

## 2-channel, K-Type Thermocouple Thermometers



- Dual input channels
- One point calibration (HI 935009)
- High accuracy  $\pm 0.2\%$
- Waterproof casing
- High/Low function
- °C to °F shifting
- HOLD function
- BEPS and low battery warning
- Battery life indicator at start-up
- Backlit display (HI 935009)
- Up to 1600 battery life
- Reading storage

HI 935002 and HI 935009 are 2-channel, waterproof, K-type thermometers that offer 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 for each channel achieved during the measuring session. The difference between each channel can be shown, or a relative value can be set on each channel and variances around that value can be monitored.

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

HI 935009 features a user-activated backlight for low or no light conditions. The CAL button allows 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.

### ORDERING INFORMATION

HI 935002 and HI 935009 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

SPECIFICATIONS	HI 935002	HI 935009
<b>Range</b>	-50.0 to 199.9°C and 200 to 1350°C; -58.0 to 399.9°F and 400 to 2462°F	
<b>Resolution</b>	0.1°C (-50.0 to 199.9°C) and 1°C (outside); 0.1°F (-58.0 to 399.9°F) and 1°F (outside)	
<b>Accuracy</b>	$\pm 0.2\%$ f.s. (for 1 year, excluding probe error)	
<b>Probe</b>	HI 766 series K-type thermocouple (not included)	
<b>CAL Button</b>	N/A	yes
<b>Backlit LCD</b>	N/A	yes
<b>Battery Type / Life</b>	1.5V AA (3) / approx. 1600 hours of continuous use (with backlight off); HI 935009 only: auto-off selectable after 8 or 60 minutes of non-use (can be disabled)	
<b>Environment</b>	-10 to 50°C (14 to 122°F); RH max 100%	
<b>Dimensions</b>	150 x 80 x 36 mm (5.9 x 3.1 x 1.4")	
<b>Weight</b>	235 g (8.3 oz.)	

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

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