

Digital Thermometers with Multifunction Features

HH81A/HH82A
Starts at
\$149



- ✓ Wide Measurement Range:
-200 to 1372°C (-328 to 2501°F)
- ✓ Stores up to 10 Readings
- ✓ Auto Power-Off
- ✓ Single and Dual Input Models
- ✓ Data Hold Function
- ✓ Min/Max Record Function
- ✓ Resolution 0.1°C/0.1°F

The HH81A and HH82A handhelds are an economically priced digital thermometers. These units are portable and easy to use. They are fully programmable input models for K, E, J, and T type thermocouples. The standard features include min/max reading, reading hold, both are °C to °F switchable and can store up to 10 readings by the press of a button.

Specifications

Measuring Range (only the main unit)

Thermocouple Type:

Type K: -200 to 1372°C (-328 to 2501°F)

Type E: -200 to 700°C (-328 to 1292°F)

Type J: -200 to 1000°C (-328 to 1832°F)

Type T: -200 to 400°C (-328 to 752°F)

Resolution: -200.0 to 199.9°C; 0.1°C or 1°C (when 1°C resolution is set); 200°C or above: 1°C

Accuracy: -200.0°C to -100.1°C: ±(0.1% of rdg + 1.0°C);
-100.0°C to 199.9°C: ±(0.1% of rdg + 0.7°C); +200°C or above, or when 1°C resolution is set: ±(0.2% of rdg + 1°C)

Measurement Interval: Approx 1 second (1-channel measurement); approx 2 seconds (2-channel measurement)

Data Storage: Capable of storing up to 10 measured data items

Simplified Correction: Correction range: ±20°C of measured value

Display Items: HOLD, RCD, REL, ADJ, MAX, MIN, MEM, °C; T/C Type K, J, E, T, battery alarm, chA, chB (HH82A only)

Other Functions: Auto power-off, battery alarm

Operating Temperature and Humidity:

0°C to 50°C, 20 to 80% RH (no condensation)

Power Requirements: 2 "AA" alkaline dry batteries (included) (LR6)

Battery Life: About 450 hours

Construction: Conforms to IP54 (dust-proof and drip-proof requirements of IEC529)

Dimensions: Approx 151 H x 56 W x 33 mm D (5.9 x 2.2 x 1.3") (excluding protrusions)

Weight: Approx 180 g (6.3 oz) (including batteries)

Connector: SMP Type



HH82A, \$224,
shown actual size.

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)		
Model	Price	Description
HH81A	\$149	1-channel multifunction thermometer
HH82A	224	2-channel multifunction thermometer
Accessories		
HH-NIST†	\$55	NIST-traceable calibration, no points
CAL-3-HH	75	NIST-traceable calibration, with points
WPC-80	28	Waterproof cover
SC-800	10	Soft carrying case with belt loop, see pages L-59 and L-60

Comes complete with Type K beaded wire thermocouple (1 per channel), 2 "AA" batteries, operator's manual.

Ordering Examples: HH82A dual input thermometer, \$224. OCW-3, OMEGACARESM extends standard 2-year warranty to a total of 5 years (\$56), \$224 + 56 = \$280.



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.



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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters