



TEMPERATURE LOGGERS

Food Range Sanitary Logger Model DT-IN-C-16-CEI

The DataWatch™ DT-IN-C-16-CEI is a highly specialized temperature logger with 316 stainless steel and food safe resin construction. The unit can be completely sterilized for use in food preparation and processing operations.

The C-range covers the food-relevant temperatures (cooking and storage) of -4°F to $+212^{\circ}\text{F}$ (-20°C to $+100^{\circ}\text{C}$). This range is important for food processing and related applications.

This unit requires downloading via a specially sized interface. Be sure to specify a matching interface when ordering as this accessory is essential for operation of the logger.

Use interface DW-INT-SSC for this logger.



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

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Specifications

Temperature Measuring Range
 -4°F to $+212^{\circ}\text{F}$ (-20°C to $+100^{\circ}\text{C}$)

Accuracy
 $\pm 0.5^{\circ}\text{F}$ ($\pm 0.3^{\circ}\text{C}$)

Response Time
 T_{90} of 4 minutes (external) and 12 minutes (internal) in moving air

Average Resolution
 $+0.5^{\circ}\text{F}$ ($+0.3^{\circ}\text{C}$)

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

Memory
16,000 samples

Sampling Frequency
5 seconds to every 255 minutes

Warranty
Two Years

Pressure/Temperature Ratings
 $+257^{\circ}\text{F}$ ($+125^{\circ}\text{C}$) @ 5 bar for 30 minutes

External Sensor
Integral 316 Stainless Steel probes

Case
All 316 Stainless Steel & High Temp Resin
Rated IP68 Assembled
Case Body: 2.0 in x 1.7 in (49mm x 28mm)
Probe: height 3.9 in (100mm)
diameter 0.18 in (4.5mm)

Weight
8.8 oz (250g)

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