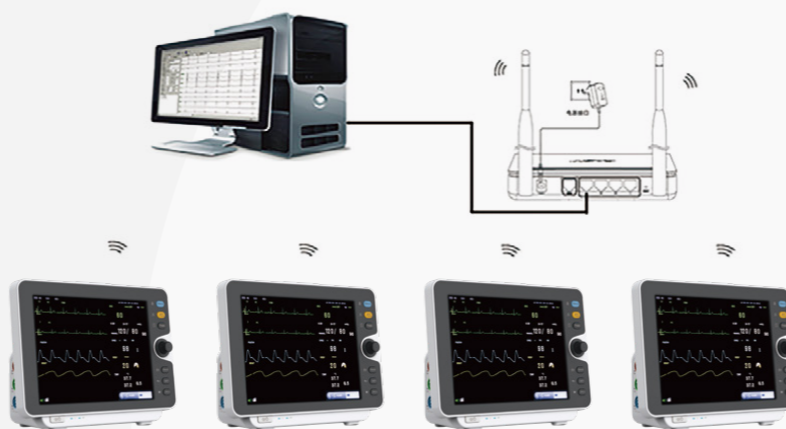
Standard : Ethernet Network , Defibrillation Synchronization Output, Nurse Call
Option: analog output , USB Port, VGA output

Built-in Recorder & WLAN modular (option)

3-Channel thermal recorder offers convenient documentation
Wifi wireless connectivity realizes in hospital transportation

Central Monitor System

Router



WIFI with smart IT solutions

- Wireless integration with Central Monitoring Station
- Dynamic trends provide up to 240 hours of useful information for review
- 8 traces per monitor and 16 monitors on one screen
- View up to 32 maximum bed on one platform in real-time
- Review and manage patient data anytime and anywhere in and pre-hospita



Wall Mount



Rolling Stand

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