

Hand-Held Thermo-Hygrometers with Calibration Data-Logging RH Probe



HI 9564 and HI 9565 are two new portable thermo-hygrometers designed to provide excellent performance in harsh environments and poorly lit areas.

Thanks to a new built-in microchip, the RH probe, HI 70602, can store calibration data. When the probe is connected to another hygrometer, the microchip transfers the stored calibration data and there is no need to recalibrate the instrument.

Both instruments feature auto-off after 20 minutes of inactivity, temperature readings in Celsius and Fahrenheit, and on-line help to indicate anomalies and direct procedures.

In addition to RH and temperature, HI 9565 will display the dew point with the press of a button. The dew point indicates, at a certain temperature, the presence of water vapor in the air. With this feature HI 9565 permits useful and rapid environmental monitoring where a controlled microclimate is necessary, like green houses, museums, clean rooms and laboratories.



Specifications

		HI 9564	HI 9565
Range	RH	20.0 to 95.0%	20.0 to 95.0%
	Temperature	0.0 to 60.0°C / 32 to 140.0°F	0.0 to 60.0°C / 32 to 140.0°F
	Dew Point	—	-20.0 to 60.0°C / -4.0 to 140.0°F
Resolution	RH	0.1% RH	0.1% U.R.
	Temperature	0.1°C / 0.1°F	0.1°C / 0.1°F
	Dew Point	—	0.1°C / 0.1°F
Accuracy	RH	3% RH (50 to 85% RH) ± 4% RH (outside)	3% RH (50 to 85% RH) ± 4% RH (outside)
	Temperature	± 0.5°C / ± 1°F	± 0.5°C / ± 1°F
	Dew Point	—	± 0.5°C / ± 1°F
Probe	HI 70602 RH combined probe with built in temperature sensor and microchip, 1 m cable (included)		
Battery Type / Life	1 x 9V / approx. 250 hours of use; auto-off after 20 minutes of non-use.		
Environment	0 to 60°C (32 to 140°F); RH max 98% non-condensing		
Dimensions	164 x 76 x 45 mm (6.5 x 3 x 1.8")		
Weight	340 g (12 oz.)		

Accessories

HI 70602	RH probe with temperature sensor, 1 m (3.3')	HI 710010	Orange shockproof rubber boot
HI 710009	Blue shockproof rubber boot		

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

Ordering Information

HI 9564 and HI 9565 are supplied complete with HI 70602 RH probe, battery, instruction manual and blue protective case.

