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HI 8564

Portable Thermo-Hygrometer with Detachable Probe

HI 8564 thermo-hygrometer provides readings with 98% precision in a very short time for both R.H. and temperature. The detachable R.H. probe is housed in a rugged ABS cylinder with a thin-film polymer humidity sensor and a signal amplifier. A perforated cap on the probe allows the air to circulate while it protects the sensitive sensor. The standard cable is 2 m long

(7'), and a 5 meter (16.5') version is also available. Specially designed for internal applications such as museums, libraries, computer rooms and printing facilities, the smooth membrane keyboard has 4 keys that make operation simple and quick. A large LCD displays readings in easy-to-read digits, each with a symbol next to it to identify the operating mode.

• Quick Response Time

With no air circulation, the response time for this meter is under 30 seconds for 95% accurate Relative Humidity and under 15 seconds for 95% accurate temperature measurements.

• Flexibility with Long Cable

This meter can be carried in the museum, library, archives or anywhere relative humidity is important. The standard 2 meter (7') cable allows monitoring in hard-to-reach places. For remote applications, a 5 meter (16.5') cable is also available.

• Two Meters in One Unit

The rugged RH probe has a built-in temperature sensor. This feature makes HI 8564 also an excellent stand-alone thermometer reading in both Celsius and Fahrenheit..

SPECIFICATIONS

		HI 8564
RANGE	RH	10.0 to 95.0%
	°C	0.0 to 60.0
	°F	32 to 140
RESOLUTION	RH	0.1%
	°C	0.1
	°F	1
ACCURACY (@25°C/77°F)	RH	±2%
	°C	±0.4
	°F	±1
		for one year, excluding probe error
TYPICAL EMC DEVIATION	RH	±2%
	°C	±0.5
	°F	±1
PROBE		HI 70601/2 TFPC R.H. and temperature probe with 2 m (7') cable
BATTERY TYPE / LIFE	1 x 9V	/ approx. 100 hours of continuous use
ENVIRONMENT		0 to 50°C (32 to 122°F); RH 98%
DIMENSIONS		185 x 82 x 45 mm (7.3 x 3.2 x 1.8")
WEIGHT		315 g (11.1 oz.)

HOW TO ORDER

HI 8564 is supplied complete with HI-70601/2 RH probe with 2 m (7') cable, 9V battery and instruction manual

ACCESSORIES

HI 710001 Soft carrying case
 HI 70601/2 RH probe with 2 m (7') cable
 HI 70601/5 RH probe with 5 m (16.5') cable
 HI 7101 Mini calibration chamber
 HI 7111/P Spare saturation LiCl salts (6x15 g)
 for low humidity calibration

HI 7121/P Spare saturation NaCl salts (6x33 g)
 for high humidity calibration
 HI 710009 Blue rubber boot
 HI 710010 Orange rubber boot
 HI 710031 Rugged carrying case

For the complete range of RH probes see page Q9.