

Echo80 is a very small and basic patient monitor that can be used in ambulances

but also as a 24 hour ABPM, Its measures oxygen saturation (SpO2) continuously as well as heart rate

and can be programmed to measure blood pressure at configurable intervals.

Features:

- Compact and portable, easy to use
- Suitable for adult, pediatric and neonatal patient
- Large Color LCD-display of NIBP, SpO2 and Pulse Rate
- Adjustable audible and visual alarms
- RM-ABPM is a noninvasive, silent, compact, lightweight and reliable blood pressure monitor for ambulatory application
- 2 AA alkaline batteries can sustain more than 600 measurements in a period of 48 hours
- It provides double safety protection and can be connected to any laptop or desktop PC
- All date can be transferred to a PC through Windows-based software for review and print



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Echo80

Ambulatory Blood Pressure Monitor

Specifications

Display

2.4" color LCD Display

NIBP Specifications

Measurement Method Oscillometric method

Working modes Automatic

Measurement Range Pressure

Adult 0~290mmHg(0~38.6kPa)

Pediatric 0~235mmHg(0~31.3kPa)

Neonatal 0~140mmHg(0~18.6kPa)

Pulse: 40~240/min

Inflation adult 160mmHg

Pediatric 120mmHg

Neonatal 70mmHg

Alarm Range

Adult mode SYS ALM: 40~270 mmHg .DIA ALM: 10~215 mmHg

Pediatric mode SYS ALM: 40~200 mmHg .DIA ALM: 10~150 mmHg

Neonatal mode SYS ALM: 40~135 mmHg .DIA ALM: 10~100 mmHg

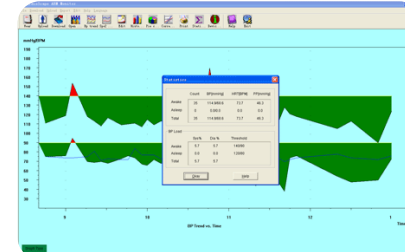
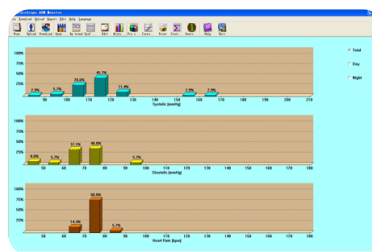
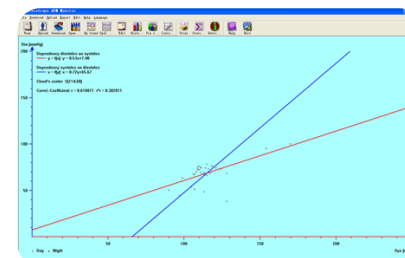
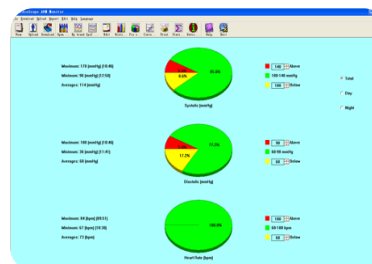
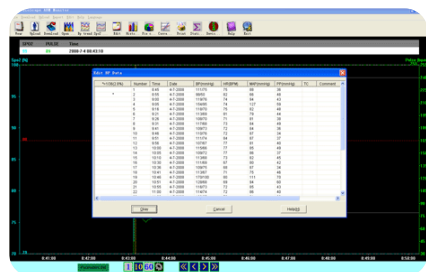
Over-pressure protect

Adult mode 295±5mmHg

Pediatric mode 240±5mmHg

Neonatal mode 145±5mmHg

PC Software



Resolution

Pressure 1mmHg

Pulse Rate ± 2 bpm or $\pm 2\%$ (select larger)

Measurement Accuracy

Cuff Pressure Accuracy ± 3 mmHg

Error The BP Value of the device is equivalence with the measurement value of Stethoscope. The error meets all the conditions in the ANSI/AAMI SP-10:2002+A1:2003 +A2:2006.

Operating Temperature/ Humidity $+5^{\circ}\text{C}\sim+40^{\circ}\text{C}$. 15%RH~80%RH

Transport and Storage Temperature/Humidity $-20^{\circ}\text{C}\sim+55^{\circ}\text{C}$. $\leq 95\%$ RH

Atmospheric pressure 80kPa~105kPa

Battery 2 "AA" alkaline batteries

Standard Configure:

Adult Cuff: limb circumference 25-35cm (middle of upper arm)

Software CD, User Manual, USB data line, BP extending tube, A pouch. Cleaning material

Accessories:

Pediatric Cuff: limb circumference 10-19cm (middle of upper arm)

Neonatal Cuff: limb circumference 6-11cm (middle of upper arm)