



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.