



Traceable® Humidity/Temperature Meter

Digital display permits instant readings of relative humidity and temperature (°F/°C). It is ideal to monitor conditions in chambers, clean rooms, food processing, scientific labs, and all humidity-sensitive manufacturing operations. Memory captures 99 data points which can be recalled on command.

Traceable to NIST

To assure accuracy an individually serial-numbered Traceable® Certificate is provided from our ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by NIST (National Institute of Standards and Technology). Humidity range is 10.0 to 95.0%RH and temperature range is -4.0 to 140.0°F (-20.0 to 60.0°C). Resolution is 0.1 for both readings. Accuracy is ±2.5%RH mid-range to ±5%RH elsewhere. Response time is 30 seconds to 5 minutes. Data hold switch freezes the display to capture a reading. Large, bright, ½-inch-high four-digit liquid crystal display can be read from 10 feet away. Rugged handheld unit is completely portable and designed for years of dependable and reliable service.

Instantly updates readings

Battery powers the unit for 1 year of intermittent use or 100 hours of continuous readings. Precision thin-film capacitance sensor updates the display three times per second. Supplied complete with Traceable® Certificate, 9-volt alkaline battery, and carrying case. Size is 2½ x 10½ x 1 inches. Weight is 7 ounces.

Cat. No. 4187 Traceable® Humidity/Temperature Meter

Cat. No. 4138 Easy-Use™ Accessory Adaptor 115 VAC

Traceable® Humidity/ Temperature Pen

Humidity/Temperature Pen with memory makes it easy to monitor any location

Pen continuously and simultaneously displays both RH and °F/°C with dual-recall memories. Handy pocket clip makes it easy to carry. Memory displays highest and lowest humidity/temperature readings achieved overnight or during any time period. Three-quarter-inch-high LCD can be read at a glance. Meets Federal Government CLIA requirement 493.1252.

Fast response

Pocket pen has solid-state sensors which respond in less than 30 seconds. Display is updated every second. Temperature range is 32.0 to 122.0°F (0.0 to 50.0°C) with a resolution of 0.1° and an accuracy of ±1°C. Relative humidity display is 2 to 98% with the usable range of 25 to 98%. Resolution is 1% and accuracy is ±3.5%RH midrange to ±5.5%RH in the usable range. To assure accuracy an individually serial-numbered Traceable® Certificate is provided from our ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by NIST (National Institute of Standards and Technology).

Lightweight and compact

Supplied with a 1.5V battery for continuous, always-on monitoring for half a year. Case is high-impact, chemical-resistant ABS plastic. Size is 6% x 1¼ x ½ inches. Weight is 1¾ ounces.

Cat. No. 4093 Traceable® Humidity/Temperature Pen

