

Ultra-High Accuracy and Resolution Digital Thermistor Thermometer



Free Charting Software Included

HH42A shown smaller than actual size.



- ✓ Works with Standard OMEGA® “400” Series Thermistor Probes with Phone Jack Termination
- ✓ Ultra-High Accuracy, up to $\pm 0.015^{\circ}\text{C}$ ($\pm 0.027^{\circ}\text{F}$)
- ✓ Includes NIST Traceable Calibration Certificate
- ✓ High Resolution, up to 0.01°F or $^{\circ}\text{C}$
- ✓ -20 to 130°C (-4 to 266°F) Temperature Range
- ✓ USB Communications
- ✓ Hold Function, Auto Shutoff, Over/Under Range and Low Battery Indication

Specifications

Resolution: 0.01°C
Temperature Range: -20 to 130°C (-4 to 266°F) (dependent upon probe selection)
Display: $^{\circ}\text{C}$ or $^{\circ}\text{F}$
Thermometer Measurement Accuracy: $\pm 0.02^{\circ}\text{C}$
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

The OMEGA® 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 OMEGA's ON-400 Series online for a broad selection of interchangeable probes.



OMEGACARESM extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labor and equivalent loaners.



OMEGA® ON-400 Series thermistor probes (sold separately).

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, USB cable and NIST calibration with points.