



HUMIDITY LOGGERS

Full Range High Accuracy Model DW-HS-B-16

The DataWatch™ DW-HS-B-16 is temperature logger with an internal temperature sensor and a high accuracy humidity sensor on the exterior of the unit. This unit is a highly accurate, responsive and easy-to-operate temperature and humidity data collecting system - all at an extremely affordable price.



Compare the features found in the DataWatch™ Temperature and Humidity Logger against similar systems at any price - nothing is more versatile than this unit. Based on over ten years of design experience, this datalogger

technology and its state-of-art software has been successfully used to document temperature and humidity measurements in such applications as in-transit and warehouse monitoring, QC and HACCP processes as well as research, laboratory and environmental studies.

Powerful enough to satisfy the most demanding monitoring applications, yet simple enough to operate whereby you will be documenting critical data in a matter of minutes, the DataWatch™ Temperature and Humidity Logger is the ideal tool for meeting the challenge of all your data collection needs.

Inquire about Global Sensors humidity calibration maintenance programs. Humidity sensors usually require routine recalibration.

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Specifications

Temperature Measuring Range
-4°F to +140°F (-20°C to +60°C)

Humidity Measuring Range
0 to 100%

Accuracy
+0.5°F (+0.3°C); Humidity: +3%RH

Response Time
Temperature: T90 of less than 1 minute in moving air
Humidity: T90 in 10 seconds in moving air

Time Accuracy
Real time clock - accuracy better than 40 seconds/month

Memory
16,000 samples

Sampling Frequency
10 seconds to 255 minutes

Warranty
1 year

Validation Test
Available



Our most important accessory is the dust/dripwater protector cap. This is a durable, open-cell rigid foam replacement for the screw-on "cage" that protects the humidity sensing element on the DW-HS-B-16. The cap is threaded and screws directly on the case threads.

Many humidity monitoring applications are in dusty or very humid conditions. Dust and dripping water both can compromise the accuracy of the delicate humidity sensor. This special cap protects against dirt or liquid water damage to the sensor.

Ask about the availability of this important accessory if your application is dusty or high humidity.