



ri-champion[®] **smartPRO+**



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+ 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 EN1060-4, NIBP clinical investigation
- › CE/FDA Approved
- › Accuracy to ± 3 mmHg or $\pm 2\%$ of reading



Automatic Diagnostics

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



Patient Friendly

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

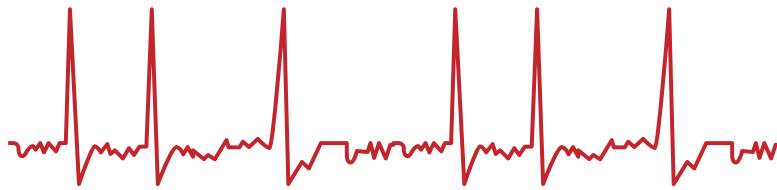
The Power of Knowing

- › 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+** Informs

By analysing the pulse frequency, the Riester ri-champion smartPRO can detect irregular heart beats. If this occurs during the measurement, the IHB symbol will be displayed.



Average Heartbeat Detection

is the analysis of 3 successive blood pressure measurements to provide reliability of measurement, and is achieved by automatically averaging the data to provide a more consistent measurement.

Clinical accuracy
for blood pressure
monitoring both
at home and in
professional settings.



ACCESSORIES & OPTIONS



Blood Pressure Cuffs

the smartPRO+ comes with 2 Latex and BPA free cuff options

Optional AC Adapter

or runs on 4 AA Batteries

Optional Bluetooth® Connectivity

PRODUCT SPECIFICATIONS

Heart Rate Range:	40 – 199 beat per minute
Systolic Measurement Range:	60 mmHg - 255 mmHg
Diastolic Measurement Range:	30 mmHg - 195 mmHg
Pulse Rate Measurement Range:	40 - 199 beats / minute
Maximum Inflation Pressure:	280 mmHg
Accuracy of Pressure:	±3 mmHg or ±2% of reading
Accuracy of Pulse rate:	±4% of reading
Measurement Unit:	Either mmHg or kPa
Power Source/Supply:	Four 1.5 V AA alkaline batteries / DC + 6 V / 1 A (max) via Power Plug
Battery Life:	200 Readings
Cuff Size:	S (Small): 19 - 25 cm (7.5 - 9.8 inches) with air tube 80 cm W (Wide size): 24 - 43 cm (9.4 - 16.9 inches) with air tube 80 cm
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 if system idle for 3 minutes
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

Art. No. 1735-BT	Blood pressure device ri-champion® smartPRO+ with BT and W-cuff
Art. No. 1735	Blood pressure device ri-champion® smartPRO without BT and W-cuff
Art. No. 1736-BT	Blood pressure device ri-champion® smartPRO+ with BT and S-cuff
Art. No. 1736	Blood pressure device ri-champion® smartPRO without BT and S-cuff
Art. No. 12633	Cuff size W (24 - 43 cm)
Art. No. 12632	Cuff size S (15 - 24 cm)
Art. No. 12631	AC Adapter

1. NHS UK - <https://www.nhs.uk/conditions/arrhythmia/>

2. WHO - https://www.who.int/cardiovascular_diseases/en/cvd_atlas_05_HBP.pdf

For the complete line of Riester Products, please visit **Riester.de**