



AB-50 VITAL SIGNS MONITOR

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)

Technical Specifications

Quality Standards and Classification CE, ISO 13485 Classification: Class II b	ECG 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%	TEMP Channel 2 Measure & alarm range: 0~ 50 °C Resolution: 0.1 °C Precision (no sensor): ±0.1 °C
Application Range 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.	Common Mode rejection Ratio Diagnostic mode > 90 dB Monitoring Mode > 100 dB Operation mode > 100 dB	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
Display 15inch LCD screen display	RESP 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	Optional accessories <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
Environment Temperature: Working temperature 0 ~ 40 °C Transportation and storage temperature -20 ~ 60 °C Humidity: Working humidity ≤ 85 % Transportation and storage humidity ≤ 93 %	NIBP 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 PR range: 40 ~ 240 bpm	IBP 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 ~ 300 mmHg Press Sensor Sensitivity 5 uV/V/mmHg Impedance 300-3000 Ω Resolution: 1mmHg Accuracy: ±2% or ±1mmHg, which great Actualization interval: about 1 Sec.
Power Requirements AC: 100 ~ 240V, 50Hz/60Hz DC: Built-in rechargeable battery 5min operating after low battery alarm	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	CO2 Side/Main stream Warm-up time: Measurement range: 0-99mmHg
Dimension and Weight Equipment 360mm x 162mm x 321 mm ; 4.5kgs	Overvoltage protection Adult mode 300 mmHg	SpO2 SpO2 Range ~ 0 ~ 100% Resolution 1% Precision 70 ~ 100% : ±2% 0% ~ 69% : no definition given PR Range ~ 20 ~ 300bpm Resolution 1bpm Precision ±3bpm
Date Storage NIBP review: 400 events	ST Segment ST Segment Range: -2.0mV ~ +20mV	



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