

Portable Thermo-Hygrometer with Detachable RH/Temperature Probe

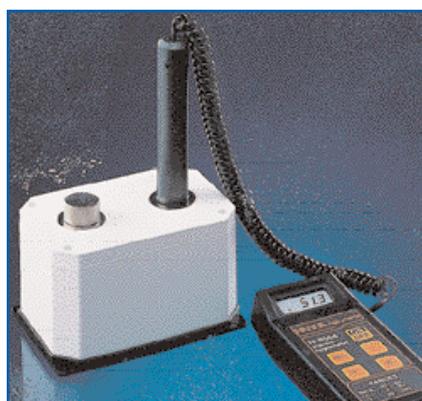


HI 8564 thermo-hygrometer provides readings with high precision in a very short time for both R.H. and temperature. The detachable R.H. probe is housed in a rugged ABS cylinder with a thin-film polymer humidity sensor and a signal amplifier.

A perforated cap on the probe allows the air to circulate while it protects the sensor. The standard cable is 2 m long (7'), and a 5 m (16.5') version is also available.

HI 8564 is specially designed for controlled environment 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.



Specifications

HI 8564		
Range	RH	10.0 to 95.0%
	Temperature	0.0 to 60.0°C / 32 to 140°F
Resolution	RH	0.1%
	Temperature	0.1°C; 1°F
Accuracy	RH	±2%
	Temperature	±0.4°C; ±1°F
(for 1 year, excluding probe error)		
RH Calibration	manual, 2-point, through trimmer on the RH probe	
RH Probe	HI 70601/2, with built-in temperature sensor and 2 m (6.6') cable (included)	
Battery Type / Life	1 x 9V / approx. 100 hours of continuous use	
Environment	0 to 50°C (32 to 122°F); RH max 98% non-condensing	
Dimensions / Weight	185 x 82 x 45 mm (7.3 x 3.2 x 1.8") / 275 g (9.7 oz.)	

Ordering Information

HI 8564 is supplied complete with HI 70601/2 RH probe with internal temperature sensor and 2 m (6.6') cable, battery and instructions.

Accessories

HI 70601/2	RH probe, 2 m (6.6') cable	HI 710009	Blue shockproof rubber boot
HI 70601/5	RH probe, 5 m (16.5') cable	HI 710010	Orange Shockproof rubber boot
HI 7101	Calibration chamber	HI 710001	Soft carrying case
HI 7111/P	Spare saturation LiCl salts for low humidity calibration (15 g, 6 pcs)	HI 721316	Rugged carrying case
HI 7121/P	Spare saturation NaCl salts for high humidity calibration (33 g, 6 pcs)		

For accessories, see section U. For a complete list of RH probes, see page N14.