



ri-thermo[®] tymPRO+



CLINICAL GRADE,
TYMPANIC
THERMOMETER WITH
BLUETOOTH[®]
CONNECTIVITY

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



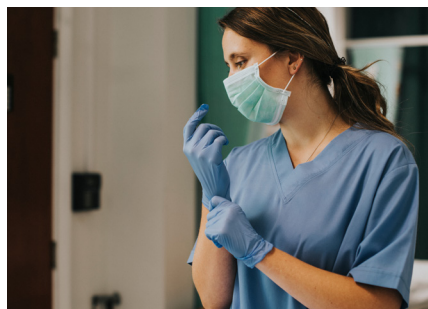
The ri-thermo[®] **tymPRO+** is a clinical grade tympanic thermometer with guiding indicator and advanced measuring technology. The unique probe cover with dispenser box provides an efficient workflow, minimizing cross contamination.

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 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 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°C to 42°C (95°F to 107.6°F) ±0.3°C (±0.5°F) for the range of < 35°C (95°F) or > 42°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 Mode	60 seconds
Communication	Bluetooth Smart (optional)
Dimension/Weight	5.9" (150 mm) L x 1.7" (42 mm) W x 2.2" (56 mm) H / 2.82 oz (80 g)
Connectivity	Optional Bluetooth enabled

Ordering Information

97-1835-BT.018	tympanic thermometer ri-thermo® tymPRO+ Bluetooth
97-1835.018	tympanic thermometer ri-thermo® tymPRO w/o Bluetooth
97-12640	Probe cover for ri-thermo® tymPRO 30 racks/300 pcs

More from the ri-thermo® line of thermometers



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



**ri-thermo®
fastPRObe**
FAST READING
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>



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