

GE Healthcare

Temporal Scanner

Temporal Artery Thermometer

Simply a better way to take a patient's temperature



Non-invasive, fast, easy, and accurate — An innovation in thermometry



More accurate than a tympanic thermometer.

Body temperature is one of the most basic indicators of a patient's health. A fast, accurate thermometer is essential for capturing this important reading.

The Temporal Scanner® temporal artery thermometer advances temperature measurement to a new level of performance. The Temporal Scanner, a non-invasive temporal artery thermometer, enables you to easily take a patient's temperature with speed, precision, comfort and accuracy— generating clinical intelligence you can rely on to make timely and well informed care decisions.

The Temporal Scanner is as accurate as rectal, esophageal, and pulmonary artery thermistor temperatures. The Temporal Scanner should be your thermometer of choice for reliable, precise non-invasive readings.



The Temporal Scanner temporal artery thermometer is easy to use, ergonomically shaped and light weight for comfort. Patient's temperature readings are gathered quickly and displayed clearly and visibly. The Temporal Scanner may be used on patients ranging from infants, and children, up to adults.

Unlike oral and rectal thermometers, the Temporal Scanner does not come into contact with mucous membranes. Since the Temporal Scanner only comes in contact with the skin, cleaning and disinfecting are made easy. You can clean the Temporal Scanner using the same cleaning protocol as used in cleaning a stethoscope. In addition, the silver ion anti-microbial head has been found to reduce the population of Staphylococcus (Staph), Listeria, and Escherichia coli (E-Coli), helping to support your infection control efforts by reducing the potential for cross-contamination¹, which may eliminate the need for temperature probe covers (together with the associated costs and waste).

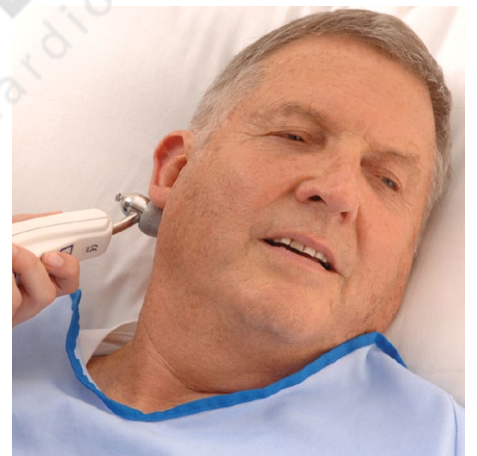
Caregivers and patients alike will appreciate this advanced, non-invasive approach that makes taking temperature quick and comfortable.

Non-Invasiveness + Speed = Patient Comfort

In addition to providing a non-invasive means to measure temperature, the Temporal Scanner is fast -- it can provide an accurate temperature reading in seconds. Further, similar to pulmonary artery temperature, the Temporal Scanner identifies changes in your patient's temperature sooner than rectal measurements and with more reliability than axillary measurements.

The Temporal Scanner not only generates clinical intelligence you can rely on to make timely and well informed care decisions, it can support your efforts to enhance patient comfort as part of the caregiving process.

Getting a reading is as easy as 1-2-3



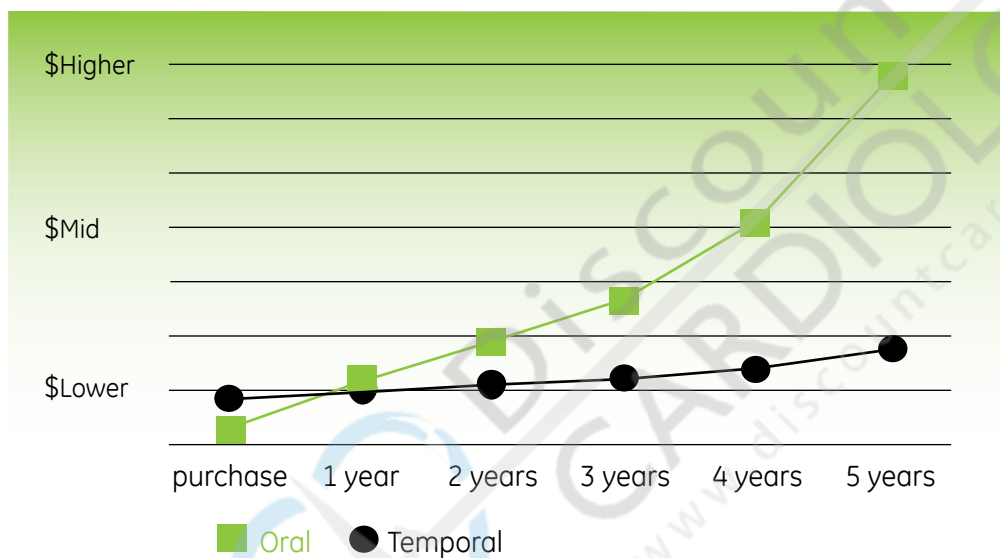
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Cost-Effective Without Compromise

Compared to oral thermometers, the Temporal Scanner temporal artery thermometer can offer a lower overall cost of ownership – with a higher degree of performance and accuracy. Further, by reducing the need for probe covers, the Temporal Scanner can reduce thermometry-related expense and waste.

