

Printing/Logging Handheld Thermometer

HH610A Series
Starts at
\$375



PC Compatible!
Selected Models Allow You to Download the Readings to a Computer Without a Cable from the Meter to the Logging Interface Module (HH610-LOGGER).



- ✓ Built-In Printer
- ✓ Added Logging Capability on Selected Units
- ✓ High Resolution
- ✓ Type K, J, T Thermocouple and RTD Input Models
- ✓ AC/DC Powered
- ✓ 1- or 4-Channel Units for Thermocouples
- ✓ °C or °F Switchable (Thermocouple Units Only)
- ✓ 2-Channel RTD Unit

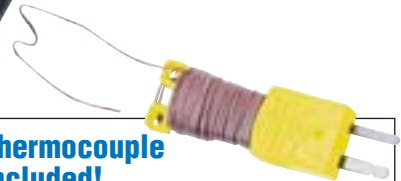


HH611A-P,
\$375.

All models shown smaller than actual size.

Thermocouple Included!

Thermocouple models include a free 1 m (40") Type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy (1 per channel).
Order a Spare! Model No. SC-GG-K-30-36, \$15



HH611A-P4 four channel, \$415.



HH612A-P2C dual channel, \$385.

OMEGA's compact and affordable HH610A Series is for applications requiring display and printing of temperature measurements. This unit is available in single-channel and 4-channel Type K, J, or T thermocouple input models or in dual-input RTD models. These thermometers have 0.1° resolution of up to -200.0 to 999.9°C or -300.0 to 999.9°F for thermocouple versions, and from -200.0 to 850.0°C for RTD versions. A built-in printer makes hard copies of the temperature measurements, which can be taken at selected intervals.

Also available are the HH611A-PL and HH611A-PL4 for thermocouples, which log data as well as print, providing storage of data for retrieval and/or

printing at a later date (up to 14,000 temperature readings). With the HH610A logger interface module, the logged data can be downloaded to a computer. Parameters printed and logged are time, date, temperature, and channel number. The HH610SW (for HH612A-P2C) or PHB-200-SW (for HH611A Models) Windows-based software is easy to install. The low-power printer uses plain paper, which will not fade over time. The HH610-AC AC adaptor meets 110 Vac power requirements.

Specifications

Thermocouple Input Models

Printer Only: HH611A-P, HH611A-P4

Printer Logger: HH611A-PL, HH611A-PL4

Input Type: K, J or T

Number of Inputs:

1: HH611A-P, HH611A-PL

4: HH611A-P4, HH611A-PL4

Range:

K: -200 to 1370°C (-300 to 2500°F)

J: -200 to 760°C (-300 to 1400°F)

T: -200 to 400°C (-300 to 750°F)

Resolution:

K: 0.1°C (-99.9 to 999.9°C)

0.2°F (-199.9 to 999.9°F)

1°C (1000 to 1370°C)

1°F (1000 to 2500°F)

0.2°C (-200.0 to 100.0°C)

0.3°F (-300.0 to -200.0°F)

J: 0.1°C (-149.9 to 760.0°C)

0.1°F (32.0 to 999.9°F)

0.2°C (-200.0 to -150.0°C)

1°F (1000 to 1400°F)

0.2°F (-300.0 to 32°F)

T: 0.1°C (-99.9 to 400.0°C)

0.1°F (300.0 to 750.0°F)

0.2°C (-200.0 to -100.0°C)

0.2°F (-149.9 to 299.9°F)

0.3°F (-300.0 to -150.0°F)

Accuracy (Excluding Probe Error):

±0.5°C (-200 to 999.9°C),

±1.0°C outside, ±1.0°F below 999.9°F,

±2.0°F above 1000°F

Cold Junction:

NTC 10K ±0.3°C accuracy

Connector:

Accepts SMP male connectors

RTD Input Model

(Printer Only, HH612A-P2C):

Input Type: 4-wire 100 Ω pt RTD (alpha = 0.00385)

Number of Inputs: 2

Range: -200 to 850°C

Resolution: 0.1°C

Accuracy: ±0.1°C, ±0.1% of reading

Connector: Accepts TA4F connectors

Logger Model

(HH611A-PL, HH611A-PL4):

Logging Interval: On demand or automatically at 1, 2, 5, 10, 15, 30, 60, 120, 180 minute intervals

Data Points Stored: Up to 14,000

Data Retrieval: Manual or by downloading to computer using HH610A logger and HH610SW (HH612-P2C) or PHB-200-SW (HH611A models)

Common Specifications

Printer: Low-power impact-belt type; 14 characters per line using 38 mm plain paper

Print Interval: Selectable from 1, 2, 5, 10, 15, 30, 60, 120, 180 minute intervals or on demand

Power: 4 "AA" batteries (included) or 12 Vac adaptor

Battery Life: 350 hour continuous without printing or backlight

Auto Shut-Off: Selectable after 5, 10, 15, 30, 45 or 60 minutes of non-use

Ambient Environment: 0 to 50°C (32 to 122°F), up to 95% RH

Dimensions:

220 H x 82 W x 66 mm D

(8.7 x 3.2 x 2.6")

Weight: 500 g (18 oz)



HH611A-P, \$375, shown smaller than actual size.

☐ **MOST POPULAR MODELS HIGHLIGHTED!**

To Order (Specify Model Number)				
Model No.	Price	Input Type	No. of Channels	Description
HH611A-P	\$375	J, K or T	1	Portable thermocouple printer/thermometer
HH611A-P4	415	J, K or T	4	Portable thermocouple printer/thermometer
HH612A-P2C	385	100 P RTD	2	Portable RTD printer/thermometer
HH611A-PL	470	J, K or T	1	Portable thermocouple printer/logger*
HH611A-PL4	520	J, K or T	4	Portable thermocouple printer/logger*

* Logging interface module and software required to interface to computer (sold separately).

Comes with batteries, operator's manual and rugged carrying case. Thermocouple models include beaded Type K, T/C and RTD models include TA4F connector (1 per channel).

Ordering Example: HH611A-P4, portable 4-channel printing thermocouple thermometer, \$415.

Accessories

Model No.	Price	Description
HH610-AC	\$15	110 Vac adaptor
HH610-AC-230VAC	15	230 Vac adaptor, European termination style
HH610-AC-230VAC-UK	15	230 Vac adaptor, UK termination style
HH610-PR	10	Replacement paper rolls (10 each)
PHH-25-IC	30	Replacement ink cartridge
HH610-LOGGER-9PIN	105	Logging interface module with 9-pin RS232C connector
HH610-LOGGER-25PIN	105	Logging interface module with 25-pin RS232C connector
PHB-200-SW [†]	55	Software for HH611 models
HH610SW [†]	55	Software for HH612A-P2C
HH610A-CASE	35	Rugged carrying case
CAL-3-HH	75	NIST-traceable calibration with points
HH-NIST	55	NIST-traceable calibration, no points
ME-0750	225	Reference Book: Principles and Methods of Temperature Measurement

[†] Software enables download to computer.



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