



HI93532 · HI93532R

Dual-input, K-Type Thermocouple Thermometers

- **HOLD**
 - HOLD function
- **Multiple input channels**
 - Dual input
- **BEPS**
 - Alerts the user of low battery power that could adversely affect readings
- **Battery indicator**
 - Battery life indicator at start-up
- **Waterproof**
 - Compact, heavy-duty and waterproof
- **Backlight**
 - Backlit display (N and R versions)
- **Connectivity**
 - PC and printer compatible (R version)

Conditions often require the measurement of two samples at the same time. The HI93532 series feature two built-in channels for two K-type probe connectors.

These thermometers display current temperature along with the high and low values in either channel. You can also see the difference between the two channels simultaneously with the high and low of the difference.

The HOLD button freezes the display to allow the user time to record readings.

The HI93532R feature a user-activated backlight for low or no light conditions. The CAL button allows the operator to perform a simple one-point calibration in an ice bath at 0°C when probe interchange occurs.

The HI93532R adds RS232 output that allows for data transfer to a PC or printer.

The instruments are equipped with BEPS (Battery Error Prevention System), which alerts the user in the event that low battery power could adversely affect readings.

Specifications	HI93532	HI93532R
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 series K-type thermocouple (not included)*	
CAL Button	N/A	yes
Backlit LCD	N/A	yes
RS232	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); auto-off after 8 minutes (HI93532R)	
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.)	
Ordering Information	HI93532 and HI93532R are supplied with batteries and instructions.	
Probes*	HI766C	Penetration, stainless steel K-type thermocouple temperature probe with 1 m cable
	HI766D	Air/gas, stainless steel K-type thermocouple temperature probe with 1 m (3.3') cable
	HI766E1	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.