EXERGEN

Temporal*Scanner*

Temporal Artery Thermometer: Model TAT-5000

Warranty: Lifetime

Part Numbers:

124275	TAT-5000 Infrared Temporal Artery Thermometer – Arterial Calibration
124375	TAT-5000 Infrared Temporal Artery Thermometer - Oral Equivalent Calibration
124378	TAT-5000 Infrared Temporal Artery Thermometer – Arterial Calibration (Preset in Celsius)
124379	TAT-5000 Infrared Temporal Artery Thermometer – Oral Equivalent Calibration (Preset in Celsius)
134203	Resposable Caps Box of 1000 caps *-Reusable on same patient, or between patients after disinfecting spray or soak*
129462	Disposable Tubular Sheaths *-Reusable on same patient, covers entire instrument*

Instrument Specifications:

Clinical Accuracy	± 0.2°F or 0.1°C - per ASTM E1112
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 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 off the thermometer.

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, K882949; European CE Mark, 0197, TUV, Declaration of Conformity-ISO 13485; CMDCAS: TUV Certificate; 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 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: 228641 for product safety testing certification.

Patents:

Protected by the following US patents: 5,874,736; 5,893,833; 6,045,257; 6,056,435; 6,241,384; 6,292,685; 6,299,347; 6,319,206; 6,402,371; 6,499,877; 6,547,744; 6,932,775; 7,314,309; 7,346,386; 7,787,938. Other US and foreign patents pending.