



K-Type Waterproof Thermometers



HI 935005 is a hand-held waterproof thermometer that uses a K-type sensor together with an advanced microprocessor to deliver accurate temperature measurement with an extraordinary 1600 hour battery life. The dual-level LCD displays current temperature along with the minimum and maximum extremes achieved during the session. Battery level indication with low battery warning and error prevention furnishes this meter with advanced battery management functions. A HOLD button allows the user to record readings. The °C/°F button instantly switches between the Celsius and Fahrenheit ranges. A wide variety of interchangeable probes are available to meet specific applications.

For even greater accuracy or dimly lit areas, select the HI 935005N. For even greater accuracy, a CAL button allows the operator to remove the combined meter and probe interchange error in an ice bath at 0°C. In addition to the calibration feature, HI 935005N features a user-activated backlight for low or no light conditions.

The HANNA instruments® exclusive shockproof rubber boots, HI 710007 and HI 710008, offer maximum impact protection.

Specifications

HI 935005/HI 935005N	
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 935005 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.)

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.

Ordering Information

HI 935005 is supplied complete with batteries, protective case and instructions.

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