

HI 935005 • HI 935005N

K-Type Thermocouple Thermometers

- High accuracy $\pm 0.2\%$
- Waterproof casing
- High/Low function
- Instantly $^{\circ}\text{C}$ to $^{\circ}\text{F}$ shifting
- HOLD function
- BEPS and low battery warning
- Battery life indicator at start-up
- Up to 1600 battery life
- Backlit display (N version)
- One point temperature calibration (N version)

HI 935005 series are waterproof, K-type thermometers offering accurate temperature measurements in a wide range as well as a 1600 hours of battery life.

These units display current temperature along with the minimum and maximum values achieved during the measuring session on the LCD.

The HOLD button freezes the display to allow the user time to record readings. The $^{\circ}\text{C}/^{\circ}\text{F}$ button switches between the Celsius and Fahrenheit temperature scale. The CLEAR button restarts the evaluation of high and low values.

HI 935005N features a user-activated backlight for low or no light conditions. A CAL button to allow the operator a simple one point calibration in an ice bath at 0°C when probe interchange occurs.

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.

A wide variety of interchangeable probes are available to meet your specific needs. Optional rubber boots are available.

ORDERING INFORMATION

HI 935005 and HI 935005N are supplied with batteries, protective case 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



SPECIFICATIONS	HI 935005	HI 935005N
Range	-50.0 to 199.9 $^{\circ}\text{C}$ and 200 to 1350 $^{\circ}\text{C}$; -58.0 to 399.9 $^{\circ}\text{F}$ and 400 to 2462 $^{\circ}\text{F}$	
Resolution	0.1 $^{\circ}\text{C}$ (-50.0 to 199.9 $^{\circ}\text{C}$) and 1 $^{\circ}\text{C}$ (outside); 0.1 $^{\circ}\text{F}$ (-58.0 to 399.9 $^{\circ}\text{F}$) and 1 $^{\circ}\text{F}$ (outside)	
Accuracy	$\pm 0.2\%$ f.s. (for 1 year, excluding probe error)	
Probe	HI 766 series K-type thermocouple (not included)	
CAL Button	N/A	yes
Backlit LCD	N/A	yes
Battery Type / Life	1.5V AA (3) / approximately 1600 hours of continuous use (with backlight off); HI 935005 only: auto-off selectable after 8 or 60 minutes of non-use (can be disabled)	
Environment	-10 to 50 $^{\circ}\text{C}$ (14 to 122 $^{\circ}\text{F}$); 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.