

TEMPERATURE LOGGERS

Food Temperature Range Dual Probe Model DW-2E-D-16

The DataWatch™ DW-2E-D-16 is temperature logger with an internal and two external sensors. With 16,000 data points memory, and a range of -40°F to +158°F (-40°C to + 70°C), this unit is perfect for monitoring two external systems at the same time, or for better sampling distribution.



Based on over ten years of design experience and customer feedback, this datalogger technology and its state-of-art software lets you begin collecting data input almost immediately with simple-to-follow software. Easy to operate, yet packed with powerful features such as activation wake-up, memory that is retained even if battery power is lost, a simple-to-replace battery, one-button reprogramming and flexible timing intervals. The DW-2E-D-16 comes standard with two rugged stainless steel piercing probes mounted at the end of 3 feet (1 meter) of cable length.

Inquire about Global Sensors calibration maintenance programs. We calibrate what we sell.

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Specifications

Temperature Measuring Range
-40°F to +158°F (-40°C to +70°C)

Accuracy
±0.5°F (±0.3°C)

Response Time
T₉₀ of 4 minutes (external) and 12 minutes (internal) in moving air

Average Resolution
+0.5°F (+0.3°C)

Timing Resolution
Real time clock - accuracy better than 40 seconds/month

Memory
16,000 samples

Sampling Frequency
5 seconds to every 255 minutes

Warranty
One Year

External Sensors
Rugged stainless steel probes measuring 3.14" (80mm) with 3 feet (1 meter) cable length standard (additional cable length available at an additional charge)

Battery
High quality user-replaceable lithium photo cell provides unattended operation for over a year

Software
Simple 'one-click' download of information and a software that easily allows you to reset the logger for another usage; Activation at specified "wake-up" time or by immediate magnet-swipe

Contacts
Deep gold plated for reliability and data integrity

