

# HI 98811



## Printing Thermometer with Sample Identification System

HI 98811 is a new thermistor thermometer designed for temperature monitoring in warehouses and stores. Thanks to the i-Button<sup>®</sup> located on the rear of the meter, it is possible to immediately identify the sample or lot location being measured.

The HI 762 probes, which can be used with this instrument, ensure fast and accurate measurements. The built-in printer allows users to produce a hard copy of readings at any time.

Moreover, the temperature data can be stored automatically or on-demand, and then transferred to a PC: all logged measurements are complete with date, time and sample identification number.

All data can be downloaded to your computer through a serial port, by using the HI 9200 infrared interface.

The backlit LCD allows operations even in poorly lit areas.

The meter can be powered with batteries or 12 Vdc input, for extended time logging.

### Specifications

HI 98811	
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)
Probe	HI 762BL (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.)

### Accessories

HI 762L/10	General purpose/liquid temperature probe with 10 m cable	HI 710034	Paper roll (10 pcs.)
HI 920005	i-Button <sup>®</sup> with holder (5 pcs.)	HI 710035	Ink cartridge (1 pc.)
HI 710005	115 Vac/12 Vdc power adapter	HI 9200/9	Serial interface for PC connection
HI 710006	230 Vac/12 Vdc power adapter	HI 92000	Windows <sup>®</sup> compatible software
		HI 710031	Rugged carrying case

### Ordering Information

HI 98811 is supplied complete with HI 762BL temperature probe with 1 m cable, 5 i-Button<sup>®</sup> with holder, 5 paper rolls, batteries, rugged carrying case and instructions.

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