



YK-8000C

Multi-parameter Patient Monitor

Monitor ECG, SpO₂, NIBP, RESP, TEMP, PR and HR.

New

Yonker is one of the biggest medical and healthcare product manufacturers in China.
 Range of product: Patient monitor, Pulse oximeter, Blood pressure monitor, Thermometer, Fetal Doppler, UV radiation, etc.
 The whole production line is medical CE certified and mostly FDA certified.

TECHNICAL SPECIFICATIONS	
Quality Standards and Classification	ECG
CE, ISO13485 SFDA: Class II b Anti-electroshock degree: Class I equipment (internal power supply) TEMP/SpO ₂ /NIBP: BF ECG/Resp: CF	5 Leads: RA, LA, LL, RL, V Lead mode: I, II, III, AVR, AVL, AVF, V Gain: × 1.25mm/mV, 2.5mm/mV, 5.0mm/mV, 10mm/mV, 20mm/mV (error ≤ 5%) Sweep speed: 6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s (error ≤ ± 10%) Bandwidth: Surgery 1 ~ 25 Hz Monitor 0.5 ~ 40 Hz Diagnostic 0.05 ~ 130 Hz Sensitivity: >200 μ V P-P CMRR: ≥ 112dB Differential Input Impedance: >5M ohm Electrode Offset Potential: ±300mV Polarization Voltage: ≥ ± 500mV Input Impedance: ≥ 5 M Calibration Voltage: 1mV ± 5%
Application Range	SpO₂
Adult/Pediatric/Neonatal/Medicine/Surgery/ Operating Room/ICU/CCU	Measurement range: 0 ~ 100% Resolution: 1% Accuracy: 70% ~ 100% ± 2% 40% ~ 69% ± 3%
Display	Pulse Rate
12.1" real color TFT screen	Measure/alarm range: 20 ~ 300bpm Resolution: 1bpm Accuracy: ± 3bpm
Environment	RESP
Operating environment : Temperature: 0 ~ 40 °C Humidity: 15% ~ 80% Pressure: 86.0 kPa ~ 106.0kPa Transport and Storage environment : Temperature: -20 ~ 55 °C Humidity: 10% ~ 90% Pressure: 86.0 kPa ~ 106.0kPa	Method: impedance between RA-LL Resp Impedance range: 0.3 ~ 3 Ω Base Impedance range: 200 Ω ~ 4000 Ω Bandwidth: 0.3 ~ 2.5Hz Gain: × 0.25, × 0.5, × 1, × 2, × 4 Resp rate: Measurement Range Adult 0 ~ 120BrPM Neonatal/Pediatric 0 ~ 150BrPM Resolution: 1BrPM Accuracy: 7 ~ 150BrPM (± 2BrPM) 0 ~ 6BrPM (unspecified) Apnea Alarm: 10 ~ 40s
Power Requirements	ST Segment
AC: 100 ~ 240V, 50Hz/60Hz DC: Built-in rechargeable battery Battery: 11.1V 24wh Li-ion battery 2h operating after full charge 5min operating after low battery alarm	ST Segment Range: -2.0mV ~ +2.0mV Accuracy: 0.02mV
Dimension and Weight	NIBP
Equipment: 340mm × 245mm × 134 mm(about); 2.798kg(about) Package: 380mm × 350 mm × 300mm; 4.598 kg(about)	Method: Oscillometry Measure mode: Manual, Auto, STAT Measure interval in auto mode: 1~5/10/15/30/60/90/120/180/240/480min Measure period in STAT mode: 5min Pulse rate range: 40 ~ 240bpm Measure & alarm range: Adult SYS 40 ~ 280mmHg DIA 10 ~ 220mmHg MEAN 20 ~ 240mmHg Pediatric SYS 40 ~ 220mmHg DIA 10 ~ 160mmHg MEAN 20 ~ 170mmHg Neonatal SYS 40 ~ 135mmHg DIA 10 ~ 100mmHg MEAN 20 ~ 110mmHg Static pressure measurement Range: 0 ~ 300mmHg Accuracy: ± 3mmHg Resolution: 1mmHg Accuracy: Max. Mean Error: ± 5mmHg Max. Standard Deviation: 8mmHg Overpressure protection: Adult 300mmHg Pediatric 240mmHg Neonatal 150mmHg
Date Storage	TEMP
Trend diagram/table: 720h NIBP review: 10000 events Wave review: 12h Alarm review: 200 alarm events Support drug concentration titration analysis	Channel 2 Measure & alarm range: 0 ~ 50 °C Resolution: 0.1 °C Accuracy (no sensor): ±0.1 °C (0~50 °C)
	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
	<ul style="list-style-type: none"> • IBP • CO₂ • Nellcor SpO₂

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



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AUTHORIZED AGENT

Xuzhou Yongkang Electronic Science Technology Co., Ltd.

Add: 1st&2nd Floor, 6#01, 6#02, No. 6 Building 1st Phase Economic Development Manufacturing Zone, LIANDO U Valley, No. 6 Leye Road, Xuzhou ETDZ, 221000 Xuzhou, PEOPLE'S REPUBLIC OF CHINA
 Tel: +86 516 6667 0805 +86 516 8789 2766
 E-mail: office@yonker.cn
 Web: www.yonkermed.com



Store & Reviewing

- ECG: 30 minutes one important lead's ECG waveform
- Alarm: 1000 groups Alarm events reviewing
- NIBP: 1000 groups NIBP measurement
- Arrhythmia: 128 groups data (8 seconds ECG waveforms)
- Power-off storage: 72 hours trend data & 1 ECG wave form(option)

IBP (option)

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

EtCO2(option, Microstream)

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

EtCO2 (option, Mainstream)

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

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

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



Dual Alarm Light

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

Various Extensible interfaces

Standard : Ethernet Network
Synchronization Output

All-in-one

ECG, RESP, SPO2, NIBP, 2-TEMP(Standard)
7-leads ECG, 2-IBP
Side stream /mainstream / Micro stream CO2

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