



YK-8000C

Multi-parameter Patient Monitor

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

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.

New



TECHNICAL SPECIFICATIONS	
Quality Standards and Classification	ECG
CE: ISO13485 FDA: Class IIb Anti-electroshock degree: Class I equipment (internal power supply)	5 Leads: RA, LA, LL, RL, V Lead mode: I, II, III, AVR, AVL, AVF, V Gain: ±1.25mV/mV, 2.5mV/mV, 5.0mV/mV, 10mV/mV, 20mV/mV (error: ±5%) Sweep speed: 6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s (error: ±5%) Bandwidth: Surgery 1~25 Hz Monitor 0.5~40 Hz Diagnostic 0.05~130 Hz Sensitivity: $±200 \mu V/P-P$ 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% - 60% ± 3%
Display	Pulse Rate
12.1" real color TFT screen	Measurement range: 20 - 300bpm Resolution: 1bpm Accuracy: ±3bpm
Environment	RESP
Operating environment Temperature: 0 - 40 °C Humidity: 15% - 80% Pressure: 86.0 kPa - 106.0 kPa Transport and Storage environment Temperature: -20 - 50 °C Humidity: 10% - 90% Pressure: 86.0 kPa - 106.0 kPa	Method: impedance between RA-LL Resp Impedance range: 0.3 - 3 Ω Base Impedance range: 200 Ω - 4000 Ω Bandwidth: 0.3 - 2.5 Hz Gain: × 0.25, × 0.5, × 1, × 2, × 4 Resp rate: Measurement Range Adult: 0 - 120bPM Neonatal/Pediatric: 0 - 150bPM Resolution: 1bPM Accuracy: 7 - 150bPM (±2bPM) 0 - 60bPM (unspecified) Apnea Alarm: 10 - 40s
Power Requirements	TEMP
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	Channel: 2 Measure & alarm range: 0 - 50 °C Resolution: 0.1 °C Accuracy (in sensor): ±0.1 °C (0-50 °C)
Dimension and Weight	Standard accessories
Equipment: 340mm × 345mm × 134 (mountable); 2.79kg (gross weight) Package: 300mm × 350 mm × 300mm; 4.5kg (gross weight)	<ul style="list-style-type: none"> • NIBP cuff & tube • ECG cable & electrodes • SpO₂ sensor • TEMP probe • Lithium-ion battery • Power cable • Operator's manual
Date Storage	Optional accessories
Trend diagram/table: 720h NIBP review: 10000 events Wave review: 12h Alarm review: 200 alarm events Support drug concentration titration analysis	<ul style="list-style-type: none"> • ISP • CO₂ • Non-invasive SpO₂
	ST Segment
	ST Segment Range: -2.0mV - +2.0mV Accuracy: 0.02mV
	NIBP
	Method: Oscillometry Measure mode: Manual, Auto, STAT Measure interval in auto mode: 1-5/10/15/30/60/90/120/180/240/450min Measure period in STAT mode: 5min Pulse rate range: 40 - 240bpm Measure & alarm range: Adult SYS: 40 - 240mmHg 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: ±3mmHg Max. Standard Deviation: 0mmHg Overpressure protection: Adult: 300mmHg Pediatric: 240mmHg Neonatal: 150mmHg

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

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