
HI 9161 Portable, Printing, Thermo-Hygrometer



- **Documented monitoring** Ideal for constant monitoring of R.H. levels. It prints sample #, date and time of recording, printing interval, R.H. and °C.
 - **User Selectable Printing Intervals** Choose from 1, 2, 5, 10, 15, 30, 60, 120 and 180 minute printing intervals.
 - **Low Power Consumption** Long battery life with up to 500 hours of use with 60 minute printing intervals. If used in the field, the meter can be plugged into a 12 VDC battery recharger for extended periods of printing.
 - **No Need for Thermal Paper** Type-belt printer uses regular, inexpensive, non-fading paper.
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HI 9161 is the world's first portable, printing, thermo-hygrometer. This unique, lightweight meter gives instant print-outs of sample #, date and time of recording, printing interval, relative humidity and temperature at user-selectable intervals (R.H. & temp. print with 0.1 resolution). The intervals are selectable from 1, 2, 5, 10, 15, 30, 60, 120 and 180 minutes. The large LCD displays both the Relative Humidity reading and temperature reading simultaneously. When your laboratory recording requires high accuracy (2% RH and 0.4°C/1°F) and fast response, the HI 9161 is the meter of choice. It has been designed to read from two separate probes, an R.H. probe and a temperature probe for increased flexibility. An RH probe with a 5 meter cable (HI 70604/5) is also available for special applications. A wide selection of interchangeable HI 762 temperature probes is available. HI 9161 comes complete with an HI 70604/2 R.H. probe with 7' (2 m) cable, an HI 762L/2 temperature probe with 7' (2 m) cable, 4 x 1.5V AA batteries, 5 paper rolls and instruction manual in a rugged carrying case.

Specifications:

		HI 9161F	HI 9161C
Range:	R.H.	5.0 to 95.0%	5.0 to 95.0%
	Temp	-20.0 to +60.0°C	-4.0 to +140.0°F
Resolution:	R.H.	0.1%	0.1%
	Temp	0.1°C	0.1°F
Accuracy:	R.H.	±2%	±2%
	Temp	±0.4°C	±1°F
Probe:		HI 70604/2 TFPC R.H. probe; HI 762L/2 temp probe	
Printer:		Low-power impact type belt, using plain paper	
Printing Intervals:		Selectable from 1,2,5,10,15,30,60,120 & 180 minutes	
Environment:		32 to 122°F (0 to 50°C); RH 98% non-condensing	
Battery:		4 x 1.5 volt AA / 500 hours with 60 min. intervals	
		Power socket for 12 VDC supply	
Weight:		18oz (500g) KIT: 3.1 lbs (1.4 Kg)	
Dimensions:		8.7 x 3.2 x 2.6" (220 x 82 x 66mm)	
Service Contract:		Annual service contract available	

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