

ABPM-05 Ambulatory Blood Pressure Monitor

Technical Specifications

memory	over 600 measurements (internal solid state memory)
display	liquid-crystal
size	70*99*30 mm
weight	240g (with batteries)
available cuffs	small, adult, large (latex and latex-free/neoprene)
user interface	3-key operation (start, event, day/night)
data transmission	USB cable
measurement method	oscillometric
measurement range	BP: 30-260 mmHg (4-35 kPa), pulse: 40-200 beat/minute
automatic measurement intervals	programmable up to 8 separate time periods from 5 to 60 minute intervals
accuracy	measuring algorithm validated to BHS and AAMI protocol
pressure sensor	stepwise deflation (partial measurement repeat, more accurate results)
passive accuracy	+/- 3mmHg (0,4 kPa) or +/- 2% of measured value (stability: 2 years)
safety	maximum inflation 300 mmHg (40 kPa), extremely safe dual-valve technology , independent safety release valve
inflation	automatically controlled pump
deflation and rapid air release	automatic pressure release valve
power supply	2 AA rechargeable NiCd or NiMH batteries or 2 AA alkaline batteries
operating environment	temperature: 10-45 °C; humidity (non condensing): 10-95%; atmospheric pressure: 70-106 kPa
storage conditions	temperature: -20-50 °C; humidity (non condensing): 10-95%
warranty	optionally 3-year for the main unit, 12 months on non-disposable accessories except cuffs, 6 months on cuffs