



ri-champion® smartPRO/PRO+

NON-INVASIVE, BLOOD PRESSURE MONITOR

A clinically validated blood pressure monitor, designed for fast and reliable readings. Advanced performance with irregular heartbeat detection and averaging capabilities.



Left untreated, high blood pressure can increase the risk of developing serious long-term conditions such as heart disease or kidney disease.¹



The Riester ri-champion[®] smartPRO/PRO+ is a portable, clinically validated blood pressure monitor with irregular heartbeat detection and the simplicity needed for reliable blood pressure readings.

Engineered For Productivity & Patient Satisfaction



Clinical Validation

- › Meets EN 1060-4, NIBP clinical investigation
- › CE/FDA Approved
- › Accuracy to ± 3 mmHg or ± 2 % of reading



Automatic Diagnostics

- › Irregular heartbeat detection
- › Averaging measurement function
- › Optional Bluetooth[®] connectivity



Patient-Friendly

- › Fast and quiet operation
- › Up to 200 measurements on one set of 4 AA batteries
- › Large, easy-to-read backlit screen

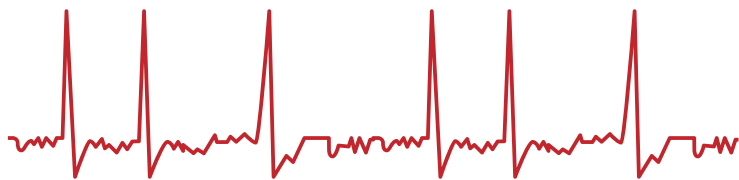
The Power of Knowing

- The risk of heart disease doubles for every 10-point increase in diastolic pressure or every 20-point increase in systolic pressure²
- High blood pressure contributes to approximately half of global cardiovascular disease¹
- Most people with an abnormal heart rhythm can lead a normal life if properly diagnosed¹



How the **smartPRO/PRO+** informs

By analysing the pulse frequency, the **Riester ri-champion® smartPRO/PRO+** can detect irregular heartbeats. If this occurs during the measurement, the IHB symbol will be displayed.



Average Heartbeat Detection

analyses three successive blood pressure measurements to provide greater reliability, achieved by automatically averaging the data for a more consistent result.

Clinically accurate for blood pressure monitoring both at home and in professional settings.



PRODUCT SPECIFICATIONS

Heart rate range	40 – 199 beats per minute
Systolic measurement range	60 – 255 mmHg
Diastolic measurement range	30 – 195 mmHg
Pulse rate measurement range	40 – 199 beats per minute
Maximum inflation pressure	280 mmHg
Accuracy of pressure	±3 mmHg or ±2 % of reading
Accuracy of pulse rate	±4 % of reading
Measurement unit	mmHg or kPa
Power source / supply	Four 1.5 V AA alkaline batteries / DC + 6 V / 1 A (max) via power plug
Battery life	Approx. 200 readings
Size of meter (without cuff)	141 (L) x 121 (W) x 72 (H) mm, 350 g without batteries
Cuff sizes	S (Small): 15 – 24 cm (5.9 – 9.4 inches) with 80 cm air tube W (Wide): 24 – 43 cm (9.4 – 16.9 inches) with 80 cm air tube
Memory	Maximum 400 memory records
External output	Bluetooth® (ri-champion® smartPRO+ only) (Frequency: 2.45 GHz, Bandwidth: 170 MHz, Modulation: GFSK, ERP: 3.54 dBm)
Power saving	Automatic power-off after 3 minutes of inactivity
Operating conditions	5 °C to 40 °C (41 °F to 104 °F), 15 % to 93 % relative humidity, 700 hPa to 1060 hPa
Storage / transportation conditions	-25 °C to 70 °C (-13 °F to 158 °F), 10 % to 95 % relative humidity

ORDERING INFORMATION

1735-BT	ri-champion® smartPRO+ Bluetooth® with adult cuff W (Wide: 24 – 43 cm)
1735	ri-champion® smartPRO with adult cuff W (Wide: 24 – 43 cm)
1736-BT	ri-champion® smartPRO+ Bluetooth® with adult cuff S (Small: 15 – 24 cm)
1736	ri-champion® smartPRO with adult cuff S (Small: 15 – 24 cm)
12633	Adult cuff W (Wide: 24 – 43 cm)
12632	Adult cuff S (Small: 15 – 24 cm)
12631	AC Adapter

Accessories & Options



Cuff Options

Latex-free and BPA-free cuffs



Power Supply

Operates with AC adapter or four AA batteries for flexible charging



Connectivity

Equipped with Bluetooth®

1. NHS UK, Arrhythmia.
2. National Library of Medicine, Article on Arrhythmia.

Please visit **riester.de** for more information