

## TAT-5000/5000s

*For use in hospitals and clinics*

*Supported by over 70 peer-reviewed and published clinical studies*

### The All-New TAT-5000 and TAT-5000S

With half a billion temperature measurements in the USA per year the TAT-5000 is the preferred thermometer of doctors and nurses.

The latest model uses an internally developed Super Plastic. After two years of research and intense testing Exergen Medical is using this new proprietary plastic material for housings which resists the harshest chemical cleaners in use in hospitals at least 29 times longer than current materials.

### Superior functionality and ease of use

Ensuring superior functionality in the most demanding of hospital environments, the TAT-5000 easily stands up to the heavy duty demands of a high-performance hospital workplace, including intensive care units and emergency departments, and all inpatient units. Rugged, reliable construction and protected by Lifetime Guarantee.

Depending on patient care requirements, the TAT-5000 allows the choice of using disposable covers, or cleaning between patients with a disinfectant wipe, providing the means for significant cost savings by eliminating or substantially reducing probe cover usage. This revolutionary feature provides payback for full hospital installation in less than one year. The TAT-5000 Series is backed by a Lifetime Warranty.

### Two models

The TAT-5000 series is available in two models. The TAT-5000 is a stand-alone thermometer. The TAT-5000S can be connected to leading vital signs monitors such as:

- Philips SureSigns VS4
- GE Healthcare VC§150, V100
- Mindray
- Corometric – Midmark IQvitals Zone
- Capsule SmartLinx Vitals Plus
- Spacelabs Qube
- Xprezzon
- Qube Mini
- Schiller Diagnostic Station DS20

### Characteristics

- Very accurate temperature measurement
- Non-invasive, so fast, safe and comfortable for the patient
- Fast, easy, and convenient for both doctors and nurses
- Low cost: payback less than 1 year. Independent studies show 90% hospital cost reduction compared to other thermometers
- More sustainable use of cover is optional, therefore a future with NO WASTE
- Industrial-duty construction: Lifetime Warranty – unique to thermometry
- Chemically resistant materials stand up to harsh disinfectants
- Supported by over 70 peer-reviewed and published clinical studies:

<https://www.exergen.com/professional-medical-products/clinical-studies>



Clinical accuracy per ASTM E1112	± 0,1 °C (0,2 °F)
Temperature Range	16-43 °C (61-110 °F)
Arterial heat balance range for body temperature*	34,5-43 °C (94-110 °F)
Operating environment	16-40 °C (60-104 °F)
Resolution	0,1 °C or °F
Response time	~ 0,04 seconds
Battery life	15.000 readings**
Time displayed on screen	30 seconds

Size	5x20x3 cm (2.0x8.0x1.25 inch)
Weight	213 grams (7.5 oz)
EMI and RFI protection	complete copper coating on inside of casing
Display type and size	large bright LED's
Construction method	<ul style="list-style-type: none"> <li>• industrial duty impact resistant casing</li> <li>• hermetically sealed sensing system</li> <li>• stainless steel probe</li> </ul>
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Warranty	Lifetime

\*) 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.

### Training and virtual classroom

The TAT-5000 is extremely easy to use. Here is how.

Please note, that there is a TAT-2000 for patient care at home. This version will be ready Q1 2019.



Or visit our Virtual Classroom at <https://www.exergen.com/professional-medical-products/temporal-artery-thermometer-videos>. Or scan this QR code with your smartphone.