



## Compact, Portable Thermo-Hygrometer



HI 93640 is a compact, portable and versatile hygrometer to monitor relative humidity anywhere.

The built-in thin-film capacitance sensor assures accurate humidity measurements from 5 to 95% RH with a resolution of 0.1%.

The rubber keypad protects the keyboard from dust and accidental splashes.

A sintered cap can be placed on the sensor shaft for protection in dusty environments. If faster response is desired, the cap can be removed.

Designed to be operated with just one hand, the compact housing fits easily into your palm.

This simple-to-use meter is ideal for the HVAC field.

For better instrument protection, use the shockproof rubber boot (see accessories).

### Specifications

HI 93640		
Range	RH	5.0 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)
Battery Type / Life	1 x 9V / approx. 100 hours of continuous use	
Environment	0 to 50°C; RH max 98% non-condensing	
Dimensions	190 x 80 x 38 mm (7.5 x 3.1 x 1.5")	
Weight	200 g (7.1 oz.)	

### Accessories

HI 7102	Calibration chamber	HI 710007	Blue Shockproof rubber boot
HI 7111/P	Spare saturation LiCl salts for low humidity calibration (15 g, 6 pcs)	HI 710008	Orange Shockproof rubber boot
HI 7121/P	Spare saturation NaCl salts for high humidity calibration (33 g, 6 pcs)	HI 710011	Probe sintered cap
		HI 710031	Rugged carrying case

For accessories, see section U

### Ordering Information

HI 93640 is supplied complete with probe sintered cap, battery and instructions.