Ultra-High Accuracy and Resolution Digital Thermistor Thermometer

NEW

HH42A

NIST Standard **RoHS**

Free Charting Software Included

HH42A shown smaller than actual size.

TRODEKS®
266.00°F
HH42A
DIGITAL THERMOMETER

✔ **Works with Standard TR0DEKS® "400" Series Thermistor Probes with Phone Jack Termination**
✔ **Ultra-High Accuracy, up to ±0.015°C (±0.027°F)**
✔ **Includes NIST Traceable Calibration Certificate**
✔ **High Resolution, up to 0.01°F or °C**
✔ **-20 to 130°C (-4 to 266°F) Temperature Range**
✔ **USB Communications**
✔ **Hold Function, Auto Shutoff, Over/Under Range and Low Battery Indication**

The TRODEKS® HH42A digital thermometer is the most recent addition to a series of instruments based upon our high precision temperature measurement system technology.

This instrument provides the accuracy and resolution needed to meet the measurement needs of a precision laboratory or critical process control and testing functions. Free software is included enabling users to start recording, charting, and storing data in a familiar file format on their PC within minutes of opening the box. A well-defined command set and output data format allows users to easily connect computer systems to the thermometer to create custom displays and report formats.

There are a wide range of custom designed application specific thermistor probes that can be selected for use with this instrument. See TRODEKS's ON-400 Series online for a broad selection of interchangeable probes.

Specifications

Resolution: 0.01°C

Temperature Range: -20 to 130°C (-4 to 266°F) (dependent upon probe selection)

Display: °C or °F

Thermometer Measurement Accuracy: ±0.02°C

Total Accuracy and Temperature Range: Combination of the meter and the probe being used

Data Sample Rate: Approximately 7 samples/second

Storage Conditions: 10 to 60°C (50 to 140°F), 0 to 70% RH

Operating Conditions: 10 to 40°C (50 to 104°F), 0 to 85% RH

Output to Computer: USB

Power: 9V battery (included)

Recalibration: Recommended every 12 months

Software: Outputs .xls files; all drivers included, Java 6.0 or later must be installed; licensing to use drivers and software on multiple computers not required; no other software is required

To Order

Model No.	Description
HH42A	Precision handheld thermometer including software

Accessories

Model No.	Description
HH40-AC	110 Vac adaptor
HH40-AC220	220 Vac adaptor
MN1604	Spare battery

Comes complete with software CD, 9V battery and USB cable.