

Waterproof, 2-Channel K-Type Thermocouple Thermometers



HI 935002 and HI 935009 are waterproof 2-channel thermometers offering a wide temperature range and an extraordinary 1600 hours of battery life ideal for extended lab and field use.

A dual-level LCD shows the current temperature and the high and low values of each channel. The difference between each channel can also be shown along with the current temperature at each probe or the high and low values of the difference. A relative value can be set on each channel and variances around that value can then be monitored.

These instruments enable you to see all continuously updating information on either channel. A HOLD button gives the user time to record the reading and HI 935009 will store that reading for later retrieval.

Both instruments read in °C and °F and if required, HI 935009 features a user calibration feature.

Remaining battery power is displayed at startup and is managed with a low battery warning signal and error prevention (BEPS).

HI 935009 has a selectable auto-off interval and a button activated backlight for low light conditions.



Specifications

HI 935002/HI 935009	
Range	-50.0 to 199.9°C and 200 to 1350°C; -58.0 to 399.9°F and 400 to 2462°F
Resolution	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)
Accuracy	±0.2% F.S. (for 1 year, excluding probe error)
Probe	K-thermocouple type, HI 766 series (not included)
Battery Type / Life	3 x 1.5V AA / 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)
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.)

Ordering Information

HI 935002 is supplied complete with batteries, protective case and instructions.

HI 935009 is supplied complete with batteries, protective case and instructions.

Accessories

HI 766C	Penetration K-type temperature probe with 1 m cable	HI 710007	Shockproof rubber boot, blue
HI 766D	Air K-type temperature probe with 1 m cable	HI 710008	Shockproof rubber boot, orange
HI 766E1	General purpose K-type temperature probe with 1 m cable	HI 710018	Spare protective case

For a complete range of temperature probes, see section P. For accessories, see section U.