

Temporal Artery Thermometer: Model TAT-5000

Warranty: Lifetime

Part Numbers:

124275	TAT-5000 Infrared Temporal Artery Thermometer - Arterial Calibration
134203	Responsible Caps Box of 1000 caps <i>-Reusable on same patient, or between patients after disinfecting spray or soak</i>
129462	Disposable Tubular Sheaths <i>-Reusable on same patient, covers entire instrument</i>

Instrument Specifications:

Clinical Accuracy	± 0.2°F or 0.1°C - per ASTM E1112, the only IR thermometer to meet these standards, which are the most stringent in the industry
Temperature Range	61 to 110°F (16 to 43°C)
Operating Environment (Ambient)	60 to 104°F (16 to 40°C)
Arterial Heat Balance Range for Body Temperature*	94 to 110°F (34.5 to 43°C)
Resolution	0.1°F or °C
Response Time	Approximately 0.04 seconds
Time Displayed on Screen	30 Seconds
Battery Type and Life	9-volt alkaline battery, providing approximately 15,000 readings**
Size	2.0" x 8" x 1.25" (5.0 cm x 20.0 cm x 3.0 cm)
Weight	7.5 oz (213 gm)
Case Shielding	Complete copper coating for EMI and RFI protection
Display Type and Size	Large, bright red LED's, easily readable in any lighting
Construction Method	Industrial duty, impact resistant casing, hermetically sealed sensing system, stainless steel probe
Materials Used	The materials used contain no latex

*Automatically applied when temperature is within normal body temperature range, otherwise reads surface temperature.

** Approximate number of readings when scanning for 5 seconds and reading the temperature display for 3 seconds before turning thermometer off.

Disposable Wrap and Tubular Sheath Material:

- Film is a type of polyethylene, FDA approved according to regulation CFR 177.1520(c)3.2.
- Material Safety Data Sheets available on request.
- The materials used contain no latex.

Approvals:

US Food and Drug Administration (FDA) 510(K) Nos. K011291, K873010; European CE Mark, 0197, TUV, Declaration of Conformity-ISO 13485; Health Canada, Canadian Therapeutic Products Directorate, Medical Devices Bureau, License 63260, Class II Devices/Instruments; National Institute for Standards and Technology (NIST) certifiable traceable calibrations; Meets or exceeds all American Society for Testing and Materials (ASTM) and Medical Device Directive (MDD) 93/42/EEC standards for radiation thermometers; Underwriters Laboratories (UL) Mark for product safety testing certification; (CSA) Mark for product safety testing certification.

Patents:

Protected by the following US patents: 4636091, 5012813, 5199436, 5653238, 5874736, 6045257, 6047205, 6056435, 6292685, 6299347, 6319206, 4993419, 5445158, D370,860, 6219573, 6241384, 6292685, 6299347, 6319206, 6,402,371. Other US and foreign patents pending.



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