

# 0.1° Resolution K-Type Thermocouple Thermometers

- **HOLD**
  - HOLD function
- **BEPS**
  - Alerts the user of low battery power that could adversely affect readings
- **Battery indicator**
  - Battery life indicator at startup
- **Waterproof**
  - Waterproof casing
- **Backlight**
  - Backlit display (N version)

The HI93530 and HI93530N are waterproof thermometers that can read with a resolution of 0.1 in the -149.9 to 999.9°C (-24.9 to 999.9°F) range.

The HOLD button freezes the display to allow the user time to record readings. The °C/°F button switches between the Celsius and Fahrenheit temperature scale.

For high accuracy, the HI93530N features a CAL button to allow the operator a simple one-point calibration in an ice bath at 0°C when probe interchange occurs.

The HI93530N also incorporates a user-activated backlight for low or no light conditions.

Remaining battery power is displayed at startup, and these instruments are equipped with BEPS (Battery Error Prevention System), which alerts the user in the event that low battery power could adversely affect readings.

Several interchangeable probes are available to meet your specific needs. Optional rubber boots are also available.



Specifications	HI93530
Range	-200.0 to 999.9°C; 1000 to 1371°C; -328.0 to 999.9°F; 1000 to 2500°F
Resolution	0.1°C (-149.9 to 999.9°C); 0.2°C (-200.0 to -150.0°C); 1°C (outside) 0.1°F (-24.9 to 999.9°F); 0.2°F (-249.9 to -25.0°F); 0.3°F (-328.0 to -250.0°F); 1°F (outside)
Accuracy	±0.5°C (-100.0 to 999.9°C); ±1°C (outside); ±1°F (-148.0 to 999.9°F); ±1.5°F (outside) (for 1 year, excluding probe error)
Probe	HI766 K-type thermocouple (not included)*
CAL Button	N/A
Backlit LCD	N/A
Battery Type / Life	1.5V AA (3) / approximately 500 hours of continuous use (with backlight off); auto-off after 60 minutes of non-use (can be disabled)
Environment	-10 to 60°C (14 to 122°F); RH max 100%
Dimensions	150 x 80 x 36 mm (5.9 x 3.1 x 1.4")
Weight	235 g (8.3 oz.)
<b>Ordering Information</b>	<b>HI93530</b> are supplied with batteries and instructions.
<b>Probes</b>	<b>HI766C</b> Penetration, stainless steel K-type thermocouple temperature probe with 1 m cable
	<b>HI766D</b> Air/gas, stainless steel K-type thermocouple temperature probe with 1 m (3.3') cable
	<b>HI766E1</b> General purpose/penetration, stainless steel K-type thermocouple temperature probe with 1 m (3.3') cable

\*K-type thermocouple probes should be ordered separately to meet your specific application.