

Exergen Temporal Artery Thermometer

Product Family Brochure



- Accurate (supported by > 100 clinical studies)
- Fast
- Easy to use (even on a sleeping child)
- Life time warranty professional model
- Cost efficient
- Green - no caps - no waste



ABOUT TEMPORAL ARTERY THERMOMETERS

The Temporal Artery Thermometers designed and manufactured by Exergen Corporation of the USA are available in several versions:

- the TAT-5000 and TAT-5000S for heavy-duty use in hospitals and professional medical facilities
- the TAT-2000 for light-weight use in schools, nursing homes etc
- the TAT-2000C for at-home use

All Temporal Artery Thermometers are non-invasive thermometers, which is ideal for patients. The Temporal Artery Thermometers measure the temperature of the blood in the temporal artery on the forehead of a patient. Such a measurement of the core body temperature is not only non-invasive and thus very comfortable. It is also a very accurate method of measuring the body temperature.

The Exergen Temporal Artery Thermometers are supported by more than 100 peer-reviewed and published clinical studies.

Advantages of Temporal Artery Thermometers

All Exergen Temporal Artery Thermometers are based on the same technology. The core temperature of a patient is measured using a gentle swipe across the temporal artery on the forehead.

Exergen Temporal Artery Thermometers are very efficient, because:

- they are highly accurate
- Temporal Artery Thermometers are non-invasive, so very safe and comfortable for the patient
- they are fast (a measurement takes just 1-2 seconds) and very easy to use by both doctors, nurses and at-home users
- they offer a very high quality at a very affordable price
- Temporal Artery Thermometers can be used without disposable caps on the sensor, eliminating unnecessary waste
- they have a very robust design and industrial grade manufacturing quality

About Exergen Corporation

Exergen Corporation is the widely recognized, American based, designer and manufacturer of innovative, state of the art temporal artery thermometers and thermal sensor solutions. In 2-3 seconds Exergen's temporal artery thermometer will provide a very accurate reading of the blood-centred temperature of the temporal artery, in not only a very efficient but also in an extremely easy manner. This disruptive technology is so unique as it combines accuracy, ease of use, non-invasiveness, cost-effectiveness and speed all together in one thermometer. The Exergen family line of thermometers offers solutions for hospitals (TAT5000/S), clinics/elderly homes (TAT2000) and home use (TAT2000C). Being the market leader and taking over 2 billions times the temperature in the USA, this technology has finally arrived in India. Hospitals like Boston General Mass and John Hopkins University have been adaptors for quite some time.

Dr. Franciscus Pompei, CEO and founder of Exergen Corporation, is Harvard and MIT educated and still an active scientist in cancer research in the Department of Physics at Harvard University. He has protected his inventions by a wide portfolio of over 60 patents including the heat balance technology. Next to that, the line is supported by over 100 clinical studies.

TEMPORAL ARTERY THERMOMETERS - AT-HOME USE

TAT-2000C

With over a billion temperature measurements per year in the USA alone the Exergen Temporal Artery Thermometers is the #1 preferred thermometer in hospitals and professional care institutions. Pediatricians and nurses love their TAT-5000(S) so much that they also very much recommend the TAT-2000C for use at home.

The TAT-2000C Series is available in two models: the TAT-2000C Original and the TAT-2000C SmartGlow.

The TAT-2000C SmartGlow is identical to the TAT-2000C Original but also includes:

- a SmartGlow illuminated display
- the option to store up to 8 temperature readings
- a programmable beeper
- a 9V battery



TAT-2000C specifications:


Clinical accuracy	meets ASTM E1965-98 and EN60601-1 standards
Temperature range	15,5 to 42 °C or 60 to 107.6 °F
Operating environment	15,5 to 40 °C or 60 to 104 °F
Resolution	0,1 °C or 0.1 °F
Response time	Approx 0,04 seconds
Time displayed on screen	30 seconds before automatic shutdown
Battery Life	Approx 1000-5000 readings
Size	17,8 x 4,45 x 3,18 cm or 7.0 x 1.75 x 1.25 in
Weight	130 grams or 4.5 oz
Display type	high contrast LCD
SmartGlow display	available with TAT-2000C SmartGlow
Programmable beeper	available with TAT-2000C SmartGlow
Construction method	- impact resistant casing - hermetically sealed sensing system
Storage range	-20 °C to 50 °C or -4 F to 122 °F
Warranty	3 years

TEMPORAL ARTERY THERMOMETERS - ACCESSORIES

Disposable Caps	Box of 1000 – 20 sleeves of 50 each. Latex free. Fits all Exergen Temporal Artery Thermometers using disposables
Tubular Sheaths	Latex free. Complete covering for optimum cross-contamination protection. Fits all temporal artery thermometers
Keyless Locking Wall Mount	Instrument Holder
Keyless Locking Wall Mount with Instrument Holder and Cap Holder	Holder plus integrated cap dispenser shown with caps
Instrument Holder	Convenient wall-mounted cradle
Calibration Kit	For professional thermometers only

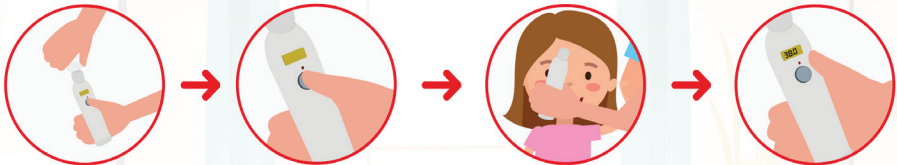
All Exergen Temporal Artery Thermometers are extremely easy to use

For example, this is how to use the TAT-2000C at home



This is how you use the TAT-2000C Temporal Artery Thermometer for children

Fast - accurate - easy - comfort



1. Remove the protective cap from the thermometer
2. Press and Hold the button
3. Make sure to wipe the hair away. Now gently swipe thermometer across the forehead
4. Release the button and read the temperature

When to call a doctor:

- The child is listless or irritable and/or vomits repeatedly
- Has severe headaches or stomachache
- Has other symptoms that cause significant discomfort
- Has a fever after being left in a hot car
- Has a fever that lasts longer than 3 days
- Appears listless and has poor eye contact with the parent or caretaker

Source: Johns Hopkins University <https://www.hopkinsmedicine.org/health/conditions-and-diseases/fever> March 1, 2020

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