

The Braun ThermoScan 7+ Ear Thermometer (VM-BT7EP) is a clinically validated infrared tympanic thermometer featuring Age Precision technology — automatically applying age-specific fever thresholds for three groups (0–3 months, 3–36 months, 36 months and older) — with colour-coded backlit LCD display (green, yellow, red) for instant result interpretation. The patented pre-warmed tip (34°C) reduces measurement error from a cold probe, while the ExacTemp guidance light and confirmation beep verify correct ear canal positioning before measurement. Delivers results in approximately 2 seconds. Stores the last 9 readings. Includes Night Mode with built-in illumination and silent operation. Requires disposable Braun Hygiene cap lens filters for hygienic use. Powered by 2×AA batteries

Age Precision Technology and Colour-Coded Fever Guidance

The Braun ThermoScan 7+ (VM-BT7EP) is an infrared ear thermometer that addresses one of the most common sources of clinical uncertainty in home and ward-based temperature monitoring: the fact that fever thresholds differ meaningfully by age. The built-in Age Precision system allows the user to select from three age groups — 0 to 3 months, 3 to 36 months, and 36 months and older — and automatically applies the appropriate fever threshold for that group when interpreting the result. The backlit LCD display communicates the interpretation via colour coding: green for normal, yellow for elevated, and red for fever, eliminating the need to manually cross-reference age-specific threshold tables at the point of care. This is particularly valuable in frail care, paediatric nursing, and home use settings where carers and parents may not be confident applying clinical temperature interpretation criteria without support built into the device.

Pre-Warmed Tip, ExacTemp Positioning Guidance, and 2-Second Measurement

The ThermoScan 7+ incorporates a patented pre-warmed probe tip, maintained at 34°C, which addresses a known source of measurement error in infrared ear thermometry: a cold probe tip introduced into the ear canal absorbs heat from the tympanic membrane and surrounding tissue before the measurement is taken, causing the reading to under-report the true temperature. By pre-warming the tip to near-body temperature, the ThermoScan 7+ reduces this artefact and produces more consistent, repeatable readings across successive measurements. Correct probe positioning in the ear canal is critical to tympanic thermometry accuracy; the ExacTemp indicator light and confirmation beep provide real-time guidance by confirming that the probe is correctly positioned and that a stable, valid measurement has been captured before the result is displayed. Results are delivered in approximately 2 seconds, making it practical for use with uncooperative paediatric patients or in high-throughput clinical screening.

Memory, Night Mode, Hygienic Operation, and Clinical Trust

The 9-reading memory enables caregivers and clinicians to track temperature trends over time without manual recording — relevant when monitoring fever progression or response to antipyretic treatment. The built-in Night Mode provides soft illumination for taking temperature readings in low-

light conditions without disturbing a sleeping patient, combined with a silent mode that suppresses audible alerts to avoid waking a resting child. Each measurement requires a single-use Braun Hygiene cap lens filter, which covers the probe tip and prevents cross-contamination between users — an essential infection control consideration in multi-patient clinical environments, frail care facilities, and family homes with multiple users. The Braun ThermoScan range is widely used and recommended by healthcare professionals globally, and the ThermoScan 7+ represents the premium tier of the range. Powered by 2×AA batteries (included), model IRT 6525. Note: this standard model does not include Bluetooth connectivity. Available in South Africa from Vital Medical.

TECHNICAL SPECIFICATIONS TABLE

Specification	Detail
Brand	Braun
Model	ThermoScan 7+ / IRT 6525
SKU	VM-BT7EP
Measurement Method	Infrared ear (tympanic) thermometry
Response Time	~2 seconds
Accuracy	Clinically validated
Age Precision Groups	0–3 months / 3–36 months / 36 months+
Display	Backlit colour-coded LCD (Green / Yellow / Red)
Stability Indicator	ExacTemp positioning light + confirmation beep
Probe Tip	Pre-warmed to 34°C (patented)
Memory	Last 9 readings
Night Mode	Built-in illumination + silent mode
Hygiene	Single-use disposable Braun Hygiene caps (lens filters) required
Power	2 × AA batteries (included)
Connectivity	None (standard IRT 6525; Bluetooth not included)

SKU: VM-BT7EP