



High Precision Printing Thermometers

For applications requiring documentation and high precision, **HI 98710** and **HI 98740** are the perfect solution. The advanced **HANNA** instruments' electronics inside the thermometers linearizes measurements taken with the NTC thermistor sensor.

These portable instruments are engineered with large backlit displays to permit use even in dimly lit conditions. The meters incorporate the latest in GLP (Good Laboratory Practice) technology. At the touch of a button, you can retrieve the date and the details of last calibration. A host of default parameters are user-adjustable.

HI 98710 is a single channel unit, while **HI 98740** can incorporate up to 4 temperature probes. Printing intervals are user-selectable from 1 to 180 minutes. If more than one probe is in use, the printer will label the data of each probe.

The interchangeable **HI 762** sensors come preselected with a maximum interchangeability error of $\pm 0.2^{\circ}\text{C}$. The probe handles are color coded also to avoid cross contamination of samples - an important plus in the food sector.

Both models can be powered with batteries or through the 12 Vdc input.

Specifications

	HI 98710	HI 98740
Range	-50.0 to 150.0°C; -55.0 to 300.0°F	
Resolution	0.1°C (-30.0 to 130°C); 0.2°C (outside); 0.1°F (-18 to 225°F); 0.2°F (225 to 260°F); 0.3°F (outside)	
Accuracy	$\pm 0.4^{\circ}\text{C}$ (-20 to 120°C); $\pm 0.7^{\circ}\text{C}$ (outside); $\pm 0.8^{\circ}\text{F}$ (-4 to 248°F); $\pm 1.3^{\circ}\text{F}$ (outside) (for 1 year, excluding probe error)	
Channels	1	4
Probe	HI 762BL (included)	HI 762 series (not included)
Printer	low power impact, 14 characters per line, using 38 mm plain paper (HI 710034)	
Printing Interval	selectable at 1, 2, 5, 10, 15, 30, 60, 120 or 180 minutes	
Power Supply	4 x 1.5V AA battery / approx. 350 hours (without printing and backlight); auto-off selectable after 5, 10, 15, 30, 45 or 60 minutes of non-use; or 12 Vdc input	
Environment	0 to 50°C (32 to 122°F); RH max 95%	
Dimensions	220 x 82 x 66 mm (8.7 x 3.2 x 2.6")	
Weight	550 g (1.2 lb.)	

Accessories

HI 762BL	General purpose/liquid temperature probe with 1 m cable	HI 762070C	Test key at 70.0°C
HI 762L/10	General purpose/liquid temperature probe with 10 m cable	HI 710005	115 Vac/12 Vdc power adapter
HI 762-18C	Test key at -18.0°C	HI 710006	230 Vac/12 Vdc power adapter
HI 762000C	Test key at 0.0°C	HI 710034	Paper roll (10 pcs.)
		HI 710035	Ink cartridge (1 pc.)
		HI 721317	Rugged carrying case

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

Ordering Information

HI 98710 is supplied complete with **HI 762BL** temperature probe with 1 m cable, 5 paper rolls, batteries, rugged carrying case and instructions.

HI 98740 is supplied with 5 paper rolls, batteries, rugged carrying case and instructions.