



## PRODUCT FEATURES

- 12.1-inch color LCD display.
- Suitable for Adult, Ped, optional.
- Plug and play.
- ST segment analysis.
- 3 level audio/visual alarm function.
- Data power-off storage function.
- Built-in rechargeable lithium battery.
- Automatic data storage function: 96 hours data storage and review.
- Support network connection and monitoring network system.(Optional)

## AB-50 VITAL SIGNS MONITOR

# Technical Specifications

<p><b>Quality Standards and Classification</b></p> <p>CE, ISO 13485 Classification: Class II b</p>	<p><b>ECG</b></p> <p>Standard 3-lead or 5-lead 3-lead RA, LA, LL, Lead method: I, II, III 5-lead RA, LA, LL, RL, V, Lead method: I, II, III, aVR, aVL, aVF, V Gain variation: 0.25, .5, 1, 2. Automatically Gain change per minute &lt; 0.66%/min Total gain change in 1 hour &lt; ±10%</p>	<p><b>TEMP</b></p> <p>Channel 2 Measure &amp; alarm range: 0~ 50 °C Resolution: 0.1 °C Precision (no sensor): ±0.1 °C</p>
<p><b>Application Range</b></p> <p>It is suitable on adult. The monitor can be used in hospitals and other medical settings and should be operated by trained doctors, nurses or other professional personnel.</p>	<p>Common Mode rejection Ratio Diagnostic mode &gt; 90 dB Monitoring Mode &gt; 100 dB Operation mode &gt; 100 dB</p>	<p><b>Standard accessories</b></p> <ul style="list-style-type: none"> <li>● NIBP cuff &amp; tube</li> <li>● ECG cable &amp; electrodes</li> <li>● SpO2 sensor</li> <li>● TEMP probe</li> <li>● Lithium-ion battery</li> <li>● Power cable</li> <li>● Operator's manual</li> </ul>
<p><b>Display</b></p> <p>15inch LCD screen display</p>	<p><b>RESP</b></p> <p>Measuring Method: RA-LL impedance RESP Impedance Measuring Range 0.3~3Ω Base Impedance Range: 200~4000Ω Bandwidth: 0.1~2.5Hz RESP Rate: Range Adult 0~120 BrPM Resolution 1 BrPM Precision ±2 BrPM</p>	<p><b>Optional accessories</b></p> <ul style="list-style-type: none"> <li>● CO2 module</li> <li>● IBP module</li> <li>● Touch screen</li> <li>● Trolley bracket</li> <li>● Hanging bracket</li> <li>● Monitor recorder</li> <li>● Wifi</li> <li>● Operation time 4 hours</li> <li>● Co, Gas, CGS, EWS</li> </ul>
<p><b>Environment</b></p> <p>Temperature: Working temperature 0 ~ 40 °C Transportation and storage temperature -20 ~ 60 °C Humidity: Working humidity ≤ 85 % Transportation and storage humidity ≤ 93 %</p>	<p><b>NIBP</b></p> <p>Pulse wave oscillometry Manual/Automatic/STAT Measuring Interval of Automatic Measuring Mode 1, 2, 3, 4, 5, 10, 15, 30, 60, 90, 120, 180, 240, 480 minute(s) Measuring Time of STAT Mode 5 minutes</p>	<p><b>IBP</b></p> <p>Label ART, PA, CVP, RAP, LAP, ICP, P1, P2 Measuring and alarm range ART 0~ 300 mmHg PA -6 ~ 120mmHg CVP/RAP/LAP/ICP -10 ~ 40mmHg P1/P2 -10 ~ 300mmHg Press Sensor Sensitivity 5 uV/V/mmHg Impedance 300-3000 Ω Resolution: 1mmHg Accuracy: ±2% or ±1mmHg, which great Actualization interval: about 1 Sec.</p>
<p><b>Power Requirements</b></p> <p>AC: 100 ~ 240V, 50Hz/60Hz DC: Built-in rechargeable battery 5min operation after low battery alarm</p>	<p>PR range: 40 ~ 240 bpm</p> <p>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</p>	<p><b>CO2</b></p> <p>Side/Main stream Warm-up time: Measurement range: 0-99mmHg</p>
<p><b>Dimension and Weight</b></p> <p>Equipment 360mm x 162mm x 321 mm ; 4.5kgs</p>	<p>Overvoltage protection Adult mode 300 mmHg</p>	<p><b>SpO2</b></p> <p>SpO2 Range ~ 0 ~ 100% Resolution 1% Precision 70 ~ 100% : ±2% 0% ~ 69% : no definition given</p> <p>PR Range ~ 20 ~ 300bpm Resolution 1bpm Precision ±3bpm</p>
<p><b>Date Storage</b></p> <p>NIBP review: 400 events</p>	<p><b>ST Segment</b></p> <p>ST Segment Range: -2.0mV ~ +2.0mV</p>	



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