In addition, the Temporal Scanner is provided with a manufacturer's lifetime limited warranty -- compare to the typical three-year warranty provided on oral thermometers. Rest assured in knowing that your up-front investment in the Temporal Scanner will be protected over the life of the thermometer.

Typical Customer Life-time Ownership Cost²
Temporal Scanner (no probe covers) vs. Oral (with probe covers)



Temporal Scanner Advantages

Method	Accuracy of core temperature	Silver Ion antimicrobial infection protection	Cost effective
Temporal Scanner	Yes	Yes	Yes
Oral	Not always	No	No
Rectal	Yes	No	No
Axillary	Not always	No	No
Tympanic/Ear	Not always	No	No

An accurate, fast, cost-effective and comfortable thermometer, the Temporal Scanner offers advantages over other temperature-taking methods. The accuracy of the Temporal Scanner has been shown to be more reliable than axillary temperatures. Oral temperatures can be affected by placement and other variables. Further, rectal measurement can be slow to pick up changes in temperature. Finally, by reducing the need for probe covers, the Temporal Scanner can be provide a cost effective alternative to traditional temperature measurements.

Supports Infection Control

The Temporal Scanner temporal artery thermometer provides the added protection of a silver ion antimicrobial head, which is capable of self-disinfecting. The silver ion anti-microbial head kills microbes such as E-Coli, Staph and Listeria. In addition, laboratory tests¹ show that Methicillin-Resistant Staphylococcus aureus (MRSA) and Vancomycin-Resistant Enterococcus faecalis (VRE) are cut by more than 20 percent in 10 minutes, and reduced to undetectable levels in 6 hours. Plus, since the Temporal Scanner does not come in contact with mucous membranes, the risk of patient infection is reduced. This helps protect patients from harmful bacteria and can support your organization's infection control initiatives.



Cleaning the Temporal Scanner is as easy as cleaning a stethoscope. The Temporal Scanner (other than the lens) can be cleaned with any hospital-approved disinfectant, including bleach solutions. Clean the lens only with alcohol.

- (1) Lee, J.H. Laboratory Study of the Antimicrobial Effect of Silver Zeolite in Polybutylene Terephthalate against Methicillin-resistant Staphylococcus aureus and Vancomycin-resistant Enterococcus white paper, Exergen Corporation, 2005, Oct
- (2) The chart has been created by GE Healthcare based on information at <http://exergencorporation.web.officelive.com/default.aspx>



Part Numbers/Descriptions

Devices

- EX124378 Exergen TAT-5000 Arterial Calibration, Int'l Deg C
- EX124379 Exergen TAT-5000 Oral Calibration, Int'l Deg C

The Temporal Scanner is factory set to read either temperature with Oral or Arterial Calibration depending upon the part number ordered. For degrees Celsius or Fahrenheit reading, customers may switch the units from Celsius to Fahrenheit or vice-versa by changing switch inside the battery compartment.

Roll-A-Bout & Wall Basket

- EX129455 Roll-A-Bout Cart with Double Basket and 6' (182,88 cm) Vinyl-covered twisted steel cable
- EX134300 Wall Basket, Baked Enamel Finish
- EX134301 Wall Basket, Silvertone Finish

Instrument Holder

- EX134201 Instrument Holder for Standalone
- EX134305 Keyless Locking Wall Mount, Instrument Holder
- EX134306 Keyless Locking Wall Mount Combo Units (holds both Instruments and Caps)

Security Cable

- EX124309 Security Cable 8' (243,84 cm) Coiled Rubber
- EX124311 Security Cable 8' (243,84 cm) Coiled Rubber, Latex Free, Red
- EX134302 Security Cable, 6' (182,88 cm), Vinyl-covered, braided steel cable with lock and key (field attached)
- EX134030 Security Cable 8' (243,84 cm) Vinyl steel

Cover Probe

- EX134203 Resposable Caps, Exergen, Box of 1000
- EX134205 Resposable Caps, Exergen, Box of 5000
- EX129462 Tubular Sheaths, Box of 250

Verification Kit

- EX129003 Calibration Verification Kit
- EX129012 Calibration Verification Heat Generator, use with either 9-volt Battery or AC Adapter (both included)

About GE Healthcare

GE Healthcare provides transformational medical technologies and services that are shaping a new age of patient care. Our broad expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, biopharmaceutical manufacturing technologies, performance improvement and performance solutions services help our customers to deliver better care to more people around the world at a lower cost. In addition, we partner with healthcare leaders, striving to leverage the global policy change necessary to implement a successful shift to sustainable healthcare systems.

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GE imagination at work

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