

# Waterproof Instrumentation



Authorized Hanna Instruments Representative:

MBH ENGINEERING SYSTEMS  
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All thermometers feature: Simultaneous High, Low and Current Temperature Display • Waterproof Casing • Ergonomic Design  
Tactile Sealed Rubber Keys • Percent Battery Remaining • Long Battery Life • Auto Shut-off • Optional Shockproof Rubber Boots

## Waterproof, Single & Dual Channel Thermistor Thermometers

- Simultaneously display high, low and current temperature
- HOLD button to freeze readings
- Measures °F and °C

These high performance thermometers are tailor made for lab and field use. In addition to their outstanding features the HI 93510N and HI 93522 offer a CAL button to allow the operator to calibrate the meter in an ice bath at 0°C and a user-activated backlight for low or no light conditions.

### SPECIFICATIONS

		HI 93510/ HI 93510N/ HI 93512 (Dual-Channel)/ HI 93522 (Dual-Channel)
<b>Range</b>	°F	-58.0 to 302.0 °F
	°C	-50.0 to 150.0 °C
<b>Resolution</b>	°F	0.1 °F (-58.0 to 230.0 °F) / 0.2 °F (outside)
	°C	0.1 °C
<b>Accuracy</b> (excl. probe error)	°F	±0.8 °F
	°C	±0.4 °C

### ACCESSORIES

**HI 762PWL** Penetration probe with white handle  
**HI 762A** Air/gas probe with white handle  
**HI 762W/10** Wire probe, 10 m (33') cable

**HI 762BL** Liquid/gen. purpose probe w/black handle  
**HI 762L/10** Temp. probe with 10 m (33') cable  
**HI 721316** Hard carrying case

**HI 710004** Soft carrying case  
**HI 710007** Blue shockproof rubber boot  
**HI 710008** Orange shockproof rubber boot



### ORDERING INFORMATION

**HI 93510** is supplied complete with wrist-strap, HI 762BL temperature probe with 1 m (3.3') cable, 3 x 1.5V AA batteries and instructions.

**HI 93510N** is supplied complete with wrist-strap, HI 762BL temperature probe with 1 m (3.3') cable, 3 x 1.5V AA batteries & instructions.

**HI 93512** is supplied complete with wrist-strap, HI 762BL temperature probe with 1 m (3.3') cable, 3 x 1.5V AA batteries and instructions.

**HI 93522** is supplied complete with wrist-strap, HI 762BL temperature probe with 1 m (3.3') cable, 3 x 1.5V AA batteries and instructions.

## Waterproof, Single & Dual Channel K, J, T-type Thermocouple Thermometers

- Simultaneously display high, low and current temperature
- HOLD button to freeze readings
- Extended range and 0.1 resolution
- Measures °F and °C

Professional grade thermometers with the power of 3 meters in one. In addition to their outstanding features the HI 93551N and HI 93552 offer a CAL button to allow the operator to calibrate the meter in an ice bath at 0°C and a user-activated backlight for low or no light conditions.

### SPECIFICATIONS

		HI 93551/ HI 93551N/ HI 93542 (Dual-Channel)/ HI 93552 (Dual-Channel)
<b>Range</b>	<b>K</b>	-328.0 to 999.9 °F / 1000 to 2500 °F (also reads in °C)
	<b>J</b>	-328.0 to 999.9 °F / 1000 to 1832 °F (also reads in °C)
	<b>T</b>	-328.0 to 752.0 °F (also reads in °C)
<b>Resolution</b>	<b>K</b>	0.1 °F (-24.9 to 999.9 °F) / 0.2 °F (-249.9 to -25.0 °F), 0.3 °F (-328.0 to -250.0 °F) / 1 °F (1000 to 2500 °F)
	<b>J</b>	0.1 °F (-149.9 to 999.9 °F) / 0.2 °F (-328.0 to -150.0 °F) / 1 °F (1000 to 1832 °F)
	<b>T</b>	0.1 °F (0.0 to 752.0 °F) / 0.2 °F (-270.0 to -0.1 °F) / 0.3 °F (-328.0 to -270.1 °F)
<b>Accuracy</b> (excl. probe error)		±1 °F (-148.0 to 999.9 °F) / ±1.5 °F (outside for one year)

### ACCESSORIES

**HI 766C1** Penetration probe with 1 m (3.3') cable  
**HI 766D** Air probe with 1 m (3.3') cable  
**HI 766F** High temp wire probe with 1 m (3.3') cable

**HI 766E1** General use probe with 1 m (3.3') cable  
**HI 766TV1** Pipe clamp probe with 1 m (3.3') cable  
**HI 766F1** Wire probe with 1 m (3.3') wire length

**HI 766EX** 1 m (3.3') extension cable  
**HI 710007** Blue shockproof rubber boot  
**HI 710008** Orange shockproof rubber boot



### ORDERING INFORMATION

**HI 93551** is supplied complete with wrist-strap, 3 x 1.5V AA batteries and instruction manual.

**HI 93551N** is supplied complete with wrist-strap, 3 x 1.5V AA batteries and instruction manual.

**HI 93542** is supplied complete with wrist-strap, 3 x 1.5V AA batteries and instruction manual.

**HI 93552** is supplied complete with wrist-strap, 3 x 1.5V AA batteries and instruction manual.