NEW!

Specifications

Measurement Range	Temp: –10°C to 60°C (14°F to 140°F) Hum: 20 to 99.9%
Measurement Accuracy	Temp: ±0.5°C (±0.9°F) Hum: ±5%, internal sensor; ±2%, external sensor
Resolution	Temp: 0.1° Hum: 0.1%
Sensors	Temp: thermistor Hum: high polymer resistance-change humidity sensor
Sampling Rate	Approximately 1 second
Log Intervals	13 options from 1 second to 60 minutes
Memory Capacity	8,100 lines of data, each channel
Communication	RS-232 (cable included)
Software	Windows 95–based download and analyze software included; real-time data acquisition software optional
Calibration	Factory certificate included with data (Sato, Japan)
Power Supply	Four 6-VDC alkaline batteries included; AC adapter optional
Battery Lifetime	4 months (using 30-minute log interval)
Size	4.7" W x 3.3" H x 1.1" D (120 x 84 x 28 mm)
Weight	8 oz. (227 g), including batteries

Temperature/Humidity Logger	Model 5113
Replaces paper-based recorders	
Easily mounts on a wall or fits in a pocket	
Windows 95–based analysis software included	

For easy, paperless, environmental monitoring, nothing beats the new Model 5113 Temperature and Humidity Logger from Sato. No other product offers this combination of convenience, accuracy, and price.

The Model 5113 records temperature and humidity using either internal or external sensors. Measurements are made every second and are accurate to ±0.5°C and ±2.0%, respectively. Readings are displayed in large, easy-to-view letters on the LCD display and can even be viewed while logging data.

Up to 8,100 lines of date- and time-stamped data may be logged in memory for each sensor. With the included Windows 95–based software, analysis of your data is easy both graphically and statistically. Real-time data acquisition is also possible with optional software.

At roughly the size of a PalmPilot™, the 5113 mounts easily onto a wall or can be carried in a pocket to any place you need to monitor. Thirteen logging intervals can be selected, from 1 second to 60 minutes, and delayed start times can be preprogrammed through your PC. Using a measurement interval of 30 minutes, the 5113 can provide up to four months of power from AA batteries. And data is retained in memory when the unit is powered off—even when changing batteries.

No other humidity and temperature logger is this easy to use. Programming the correct date and time, selecting temperature units, starting and stopping logging, and selecting logging intervals are all easily done through the front-panel buttons. A bar chart on the front-panel display even shows the amount of memory used.

We use several of these to report ambient conditions at our calibration benches, and we love them. You will too.

Ordering Information

5113	Temp/Humidity Logger (includes internal and external sensors, Windows 95–based download and analyze software, batteries, wrist strap, and RS-232 cable)
5306-002	AC Adapter
5306-003	Real-Time Data Acquisition Software
5306-004	Heavy-Duty Carrying Case
1980	Calibration by Hart, see page 158

Read about our accreditation on page 3.

Other Neat Stuff