

# ABPM-05 Ambulatory Blood Pressure Monitor

## Technical Specifications

<b>power supply</b>	2 AA rechargeable NiCd or NiMH batteries or 2 AA alkaline batteries
<b>display</b>	liquid-crystal
<b>data storage</b>	internal solid state memory
<b>data transmission</b>	USB cable
<b>operating environment</b>	temperature: 10-45 °C; humidity (non condensing): 10-95%; atmospheric pressure: 70-106 kPa
<b>storage conditions</b>	temperature: -20-50 °C; humidity (non condensing): 10-95%
<b>size</b>	70*99*30 mm
<b>weight</b>	240g (with batteries)
<b>measurement method</b>	oscillometric
<b>maximum BP storage</b>	over 600 measurements
<b>measurement range</b>	BP: 30-260 mmHg (4-35 kPa), pulse: 40-200 beat/minute
<b>passive accuracy</b>	+/- 3mmHg (0,4 kPa) or +/- 2% of measured value (stability: 2 years)
<b>accuracy</b>	measuring algorithm validated to BHS and AAMI protocol
<b>pressure sensor</b>	stepwise deflation
<b>inflation</b>	automatically controlled pump
<b>safety</b>	maximum inflation 300 mmHg (40 kPa), independent safety release valve
<b>deflation and rapid air release</b>	automatic pressure release valve