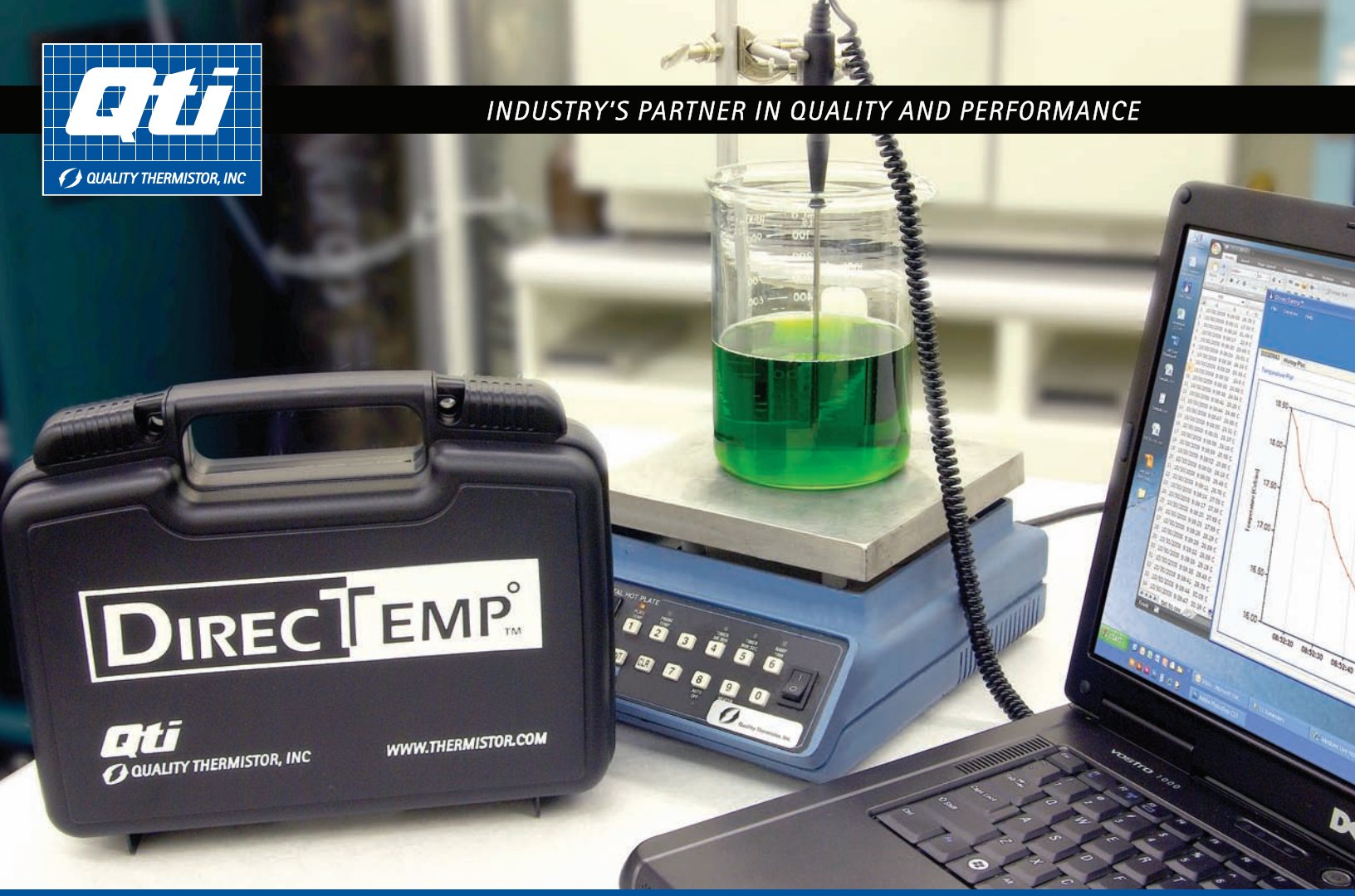
Qti
QUALITY THERMISTOR, INC

INDUSTRY'S PARTNER IN QUALITY AND PERFORMANCE



DIRECTEMP™

Precision Temperature Acquisition System

- 0.1 °C Accuracy from 0 - 100 °C
- NIST traceable calibration certificate included
- Upper & lower control limits with auto alerts
- Able to run multiple sensors
- Fahrenheit, Celsius & Kelvin
- Custom probe & cable configuration
- Data logging software included
- Up to 0.01 °C resolution**
- PC powered (no batteries)
- Windows 2000, XP & Vista compatible*

NTC & PTC | Custom Temperature Probes | Assembly Services | NASA & Military Qualified Test Lab

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DIRECTEMP°™
USB Temperature Acquisition System

DESCRIPTION

A precision thermistor is combined with a 14 bit analog to digital converter and a simple USB communication interface to capture **real-time** temperature data. The DIRECTEMP°™ device communicates as a Human Interface Device requiring no driver installation to interface with the provided data logging software. DIRECTEMP°™ probes are calibrated in QTI's metrology laboratory and can be recalibrated and returned to service for extended life. The absolute accuracy and repeatable precision of the DIRECTEMP°™ USB temperature acquisition system will become invaluable to your most critical application.

SPECIFICATIONS

- Up to ±0.1 °C absolute accuracy
- Choose your probe style, cable length, and critical temperature point
- PC powered, no batteries
- Compatible with Win 2000, XP, Vista 32-bit systems
- USB device is automatically recognized and installed by Windows
- Temperature range: -55 °C to 150 °C with proper probe selection
- Windows data logging software included
- Stream data to a plot and record to file for future analysis
- RoHS compliant

TOLERANCE	±0.1 °C: 0 °C to 100 °C ±1.5 °C: -55 °C to 150 °C
RESOLUTION	0.01 °C
RoHS COMPLIANT	Yes
CURRENT DRAW	<100mA

*Windows 32 bit versions work with the software provided with this probe
**User specified single point temperatures and tolerances available

Warning: This device is not designed nor intended to operate in situations where human injury will result in the event of a failure.
Do not use in human life support applications