

Digital Thermometers with Multifunction Features



HH81A Series
Starts at
£100



All Models
Available for
Fast Delivery!

Specifications

Measuring Range

(only the main unit)

Thermocouple Type:

Type K: -200°C to 1372°C

(-328°F to 2501.6°F);

Type E: -200°C to 700°C

(-328°F to 1292°F);

Type J: -200°C to 1000°C

(-328°F to 1832°F);

Type T: -200°C to 400°C

(-328°F to 752°F)

Resolution: -200.0°C 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; TC Type K, J,

E, T, battery alarm, chA, chB,

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)

HH82A, £150,
shown smaller
than actual size.

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

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

Ordering Example: HH82A dual input
thermometer, £150.

TC TYPE

Thermocouple Type K, E, J, T select key

Press and hold down the this key while
pressing the POWER key to enter the TC
select mode. Each press of the TC TYPE
key switches between TC types. The
press POWER key to enter selection.
(Type K is factory preset)

CH

Input channel select key (HH82 Model Only)

With each press, the channel switches
through the sequence of chA, chB and
then chA-chB.

DATA HOLD

Data Hold key

A held value can be stored in the memory
of an optional memory number which is
selected by the ▲▼ keys.

RECORD

Maximum and Minimum record key

Stores the maximum and minimum values
from the time RECORD is pressed.

Data Record key

Stores the held measurement values
in memory (up to 10 readings.)

RANGE

Resolution select key

With each press select the resolution
of 0.1°C or 1°C.

READ

Maximum and minimum values and stored data read key

Every time this key is pressed, the
maximum and minimum values, stored
data, and the current measured data are
displayed in sequence.

REL/ADJ

Relative display select key

Displays measured values with reference
to the value obtained immediately before
the key was pressed. Each press of this
key can select or release the relative
display.

Simplified correction mode key

Sets the correction value and selects
active/inactive of the simplified correction
function.

Data call-up key

Used to select a memory number when
calling up stored data. Also used to adjust
the correction value for the simplified
correction mode.

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model	Price	Description
HH81A	£100	1-channel multifunction thermometer
HH82A	£150	2-channel multifunction thermometer
Accessories		
CAL-3-HH	50	NIST-traceable calibration, with points
WPC-80	16.75	Waterproof cover
SC-800	6.70	Soft carrying case w/belt loop



UNITED STATES

www.omega.com

1-800-TC-OMEGA

Stamford, CT.

CANADA

www.omega.ca

Laval(Quebec)

1-800-TC-OMEGA

GERMANY

www.omega.de

Deckenpfronn, Germany

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UNITED KINGDOM

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Manchester, England

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• Heaters

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