

HI 93530 • HI 93530N

0.1° Resolution K-Type Thermocouple Thermometers

- Immediate °C to °F shifting
- High resolution
- Waterproof casing
- HOLD function
- BEPS and low battery warning
- Battery life indicator at start-up
- One point calibration (N version)
- Backlit display (N version)

HI 93530 and HI 93530N 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, HI 93530N features a CAL button to allow the operator a simple one point calibration in an ice bath at 0°C when probe interchange occurs.

HI 93530N also incorporates a user-activated backlight for low or no light conditions.

Remaining battery power is displayed at start-up 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.

ORDERING INFORMATION

HI 93530 and HI 93530N are supplied with batteries and instructions.

PROBES

HI 766C	Penetration, stainless steel K-type thermocouple temperature probe with 1 m cable
HI 766D	Air/gas, stainless steel K-type thermocouple temperature probe with 1 m (3.3') cable
HI 766E1	General purpose/penetration, stainless steel K-type thermocouple temperature probe with 1 m (3.3') cable

ACCESSORIES

HI 710007	Shockproof rubber boot, blue
HI 710008	Shockproof rubber boot, orange
HI 710018	Spare protective case



SPECIFICATIONS	HI 93530	HI 93530N
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	HI 766 K-type thermocouple (not included)	
CAL Button	N/A	yes
Backlit LCD	N/A	yes
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 50°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.)	

A wide variety of probes are available, see the end of this Thermocouple Thermometer Section.