



HI 9564 • HI 9565

# Data-logging Thermo-Hygrometers

with Dew Point

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RELATIVE HUMIDITY

## RH, Temperature and Dew Point on Backlit Display

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

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

HI 7062 RH probe features a built-in microchip that can store calibration data. When the probe is connected to another hygrometer, the microchip transfers the stored calibration data and eliminates the 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.

- "HOLD" key to freeze readings on the display
- Backlit LCD
- Auto shut-off
- Built-in temperature sensor



## Libraries & Museums

Where the monitoring of humidity levels is essential to guarantee the preservation of works of art.



### 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% RH
	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 & 15 to 40°C); ±5% RH (outside)	±3 % RH (50 to 85 % RH & 15 to 40°C); ±5% RH (outside)
	Temperature	±0.5°C / ±1°F	±0.5°C / ±1°F
	Dew Point	—	±2°C / ±4°F (50 to 85 % RH & 15 to 40°C); ±4.5°C / ±9°F (outside)
Probe	HI 70602 RH combined probe with built in temperature sensor and microchip, 1 m cable (included)		
Battery Type / Life	(1) 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.)		

### ORDERING INFORMATION

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

### ELECTRODES

HI 70602 RH probe with temperature sensor, 1 m (3.3')