



The Rossmax RA600Q Infrared Ear Thermometer (VM-THRIRE / RA600Q) is a clinical-grade tympanic thermometer measuring body temperature from the tympanic membrane in approximately 1 second, across a range of 34–42.2°C with $\pm 0.2^{\circ}\text{C}$ accuracy. Suitable for newborns through to adults, the RA600Q features 35-reading memory, a fever alert, $^{\circ}\text{C}/^{\circ}\text{F}$ switching, auto power-off, and a disposable probe cover system for cross-infection prevention in multi-patient settings. CE and ISO certified, the VM-THRIRE is available from Vital Medical South Africa.

Clinical Tympanic Thermometry with 1-Second Measurement

The Rossmax RA600Q Infrared Ear Thermometer (VM-THRIRE / RA600Q) is a clinical-grade tympanic thermometer that measures body temperature from the tympanic membrane via the external ear canal in approximately 1 second, providing rapid and accurate temperature readings for patients from newborns to adults. Tympanic thermometry measures the infrared energy emitted by the tympanic membrane and surrounding ear canal tissue — a site that closely reflects core body temperature due to its proximity to the hypothalamic thermoregulatory centre and its shared blood supply with the brain. The RA600Q measures across a body temperature range of 34–42.2°C with $\pm 0.2^{\circ}\text{C}$ accuracy, providing the clinical precision required for fever screening and patient temperature monitoring in hospital, clinic, and home settings. The gentle probe tip design is safe for use in infant ear canals as well as adult ears, making it a single instrument suitable for family and

paediatric ward use without modification.

35-Reading Memory, Fever Alert, and Hygiene System

The RA600Q stores 35 temperature readings in memory, enabling a retrospective temperature history for patient monitoring over time — particularly useful for tracking fever progression and response to antipyretic treatment in both acute and chronic illness management. A fever alert function provides immediate audible and visual notification when a measured temperature exceeds the clinical fever threshold, supporting rapid identification of febrile patients in high-volume screening environments. The °C/°F unit switch accommodates clinical and personal preference, and auto power-off conserves battery between readings. Disposable probe covers are used with the RA600Q between patients to prevent cross-infection, maintaining hygiene standards in multi-patient clinical use without the need for disinfection of the probe tip between measurements.

South African Clinical and Home Applications

The VM-THRIRE is suited to South African hospital wards, paediatric units, emergency departments, outpatient clinics, nursing homes, and GP consulting rooms where rapid, hygienic, non-invasive temperature measurement is routinely required. Its combination of 1-second measurement, large memory capacity, and fever alert makes it equally practical for home use by South African families managing illness in infants, children, and adults. CE and ISO certified, the RA600Q meets the quality and accuracy standards required for clinical thermometry. Available in South Africa from Vital Medical, the Rossmax RA600Q delivers reliable tympanic temperature measurement for professional and domestic healthcare settings.

Technical Specifications

Specification	Value
Brand	Rossmax

Specification	Value
Model	RA600Q
VM SKU	VM-THRIRE
Type	Infrared ear (tympanic) thermometer
Body temperature range	34-42.2°C
Accuracy	±0.2°C
Measurement time	~1 second
Memory	35 readings
Fever alert	Yes
Temperature unit	°C / °F (switchable)
Auto power-off	Yes
Probe covers	Disposable — hygienic
Age range	Newborn to adult
Certifications	CE, ISO

SKU: VM-THRIRE