

# BP-200 plus

## Technical data BP-200 plus:

### System:

**Dimensions:** 222 x 155 x 96 mm (l x w x h)

**Weight:** 1.08 kg (including SpO<sub>2</sub> ECG amp. excluding batteries)

**Power supply:** External supply+9 VDC output @ 0-1.7 amps

**LCD:** Backlit graphical LCD with multi-Language menu

### Interface:

- ECG and RS-232 interface for SCHILLER ECG stress test systems
- USB interface

**Programming:** Menu guidance 5 buttons

**Safety standards:** IEC/EN 60601-1; UL 60601-1, C22.2 No. 601.1-M90; IEC/EN 60601-1-2 (EMC)

**Protection class:** I according to IEC/EN 60601-1 (option: internal power supply)

**Applied part:** BF/CF according IEC/EN 60601-1

**Conformity:** CE 0123 according Directive 93/42/ECC (Medical Devices)

**Classification:** IIa according Directive 93/42/ECC

### Measurement:

#### Methods of measurement:

- Primary: SCHILLER K-Sound Analysis with or without QRS trigger signal for stress test
- Secondary: Oscillometric with smooth linear deflation for resting measurements

#### Measurement range:

- Systolic: 50-270 mmHg
- Diastolic: 20-150 mmHg
- Heart rate: 40-250 BPM

**Measurement intervals:** 2-20 min.

**Memory capacity:** 200 measurements

**QRS trigger:** Signal from external ECG source

#### Sampling intervals:

On command from ECG stress test system, manual or automatic measurement periods from 2 to 20 minute intervals

**Indicator for the user:** On screen message and audio tone for user defined ranges

#### Optional unit version:

Built in SpO<sub>2</sub> module and internal ECG amplifier (to generate the QRS trigger signal to support the blood pressure measurement)

#### Standard accessories:

- Cuff (M)
- User guide
- Velcro fixing pads to secure cuff
- Adhesive pads to fix the microphone
- External power supply
- Head phone
- Communication cable to stress test system
- QRS trigger cable

#### Optional accessories:

- Several cuff sizes
- Battery charger
- Rechargeable batteries
- SpO<sub>2</sub> with cable and ear-sensor
- Patient cable for internal ECG amplifier (IEC coding, Code 1 / AHA coding, Code 2)
- Mini SD card for software update and additional storage of the raw data



RS-232 capability to most ECG systems



USB interface for calibrating the BP-200 plus and SD card for software update or research work



Battery operation (option)

With the BP-200 plus «hands-free» interface, blood pressure readings can be initiated automatically by your stress ECG system at user-defined intervals. After taking a blood pressure measurement, the monitor automatically sends the results to your stress ECG system for immediate display and printout. The BP-200 plus gives you the freedom to concentrate on your patient's performance without the need to manually initiate blood pressure measurements.