

**New TAT-5000 sensor head material:  
Improving performance while lowering costs**

- Improved resistance to chemical cleansers
- Improved resistance to chipping
- No expiration – no replacement costs
- Clean white appearance

**Exergen TemporalScanner™ Thermometer  
Infection Control Considerations**

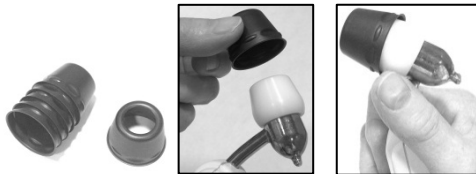
**Methods of Cleaning:** Unlike most other thermometers, the Exergen TemporalScanner does not come into contact with mucous membranes, and as such, the following options are available against the risk of cross-contamination when using the instrument between patients.

**Alcohol Swabs:** The vast majority of hospitals have approved wiping the sensor head between patients with an alcohol swab or alcohol wipe, the typical method of choice for cleaning the stethoscope diaphragm between patients, and the most cost effective method. 70% isopropyl alcohol is recommended.

**Resposable/Disposable Covers:**

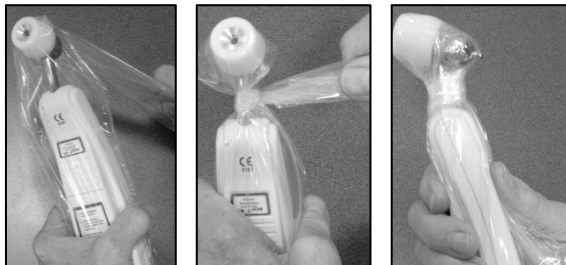
Resposable/Disposable covers, meaning they can be used once and discarded, or reused on the same patient, are available for all levels of cross-contamination protection should they be preferred for certain patient populations, and are still very cost effective. These options include resposable caps and full instrument sheaths, the sheaths being mainly used for isolation patients.

- **Using the Resposable/Disposable Caps:**



1. Apply cap by pushing onto the sensor head with fingers.
2. Remove cap by pushing edge forward with thumb.
3. Caps may be reused on the same patient.

- **Using the Full Instrument Sheaths:**



1. Insert instrument into sheath bottom end first.
  - If instrument is on a cable, insert sensor head end first and twist sheath at neck with fingers to assure film is smooth over sensor head lens.
2. Wrap additional film around sensor head neck.
  - Film should be smooth over sensor head lens.
3. Slide additional film under fingers while using.

**Routine Maintenance:**

With normal use, the only maintenance required is to keep the little lens in the center of the sensor head clean. Periodic lens cleaning is a must. Dirt, greasy films or moisture on the lens will interfere with the passage of infrared heat and affect the accuracy of the instrument. Only alcohol should be used on the lens, and this warning is prominently affixed to the front of each instrument as shown on the right.



- Clean the lens with a cotton tipped stick applicator (Q-Tip, Cotton Bud, etc.) moistened in alcohol or with an alcohol swab.
- Twisting an alcohol swab to clean the lens is not recommended, a stick applicator must be used to reach and clean the small lens deep in the center of the probe head.
- Cleaning the small lens every two weeks (biweekly) is recommended.

**Use of Aggressive Disinfectants:**

Strong bleach-based and ammonium-based products have become very common due to heightened concerns regarding the risk of nosocomial infections, but these aggressive disinfectants can damage plastics. Some disinfectants are: DisCide Ultra Disinfecting Wipes; Hydrogen peroxide; Isopropyl Alcohol 70%; Mikrozid AF Liquid; Minncare; Oxivir; PDI Sani Cloth Plus (red top). Follow manufacturer's instructions on the label of the specific disinfectant being used. Exergen has not validated that any disinfectants provide sterility.

Alcohol only applies to the IR sensor lens, as the bleach and ammonium based products may leave a residue on the sensor lens which would interfere with the accuracy of the measurement.

**Further Information or Questions:**

Please visit our Main Website at [www.exergen.com](http://www.exergen.com) , Clinical Website at [www.Tathermometry.org](http://www.Tathermometry.org) , Virtual Classroom Training site [www.exergen.com/ww](http://www.exergen.com/ww) , or contact [service@exergen.com](mailto:service@exergen.com).



Virtual Classroom Training