Technical Data Tel-O-Graph® BT

Physical dimensions

Dimensions	L 151 mm x W 108 mm x H 57 mm
Display	70 x 72 mm, Character height 20 mm
Weight	334 g (without batteries)

Measurement

Technique	Oscillometric
NIBP Accuracy	validated according to ISO 81060-2 and BHS (A/A Grading)
Systolic Range	60-290 mmHg
Diastolic Range	30-195 mmHg
Pulse Rate Range	30-240 BPM (Beats per min)
Blood Pressure Accuracy	±2% or ±3 mmHg, whichever is greater
Transducer Accuracy	± 3 mmHg over full range in operating conditions
Operating Modes	manual
Operating temperature	+5°C to +40°C
Operating humidity	15% to 93% relative humidity, non-condensing
Storage temperature	-25°C to +70°C
Storage humidity	up to 93% relative humidity, non-condensing

Electrical

Operating Voltage	4 - 6 VDC (4 x NiMH or LR6, AA)
Power Consumption	Using 5 VDC Nominal Sleep 60 µW Idle 105 mW Measurement 540 mW Inflation 2.4 W
Storage Capacity	350 Measurements

IEM®
on life's side

Bluetooth Technology

Bluetooth Chip	Bluegiga WT11i
Bluetooth type	Bluetooth 2.1 + EDR
Transmission output power	Class 1 (100 mW)

Applicable Standards & Directives

- Directive 93/42/EEC (MDD)
- Directive 2014/53/EU (RED)
- Directive 2011/65/EU (RoHS)
- IEC 60601-1: 2012, IEC 60601-1-2: 2014, IEC 60601-1-11: 2015
- IEC 80601-2-30: 2013
- FCC 47 CFR Part 15
- IEEE/ANSI C63.27-2017
- FDA 510 (K)

Advantage Technologies

IGI (Initially Gradual Inflation)	Pressure setting for a gentle measurement
SST (Soft Slope Technology)	Time adaptation from S-XL sized cuff
AF® Logic (Auto-Feedback-Logic)	Faster and most convenient measurements