

# 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



## **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