Thermo-Hygrometer for Education

2 points

With a simple rotary switch measuring both relative humidity and temperature, HI 8064 ranks among the easiest thermohygrometers to operate.

Just turn the dial from off to RH% for relative humidity in % from 10 to 95% or °C for temperature in Celsius, and the large LCD will show the appropriate measured value in seconds.

The probe handle contains the amplification circuitry to ensure an accurate and linear reading throughout the range. The probe tip is perforated to allow air circulation and thus guarantee a fast response time. To measure humidity electronically, a thin film polymer capacitance is used.

The probe handle is made of tough ABS material to withstand the wear and tear of everyday use.

Weighing less than a pound with battery life of one hundred hours and a response time of less than half a minute, HI 8064 is ideal for use in schools, libraries, museums and horticulture.

Specifications

		HI 8064
Range	RH	10.0 to 95.0%
	Temperature	0.0 to 60.0°C
Resolution	RH	0.1%
	Temperature	0.1°C
Accuracy	U.R.	±2%
	Temperature	±0.4°C (for 1 year, excluding probe error)
RH Calibration		manual, 2-point, through trimmer on the RH probe
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		180 x 83 x 40 mm (7.1 x 3.3 x 1.6")
Weight		180 g (6.3 oz.)

Ordering Information

HI 8064 is supplied complete with HI 70601/2 RH probe (fixed) with 2 m (6.6') cable, battery and instructions.

Accessories

HI 70601/2(*)	RH probe, 2 m (6.6') cable	HI 710009	Shockproof rubber boot, blue
HI 70601/5(*)	RH probe, 5 m (16.5') cable	HI 710010	Shockproof rubber boot, orange
HI 7101	Calibration chamber		
HI 7111/P	Spare saturation LiCl salts for low humidity calibration (15 g, 6 pcs)	HI 710001	Soft carrying case
		HI 710031	Rugged carrying case
HI 7121/P	Spare saturation NaCl salts for high humidity calibration (33 g, 6 pcs)		

(*) To be replaced by technical personnel only.

For accessories, see section U.