

4180-4181

Traceable® Printing Hygrometer/Therm. °C/°F

Printing Hygrometer/Thermometer provides permanent hard-copy results

Provides a permanent record by printing current humidity/temperature/time/date and maximum/minimum readings, plus the time/date they occurred. Triple display with 3/8-inch-high LCD digits continuously and simultaneously shows humidity, temperature 1, and temperature 2. Perfect dependable and reliable unit to monitor relative humidity and temperature in the lab, plant, and field. Meets federal requirements for CLIA specification 93.1207. Printer provides hard copy for today's stringent QC documentation.

Use anywhere

Ideal for use in hoods, clean rooms, food storage areas, drug manufacturing, all air analysis, and environmental chambers. Automatically prints the current humidity/temperature 1, temperature 2, dewpoint, date, and time of day at any programmed interval or at the press of a button. The printer may be programmed to automatically and repeatedly print in any increment from 6 seconds to 59 minutes, 59 seconds.

Answers in less than 10 seconds

Fast-response, solid-state sensors detect changes in less than 10 seconds. Relative humidity range is 10 to 95% with a resolution is 0.1% and an accuracy of $\pm 3\%$ RH mid-range to $\pm 5\%$ RH elsewhere. T1 temperature range is from -20 to 60°C (-4 to 140°F), resolution of 0.1° , accuracy $\pm 1^{\circ}\text{C}$ ($\pm 1.8^{\circ}\text{F}$). T2 Type K thermocouple temperature range is from -200 to 1333°C (-328 to 2431°F), accuracy $\pm(0.2\%$ of the reading plus 1.8°C), resolution of 0.1°C (from -200°C to 999.9°C) and 0.1°F (from -328°F to 999.9°F) otherwise 1° . Time is displayed in 24-hour military time to the minute. 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).

Supplied with Humidity/T1 temperature probe, T2 Type K probe, paper, probe holder/stand, carrying case, and six AAA batteries. Accessory adaptor for continuous AC operation is available. Tough ABS plastic case is chemical- and shock-resistant. Humidity/T1 probe is 3/4-inch diameter x 6-1/4 inches, cable length is 4 feet, T2 probe is 0.06-inch-diameter, cable length of 4 feet. Unit is 7-1/2 x 3 x 1-1/2 inches. Weight is 10 ounces.

Cat. No. 4180 Traceable® Printing Hygrometer/Therm.

Cat. No. 4181 Traceable® Printing Hygrometer/Therm.

Cat. No. 8182 Printing Paper (pack of 2 rolls)

Cat. No. 8183 Accessory Adaptor (for AC operation)