HI 935005 • HI 935005N

NEW

K-Type Waterproof Thermometers: Dual Range from -50 to 1350 °C



Features ...

The newly redesigned **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 new 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 exclusive shockproof rubber boots, **HI 710007** and **HI 710008**, offer maximum impact protection.

... and Benefits

- **High Range with Auto-Ranging**
  Along with their extremely wide range, these meters automatically switch resolution from 0.1 to 1 at 200°C (400°F) and above.
- **Min & Max on Display**
  HI 935005 continuously shows current, highest and lowest temperature values simultaneously. There is also a HOLD button to freeze the display.
- **Calibration & Backlight**
  HI 935005N offers both an auto-calibration feature and a backlight to simplify your measurement process.

Specifications	HI 935005/HI 935005N	
Range	-50.0 to 199.9°C 200 to 1350°C	-58.0 to 399.9°F 400 to 2462°F
Resolution	0.1°C (up to 199.9°C) / 1°C (outside)	0.1°F (up to 399.9°F) / 1°F (outside)
Accuracy	±0.2% Full Scale, for one year, excluding probe error	
Typical EMC Deviation	±3°C	±6°F
	with **HI 766** K-type thermocouple probe	
Probe	K-type thermocouple (optional)	
Battery Type / Life	3 x 1.5V AA / approx. 1600 hours of continuous use. Auto-off: selectable 8 minutes, 60 minutes or OFF (HI 935005 only)	
Environment	-10 to 50°C (14 to 122°F); RH 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 935005 is supplied complete with wrist-strap, 3 x 1.5 AA batteries and instruction manual.
HI 935005N is supplied complete with wrist-strap, 3 x 1.5 AA batteries and instruction manual.

Accessories

HI 766C	Penetration probe with 1 m (3.3') cable	**HI 710007**	Blue shockproof rubber boot
HI 766E1	General use probe with 1 m (3.3') cable	**HI 710008**	Orange shockproof rubber boot
HI 710004	Soft carrying case		

For a complete range of HI 766 temperature probes see pages P5 - P9.
For a comprehensive list of accessories see section U.