SA-10

Ambulatory Blood Pressure

Version 1.1

Technical Specifications

Physical Specifications

Method of measurement

Oscillometric

Static pressure range

0 to 300 mmHg (0 to 40 kPa), ±3 mmHg (±0.4 kPa)

Measurement pressure range

Systolic: 25 to 290 mmHg (3.3 to 38.6 kPa)

Diastolic: 10 to 250 mmHg (1.3 to 33.2 kPa)

Mean error: ±5 mmHg (±0.67 kPa)

Standard deviation: Max. 8 mmHg (1.07 kPa)

Pulse range

40 to 240 bpm, accurate within ±3 bpm or ±3.5%, whichever is greater

Resolution

Blood pressure: 1 mmHg (0.133kPa)

Pulse: 1 bpm

Over-pressure protection

The cuff will be deflated when the measurement pressure reaches 297± 3mmHg (39.6± 0.4 kPa)

Data memory

Flash memory stores up to 600 readings.

Sampling duration

24 hours (Time interval options are: 5, 10, 15, 20, 30, 45, 60, 90, 120 minutes)

Safety system

Maximum inflation pressure limited to 300 mmHg;

Maximum measurement time limited to 120 seconds

Bluetooth (configurable)

Transmitting Frequency	Frequency Band
2400 MHz to 2483.5 MHz	≤ 2MHz
Modulation Type	**Transmitting Power**
GFSK, DPSK, PSK	≤ 20 dBM (EIRP)

EDAN