



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)

SIGMA-50

VITAL SIGNS MONITOR

Quality Standards and Classification	ECG	TEMP
CE, ISO 13485 Classification: Class II b	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%	Channel 2 Measure & alarm range: 0~50 °C Resolution: 0.1 °C Precision (no sensor): ±0.1 °C
Application Range	RESP	Standard accessories
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	<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	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
12.1 inch TFT screen display	NIBP	<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	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 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 Overvoltage protection Adult mode 300 mmHg	IBP
Temperature: Working temperature 0~40 °C Transportation and storage temperature -20~60 °C Humidity: Working humidity ≤ 85 % Transportation and storage humidity ≤ 93 %	SpO2	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		CO2
AC: 100~240V, 50Hz/60Hz DC: Built-in rechargeable battery 5min operating after low battery alarm		Side/Main stream Warm-up time: Measurement range: 0-99mmHg
Dimension and Weight		
Equipment 360mm x 162mm x 321 mm; 4.5kgs		
Date Storage		
NIBP review: 400 events		
ST Segment		
ST Segment Range: -2.0mV ~ +2.0mV		



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