Outgoing Temperature
169F

Inside Jacket Temperature
260F

Incoming Temperature
288F

Touch Temperature
97F
Save Money
Our clients know that energy savings are a key benefit of our removable & reusable insulation jackets, but sometimes just knowing isn’t enough.

Watch It Happening
Embedded sensors and electronics measure and wirelessly transmit vital information from each jacket to a remote monitoring station that displays, records, and analyzes the data. You can view the data on your desktop – or on the go with a tablet, or smartphone – via the Internet.

Prove It
Smart Jacket technology calculates true energy and cost savings, and can provide detailed reports as evidence.

$1,834 Annual Savings

Smart Jacket results for a single 16” steam expansion joint showing true energy savings.
**Node**

- **Power**: 2xAA Batteries
- **Battery Life**: 3 Years of operation
- **Sensor – Probes**: 3x Type K thermocouples (0-500ºF standard, up to 2,282ºF available)
- **Sensor – Ambient**: 1x Ambient temperature (30-180ºF)
- **Range**: 1,000’ line-of-sight, 60’ (typical) in dense environments
- **Reporting**: Readings obtained every 30 minutes (standard)

**Gateway**

- **Power**: 110V AC (always-on)
- **Connectivity**: Internet connection (onboard cellular standard, ethernet or wifi optional)
- **Max. Nodes**: Unlimited

**Customer Portal**

- **Access**: Internet connection and web browser required
- **Alerts**: User-configurable email or text-message alerts
- **Views**: Map views, image-based views, tables, and graphs
Remote Monitoring
• Dashboard for all sensors
• Email & cellular alerts
• Cloud access

Smart Jacket
• Installs in minutes
• Zero infrastructure changes
  – No wires
  – Completely non-invasive
• Automatic status updates

Nothing Else Like It

Know that components are functioning properly and receive alerts as soon as abnormal behavior is detected.

Detect Problems

Our Partner

EMBEDDED ENERGY TECHNOLOGY, LLC

EET puts the “smart” in Smart Jacket. Their scientists specialize in harnessing technology, such as non-invasive sensors, wireless, and remote monitoring, to help industrial facilities truly realize their energy savings.

Visit IstarEnergySolutions.com
Call Andrew Martin at (717) 989-9609
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Learn More!