



Technical Data

BR-102 plus PWA

System

Device

Dimensions: 100 x 68 x 28 mm (l/w/h)

Weight: 200 grams (including batteries)

Ambient condition

Temperature

- Operation: 10 to 40 °C

- Transport/storage: -10 to 50 °C

Humidity

- Operation: 15 to 95 % non-condensing

- Transport/storage: 10 to 95 % non-condensing

Pressure

- Operation: 700 to 1060 hPa

- Transport/storage: 500 to 1060 hPa

Electrical data

Power: 2 rechargeable NiMH batteries (≥ 2700 mAh), type "AA"¹

Display: Colour OLED display with multi-language menu

Interface: USB interface for data transfer

PC Requirements: USB port

Data Storage: Flash memory and microSD card stores up to 400 readings and 30s of voice recording

Blood pressure module

Programming: Menu guidance; 2 buttons

Measurement duration: 24 hours or 48 hours

BP Technique: Auscultatory (Korotkoff / Riva-Rocci) and oscillometric or only oscillometric, both with linear adjustable deflation

BP Range: 25 - 300 mmHg

HR Range: 25 - 300 bpm

Deflation Speed: 2 - 9 mmHg/s or automatic (3 mm/Hg per beat)

Recording programs: 4 programs with max. 8 modifiable measurements cycles

Measurement intervals: 5 - 120 min

Manual measurement: the patient can trigger an additional measurement at any time during a recording.

¹ We recommend using SCHILLER batteries exclusively, as their capacity and quality has been tested. Care should always be taken that the batteries capacity equals or exceeds 2700 mAh.

Accessories

Standard

Schiller cuff (Size Adult M)

4 NiMH rechargeable batteries

Battery charger

Carrying pouch, patient belt and shoulder strap

USB interface cable

DARWIN2 Software

User guide

Carry case

Optional

SCHILLER Cuff

- **XS:** (14 - 20 cm) / 2.120063 (only oscillometric)

- **S:** (18 - 24 cm) / 2.120064

- **M:** (25 - 35 cm) / 2.120065

- **L:** (30 - 36 cm) / 2.120066

- **XL:** (35 - 46 cm) / 2.120067

SCHILLER Cuff D-ring

- **S:** cuff D-ring Small / 2.120076

- **M:** cuff D-ring Medium / 2.120077

- **S:** cuff D-ring Large / 2.120078

SCHILLER Comfort sleeve

- **XS:** 2.120068

- **S:** 2.120069

- **M:** 2.120070

- **L:** 2.120071

- **XL:** 2.120072

Single use pouches (50 pieces) 2.156086

Warranty

See general terms of condition on www.schiller.ch

Standards

Certification

Safety Standards: IEC 60601-1; IEC 80601-2-30; ISO 81060-1; IEC 1060-3; IEC 60601-1-2

Protection Class: Internal power supply

Applied Part: BF according to IEC/EN 60601-1

Conformity: CE according to Annex II 93/42/EEC (medical devices)

Classification: IIa according to MDD 93/42/EEC

Notified body: CE0123

