

TECHNICAL SPECIFICATIONS	
<b>Quality Standards and Classification</b>	<b>ECG</b>
CE, ISO13485 SFDA: Class II b 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: × 1.25mm/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 μV P-P CMRR: ≥ 112dB Differential Input Impedance: >5M ohm Electrode Offset Potential: ±300mV Polarization Voltage: ≥ ± 500mV Input Impedance: ≥ 5 M Calibration Voltage: 1mV ± 5%
TEMP/SpO <sub>2</sub> /NIBP: BF ECG/Resp: CF	<b>SpO<sub>2</sub></b>
<b>Application Range</b>	Measurement range: 0 ~ 100% Resolution: 1% Accuracy: 70% ~ 100% ± 2% 40% ~ 69% ± 3%
Adult/Pediatric/Neonatal/Medicine/Surgery/ Operating Room/ICU/CCU	<b>Pulse Rate</b>
<b>Display</b>	Measure/alarm range: 20 ~ 300bpm Resolution: 1bpm Accuracy: ± 3bpm
12.1" real color TFT screen	<b>RESP</b>
<b>Environment</b>	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
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	<b>ST Segment</b>
<b>Power Requirements</b>	ST Segment Range: -2.0mV ~ +2.0mV Accuracy: 0.02mV
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	<b>NIBP</b>
<b>Dimension and Weight</b>	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
Equipment: 340mm × 245mm × 134 mm(about); 2.798kg(about) Package: 380mm × 350 mm × 300mm; 4.598 kg(about)	<b>TEMP</b>
<b>Date Storage</b>	Channel 2 Measure & alarm range: 0 ~ 50 °C Resolution: 0.1 °C Accuracy (no sensor): ±0.1 °C (0~50 °C)
Trend diagram/table: 720h NIBP review: 10000 events Wave review: 12h Alarm review: 200 alarm events Support drug concentration titration analysis	<b>Standard accessories</b>
	<ul style="list-style-type: none"> <li>● NIBP cuff &amp; tube</li> <li>● ECG cable &amp; electrodes</li> <li>● SpO<sub>2</sub> sensor</li> <li>● TEMP probe</li> <li>● Lithium-ion battery</li> <li>● Power cable</li> <li>● Operator's manual</li> </ul>
	<b>Optional accessories</b>
	<ul style="list-style-type: none"> <li>● IBP</li> <li>● CO<sub>2</sub></li> <li>● Nellcor SpO<sub>2</sub></li> </ul>

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



# YK-8000C

## Multi-parameter Patient Monitor





### Store & Reviewing

- ECG: 30 minutes one important lead's ECG waveform
- Alarm: 1800 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:  $\pm 2$ mmHg or 2%, whichever is greater

### EtCO<sub>2</sub>(option, Microstream)

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

### EtCO<sub>2</sub> (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  $\pm 1$  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

### All-in-one

ECG, RESP, SPO<sub>2</sub>, NIBP, 2-TEMP(Standard)  
9-leads ECG, 2-IBP, Cardio Output(ICG)  
Side stream /mainstream / Micro stream CO<sub>2</sub>

### 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