

THERMOMETER



ri-thermo[®] tymPRO+



CLINICAL GRADE, TYMPANIC
THERMOMETER WITH
BLUETOOTH[®] CONNECTIVITY

 **Riester**

Accuracy starts with the tympanic membrane

“One recommendation to improve the technique of ear temperature measurement would be to design an instrument that allows the operator to visualise the tympanic membrane while detecting the infrared radiation emitted from it.”



— Charmaine Childs et al, Tympanic membrane temperature as a measure of core temperature. Archives of Disease in Childhood, March 1999

The Riester ri-thermo® **tymPRO+** is a clinical grade tympanic thermometer with guiding indicator and advanced measuring technology. The unique Riester probe cover with dispenser box provides an efficient workflow, minimizing cross contamination.

When Speed & Accuracy Are Vital



Fast & Accurate

- › Clinical grade reading in 1-2 seconds
- › Guide indicator ensures accurate sensor placement
- › Tympanic measurements calibrated to an oral reference, reflects core body temperature



Safe & Efficient

- › Unique Riester disposable probe covers help prevent cross infection
- › Integrated cradle with convenient probe cover storage
- › Durable, robust design for day to day use; Meets EN 60601-1 Standard



Ease of Use

- › 3000 measurements on one set of batteries
- › Single hand operation
- › Probe Cover designed for patient comfort

Designed For Correct Placement To Ensure Accurate Readings

The Riester **ri-thermo**[®] tymPRO+ is designed with a probe tip measurement guide indicator, ensuring correct positioning of the infrared sensor to the tympanic membrane; this provides accurate and fast measurements with each reading.



tymPRO+ Integrates Seamlessly

Easily connect the tymPRO+ with the **RVS-100** multi-parameter patient monitor to complete vital sign data.



Fast, Safe, Accurate & Comfortable



PRODUCT SPECIFICATIONS

Measurement range:	32.0 °C (89.6 °F) – 43.0 °C (109.4 °F)
Accuracy:	±0.2 °C (±0.4 °F) for the range of 35.0 °C to 42.0 °C (95 °F to 107.6 °F) ±0.3 °C (±0.5 °F) for the range of < 35.0 °C (95 °F) or > 42.0 °C (107.6 °F)
Operating Condition:	10 °C to 40 °C (50 °F to 104 °F), 95 % RH or less non-condensing
Storage Condition:	-20 °C to 60 °C (-4 °F to 140 °F), 95 % RH or less non-condensing
Resolution:	0.1 °C / 0.1 °F
Measurement Unit:	°C (Default) / °F
Display Function:	Hi / Lo Indicator
Power Source:	1.5 V AA x 2 non rechargeable
Battery Life:	At least 3000 measurements
Memory Capacity:	10 measurements
Power saving:	60 seconds
Communication:	Bluetooth Smart (optional)
Dimension / Weight:	150 (L) x 42 (W) x 56 (H) mm / 80 g
Connectivity:	Optional Bluetooth enabled

ORDERING INFORMATION

No. 1835-BT	tympanic thermometer ri-thermo® tymPRO+ Bluetooth
No. 1835	tympanic thermometer ri-thermo® tymPRO
No. 12634	Probe cover for ri-thermo® tymPRO 1 rack / 10 pcs
No. 12640	Probe cover for ri-thermo® tymPRO 30 racks / 300 pcs
No. 12953	Calibration kit for ri-thermo® tymPRO
No. 12911	Anti-theft cable, length 50cm, black, keyring at both end for ri-thermo® tymPRO
No. 13347	Bluetooth connectivity: Bluetooth USB-Dongle for RVS-100

More from the **ri-thermo®** line of thermometers



**ri-thermo®
sensioPRO+
NON-CONTACT INFRARED
THERMOMETER**



1. C. Childs et al, Tympanic membrane temperature as a measure of core temperature. Archives of Disease in Childhood, March 1999. <https://adc.bmj.com/content/80/3/262>

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