When Product Integrity is Vital

Temprecord's research, development and field experience with temperature recording leads the market. Our comprehensive range of multi-functional recording units and software options carry a strong reputation for quality and reliability. With ISO17025 accreditation, our unique 3-point calibration process ensures a high degree of temperature recording accuracy for a wide range of industries including food, perishable goods, medical and freighting.

And now with the support of communication technologies, Temprecord offers a real-time security system for precautionary and preventative temperature monitoring… introducing TAD, the Temprecord Active Display system.

"It's about using the new technologies at our disposal to continue to bring our clients the best products in the world for temperature recording, monitoring and security."

Peter Cunningham
Founder and Managing Director

TEMPRECORD™

Product Specifications

Temprecord Active Display

Compatibility:
User Application: Temprecord Active Display Software Version 1.11 or later
Operating System: Windows 98 (SE), Windows 2000 and Windows XP

Connectivity:
Available COM Ports: 1 - 255
Serial RS232 (RxD, TxD, Gnd, DTR & RTS) - Standard
Ethernet 10 Base-T / 100 Base-TX Connection Option
USB to Serial Converter Option

Scientific/Medical Temprecord Logger Temperature Range:
Standard Probe: -50°C / -58°F to +110°C / 230°F
Low temp Probe: -80°C / -112°F to +110°C / 230°F

Temperature Accuracy:
+/- 0.2°C ~ +/- 0.36°F over the range -20°C / -4°F to +50°C / 122°F otherwise +/- 0.5°C / 0.9°F

Humidity Logger Range: 0.00% to 100% RH Humidity

Humidity Logger Accuracy:
3% RH accuracy between 12% & 85% RH. Otherwise 5% accuracy between 0% to 12% and 85% to 100% RH.

Display Resolution: 0.01°C ~ 0.01°F

Dimensions: L150 x W120 x D45mm

Case: Yellow Plastic, Protection Rating IP64, -20°C / -4°F to +85°C / 185°F

Warranty Period: 12 months from date of purchase

Active Display

Real-Time Temperature Security System

When Product Integrity is Vital

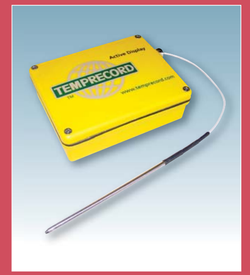
www.temprecord.com

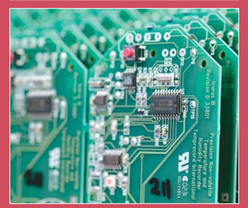
Real-time Temperature Security System

Temprecord Active Display (TAD) is a revolutionary real-time temperature and humidity monitoring system from Temprecord International. At the heart of TAD is Temprecord's Scientific multi-use recorder – calibrated and supplied with a traceable calibration certificate to international ISO17025 standards. Combined with the latest design in Temprecord's recording, reporting and communications software, TAD features include:

- User programmed alarm preferences
- Monitoring and reporting options
- Step-down alarm features and options
- Fail-safe backup and lost data refresh
- ISO17025 standards and effortless recalibration program
- Hardware and software options

TAD's uniqueness is its simplicity. Temprecord Active Display utilizes a data recorder that not only communicates with the TAD network linked software, it also stores all information as a backup.





3-Point Calibration for Accuracy

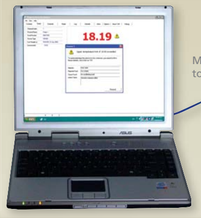
Temprecord's internationally recognized ISO17025 accredited calibration techniques support a 3-point calibration program. Specific Temprecord recorders are calibrated and adjusted at -15°C, 0°C and +40°C. Our computer-assisted laboratory methods are unique to Temprecord and give our specified recorders an accuracy level within +/- 0.2°C, +/- 0.36°F with a high degree of precision for temperatures inside the range of -20°C to +50°C, -4°F to +140°F. Single point calibrations to specific temperatures may also be performed on probe recorders for maximum temperature accuracy for specific applications – see your Temprecord dealer for further information.

TEMPRECORD 3 Point Calibration

When product integrity counts, you need a Temprecord Laboratory-Calibrated Recorder

A Typical TAD System

Recording Applications



Main server connected to ethernet switch.

Hot Storage: E.g. Market gardens where measuring temperature and humidity environments helps maximize crop potentials.

Medical Applications: E.g. Maintaining and auditing blood and vaccine storage temperatures within critical tolerance ranges.

Cold Storage: E.g. Monitoring, reporting and auditing perishable food environments.

Recording temperature &/or humidity and outputting results to a computer server.

Temperature Reports

Temperature reports can be automated to be logged on an hourly, daily, weekly or monthly basis. Options also include reporting on all networked temperature recording locations or on a selected channel basis. Reports, saved in PDF format, can be set to be emailed to recipients.

Warning Alarms

TAD supports a step-down alarm feature. Options allow the user to choose how they wish an alarm status to be reacted to. Alarm notification can be stepped to mobile telephones as a text message, nominated email addresses and/or to a alarm monitoring company for example.

Real Time Monitoring

TAD can monitor up to 256 channels (temperature recording points) in real time mode. Information can be viewed in three ways: view up to four channels at a time in graph form, assessing history along with real time data; view an individual read out of each channel.

Satellite Access

TAD allows the setting of slave systems that allow the monitoring of information via the Internet. A slave system is limited to viewing information and reports. TAD systems can therefore be monitored from anywhere where internet access is available.

TEMPRECORD ™

ACTIVE DISPLAY

19.09

A specific channel records an out-of-limits temperature or humidity.

PRODUCT SECURITY COMPROMISED!

Warning Alarm Transmission

By email via online update.

By SMS text messaging.

Warning alarm activated.

To security firm who then activates call-out or other assigned protocols.

TAD Recalibration Programme

The Temprecord ISO17025 accredited recalibration program allows clients to meet calibration auditing requirements without TAD downtime. Temprecord send replacement data recorders in keeping with a client's planned recalibration program. Clients install recalibrated recorders and return expired recorders to Temprecord's calibration laboratory to complete the cycle.

Fresh recorder packed and shipped to client.

Client receives recalibrated recorder and ISO17025 Calibration Certificate.

The expired recorder is removed and the fresh recorder is installed within the TAD unit.

Expired recorder sent to Temprecord laboratory for recalibration.

Fresh recorder automatically registers within the TAD system and an entry is made within the TAD activity log.

Recorder recalibrated to ISO17025 accredited standards with the Temprecord 3-point calibration process.

Temprecord Accredited laboratory for Temperature and Humidity.