

# HI 93510 • HI 93510N



## Waterproof Thermometers with Interchangeable Probes

HI 93510 is a high performance, waterproof thermometer tailor-made for lab and field use. This precision instrument features new electronics to provide the user with unsurpassed accuracy and repeatability across the entire range.

HI 93510 is designed for ease of operation. The dual-level LCD displays the highest and lowest readings in the cycle along with current temperature. To freeze the reading for easy recording, simply press the HOLD button. Celsius or Fahrenheit can be selected at the touch of a button. Battery level is shown at startup and a low battery warning with Battery Error Prevention System (BEPS) assure long periods of trouble free use.

For extreme accuracy or dimly lit areas, select the HI 93510N. This meter offers all the features of the HI 93510 plus a CAL button to allow the operator to calibrate the meter and probe in an ice bath at 0°C. This will assure the removal of the combined meter and probe interchange error. In addition to the calibration feature, HI 93510N features a user-activated backlight for low or no light conditions.

A wide range of HI 762 probes is available for specific applications.

### Specifications

HI 93510/HI 93510N	
Range	-50.0 to 150.0°C; -58.0 to 302.0°F
Resolution	0.1°C; 0.1°F (-58.0 to 230.0°F) and 0.2°F (outside)
Accuracy	±0.4°C; ±0.8°F (for 1 year, excluding probe error)
Probe	HI 762BL, precalibrated, stainless steel, with 1 m (3.3') cable (included)
Battery Type / Life	3 x 1.5V AA / approx. 2000 hours of continuous use (with backlight off); HI 93510 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 762BL	General purpose/liquid temperature probe with 1 m cable	HI 762000C	Test key at 0.0°C
		HI 762070C	Test key at 70.0°C
HI 762L/10	General purpose/liquid temperature probe with 10 m cable	HI 710007	Shockproof rubber boot, blue
		HI 710008	Shockproof rubber boot, orange
HI 762-18C	Test key at -18.0°C	HI 710019	Spare protective case

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

### Ordering Information

HI 93510 is supplied complete with HI 762BL temperature probe with 1 m (3.3') cable, batteries, protective case and instructions.

HI 93510N is supplied complete with HI 762BL temperature probe with 1 m (3.3') cable, batteries, protective case and instructions.