

Printing and Logging Thermometers with Computer Connection

HI 98810 and HI 98840 combine the high accuracy and fast response time of the HI 98710 series with an extensive logging feature and an infrared computer transfer system. All stored measurements are complete with time, date sample and probe number.

The log-on-demand function is activated by simply pressing one button, while for automatic logging, the user can select a time interval from 1 to 180 minutes.

All logged data can be transferred to a PC by placing the instrument on the HI 9200 infrared interface, connected to the computer serial port. The connection is handled with the HI 92000 Windows® compatible software from HANNA instruments®.

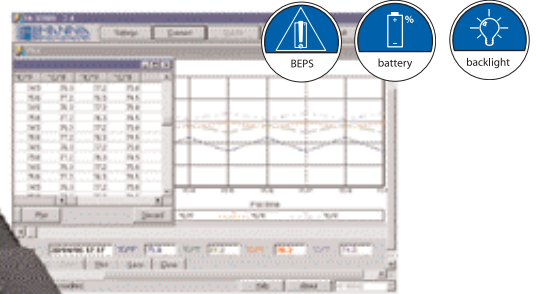
The large backlit LCD allows readings in dimly lit conditions.

These instruments can be powered with batteries or with a 12 Vdc supply.

HI 98810 accepts one temperature probe while HI 98840 can be connected to 4 separate probes at the same time.

HI 98810 is supplied with an HI 762BL temperature probe (for general purpose/liquid measurements).

Both models use the HI 762 series of thermistor probes by HANNA instruments®.



Specifications

	HI 98810	HI 98840
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	±0.4°C (-20 to 120°C); ±0.7°C (outside); ±0.8°F (-4 to 248°F); 1.3°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/Logging Interval	selectable at 1, 2, 5, 10, 15, 30, 60, 120 or 180 minutes	
PC Connection	HI 9200 interface through RS232 serial port and using HI 92000 software (not included)	
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.)	

Ordering Information

HI 98810 is supplied complete with HI 762BL temperature probe with 1 m cable, 5 paper rolls, batteries, rugged carrying case and instructions.

HI 98840 is supplied with 5 paper rolls, batteries, rugged carrying case and instructions.

Accessories

HI 762BL	General purpose/liquid temperature probe with 1 m cable	HI 710005	115 Vac/12 Vdc power adapter
HI 762L/10	General purpose/liquid temperature probe with 10 m cable	HI 710006	230 Vac/12 Vdc power adapter
HI 762-18C	Test key at -18.0°C	HI 710034	Paper roll (10 pcs.)
HI 762000C	Test key at 0.0°C	HI 710035	Ink cartridge (1 pc.)
HI 762070C	Test key at 70.0°C	HI 9200/9	Serial interface for PC connection
		HI 92000	Windows® compatible software
		HI 721317	Rugged carrying case

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