

# Water Resistant Handheld Thermocouple Meters

HH601A Series  
Starts at  
**\$150**



- ✓ Water Resistant Housing
- ✓ °C/°F Switchable
- ✓ Display Hold
- ✓ Continuously Displays High/Low Values
- ✓ Long Battery Life
- ✓ High Accuracy
- ✓ Wide Temperature Range
- ✓ 0.1° Resolution Up to 999.9°C or °F (HH602A, HH603A)
- ✓ Low Battery Warning
- ✓ Automatic Shut-Off Timer

The HH600A Series units are water resistant, very accurate handheld thermocouple meters. The HH601A is a low-cost unit with a Type K input that has 0.1° resolution to 199.9°C and automatically switches to 1° resolution for higher temperatures. The HH602A is a higher accuracy Type K unit with 0.1° resolution to 999.9°C or °F. The HH603A is the same as the HH602A, but can be used for J or T thermocouples as well as Type K. All the units feature a dual LCD displays which continuously display the high and low readings as well as the current temperature.

## Specifications

### Input Type:

HH601A and HH602A: Type K  
HH603A: Types K, J, or T

### Range:

HH601A: -50 to 1350°C  
(-58 to 2462°F)

HH602A: -200 to 1371°C  
(-328 to 2500°F)

### HH603A:

K: -200 to 1371°C (-328 to 2500°F)

J: -200 to 999°C (-328 to 1832°F)

T: -200 to 400°C (-328 to 752°F)

### Resolution:

HH601A: 0.1°C from 50.0 to 199.9°C,  
1°C from 200 to 1350°C;  
0.1°F from -58.0 to 399.9°F,  
1°F from 400 to 2462°F



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



HH601A,  
\$150.

HH603A,  
\$176.

**Product Discontinued**

### HH602A and HH603A:

0.1°C from -149.9 to 999.9°C,  
0.2°C from -200.0 to -150.0°C,  
1°C from 1000 to 1371°C;  
0.1°F from -24.9 to 999.9°F,  
0.2°F from -249.9 to 25.0°F,  
0.3°F from -328.0 to 250.0°F,  
1°F from 1000 to 2500°F

### Accuracy (At Ambient, Excluding Probe):

HH601A: ±0.2% FS  
HH602A and HH603A: ±0.5°C  
(-100.0 to 999.9°C), ±1°C outside;  
±1°F (-148.0 to 999.9°F),  
±1.5°F outside

### Battery Life:

HH601A: 1600 hours continuous  
HH602A and HH603A:  
500 hours continuous

### Battery Type:

Three 1.5V "AA" (included)

### Auto Off Select:

HH601A: 8-min, 60-min or off  
HH602A and HH603A: 60-min or off

### Weight:

HH601A: 235 g (8.3 oz)  
HH602A and HH603A: 250 g (8.8 oz)

### Dimensions:

150 H x 80 W x 36 mm D  
(5.9 x 3.1 x 1.4")

### Connection:

Subminiature OMEGA<sup>®</sup> SMP

**AVAILABLE FOR FAST DELIVERY!**

## To Order (Specify Model Number)

Model No.	Price	Description
HH601A	\$150	Type K handheld autoranging thermometer
HH602A	160	Type K handheld high accuracy thermometer
HH603A	176	Type J, K or T handheld high accuracy thermometer
Accessories		
CAL-3-HH†	\$75	NIST-traceable calibration with points
HH-NIST†	55	NIST-traceable calibration, no points
HH600A-SC	12	Soft carrying case

Comes complete with 3 "AA" batteries, beaded Type K T/C, wrist-strap, and operator's manual. All meters accept male SMP connectors.

Ordering Example: HH601A, Type K input handheld, water-resistant thermometer with min/max/display hold functions, \$150. OCW-3, OMEGACARE<sup>SM</sup> extends standard 1-year warranty to a total of 4 years (\$37), \$150 + 37 = \$187.

**Product Discontinued**



#### UNITED STATES

[www.omega.com](http://www.omega.com)  
1-800-TC-OMEGA  
Stamford, CT.

#### CANADA

[www.omega.ca](http://www.omega.ca)  
Laval(Quebec)  
1-800-TC-OMEGA

#### GERMANY

[www.omega.de](http://www.omega.de)  
Deckenpfronn, Germany  
0800-8266342

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)  
Manchester, England  
0800-488-488

#### FRANCE

[www.omega.fr](http://www.omega.fr)  
Guyancourt, France  
088-466-342

#### CZECH REPUBLIC

[www.omegaeng.cz](http://www.omegaeng.cz)  
Karviná, Czech Republic  
596-311-899

#### BENELUX

[www.omega.nl](http://www.omega.nl)  
Amstelveen, NL  
0800-099-33-44



## More than 100,000 Products Available!

### • Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

### • 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

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

### • 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