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.

Riester

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 ±2% of reading

Automatic Diagnostics

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

Patient Friendly

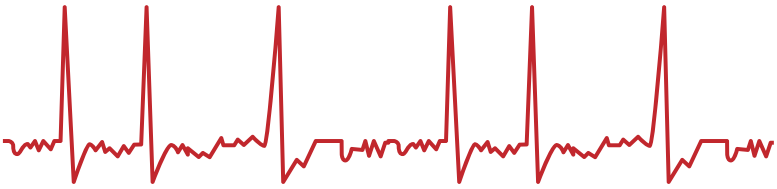
- Fast & quiet operation
- 200 measurements on one set of 4 AA batteries
- Large, easy to read backlit screen

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 pressure[2]
- High blood pressure contributes to approximately half of global cardiovascular disease[1]
- Most people with an abnormal heart rhythm can lead a normal life if properly diagnosed[1]

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

Bluetooth SMART

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): 15 - 24 cm (5.9 - 9.4 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

No. 1735-BT	**ri**-champion® **smartPRO+** Bluetooth with adult cuff W (Wide 24 - 43 cm)
No. 1735	**ri**-champion® **smartPRO** with adult cuff W (Wide: 24 - 43 cm)
No. 1736-BT	**ri**-champion® **smartPRO+** Bluetooth with adult cuff S (Small: 15 - 24 cm)
No. 1736	**ri**-champion® **smartPRO** with adult cuff S (Small: 15 - 24 cm)
No. 12633	Adult cuff W (Wide: 24 - 43 cm)
No. 12632	Adult cuff S (Small 15 - 24 cm)
No. 12631	AC Adapter

1. NHS UK - https://www.nhs.uk/conditions/arrhythmia/
2. National Library of Medicine - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5686931/

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

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