




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>Quality Standards and Classification</p> <p>CE, ISO 13485 Classification: Class II b</p>	<p>ECG</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 < 0.66%/min Total gain change in 1 hour < ±10%</p>	<p>TEMP</p> <p>Channel 2 Measure & alarm range: 0~ 50 °C Resolution: 0.1 °C Precision (no sensor): ±0.1 °C</p>
<p>Application Range</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 > 90 dB Monitoring Mode > 100 dB Operation mode > 100 dB</p>	<p>Standard accessories</p> <ul style="list-style-type: none"> ● NIBP cuff & tube ● ECG cable & electrodes ● SpO2 sensor ● TEMP probe ● Lithium-ion battery ● Power cable ● Operator's manual
<p>Display</p> <p>12.1 inch LCD screen display</p>	<p>RESP</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 0~120BrPM Resolution 1 BrPM Precision ±2 BrPM</p>	<p>Optional accessories</p> <ul style="list-style-type: none"> ● CO2 module ● IBP module ● Touch screen ● Trolley bracket ● Hanging bracket ● Monitor recorder ● Wifi ● Operation time 4 hours ● Co, Gas, CGS, EWS
<p>Environment</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>NIBP</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>IBP</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>Power Requirements</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>CO2</p> <p>Side/Main stream Warm-up time: Measurement range: 0-99mmHg</p>
<p>Dimension and Weight</p> <p>Equipment 360mm x 162mm x 321 mm ; 4.5kgs</p>	<p>Overvoltage protection Adult mode 300 mmHg</p>	<p>SpO2</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>Date Storage</p> <p>NIBP review: 400 events</p>	<p>ST Segment</p> <p>ST Segment Range: -2.0mV ~ +2.0mV</p>	

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