



InnoSense LLC is a technology firm serving the aerospace, defense, energy, and healthcare markets. We develop cutting edge innovations in chemical and biological sensing, and nanomaterial technologies. Learn more about our latest innovations at

[www.innosensellc.com](http://www.innosensellc.com)



InnoSense LLC is located in sunny Southern California. We have teaming arrangements with large and small companies to transition our technologies to commercially viable products.



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# THERM-E-LOG™

## TIME-TEMPERATURE DOSIMETER

### US PATENTS

### 8,979,361 B2; 9,310,258 B2

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## TIME-TEMPERATURE DOSIMETER US PATENTS 8,979,361 B2; 9,310,258 B2

**InnoSense LLC's** Therm-E-Log™ is an easy-to-read, battery-free temperature dosimeter. This device can monitor the thermal history of a variety of temperature-sensitive shipments, such as ordnance, food and medical supplies. Therm-E-Log™ will record the shipment's temperature from manufacture to end-of-life.

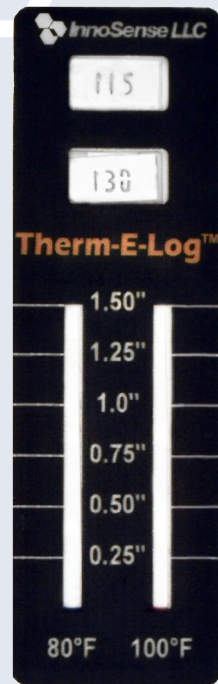
Originally designed to meet the U.S. Army's ammunition monitoring needs, Therm-E-Log's customizable features can accommodate the needs of many industries.



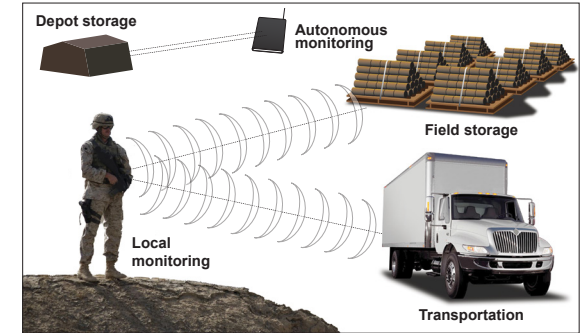
*Therm-E-Log's™ technological improvements over other temperature dosimeters fits the demands of various industries.*

## TECHNOLOGICAL BENEFITS

- Long lifespan
- Low cost
- Battery-free, no power necessary
- Direct reading and easy to use
- Irreversible colorimetric visual indicators
- Displays cumulative thermal history
- Customizable temperature ranges, from 0–200 °F
- Smartphone app reads more precise exposure data and provides advance quality control management



*Therm-E-Log™ can be customized to fit the temperature range need of any application.*



*Therm-E-Log's™ remote ammunition monitoring capability increases personnel safety.*

## POTENTIAL APPLICATIONS

### Military

- Ammunition monitoring
- Long-term packaged food, such as Meal, Ready to Eat (MRE) rations

### Food Industry

- Transportation, distribution and storage of perishable foods
- Beer/wine, gourmet/specialty drinks

### Medical Industry

- Pharmaceuticals
- Biologicals
- Medical supplies and organ transportation and storage



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