

## In-Transit Temperature Recorder Part of the NOMAD® Family

### OM-CP-TRANSITEMP-EC-13

Buy 12, Get 1 FREE!



- ✓ Sold as a Baker's Dozen (Buy 12 and Get 1 Free)
- ✓ Ultra Low-Cost
- ✓ Single-Use
- ✓ Used Data Loggers Can be Returned and Refurbished to "Like New" Condition
- ✓ Unparalleled Quality and Performance
- ✓ Convenient Size
- ✓ Push-Button Start
- ✓ User-Selectable Reading Rate
- ✓ Programmable Alarm
- ✓ Instantaneous Out-of-Range Alarm Indication



OM-CP-TRANSITEMP-EC shown as Baker's Dozen and shown smaller than actual size.

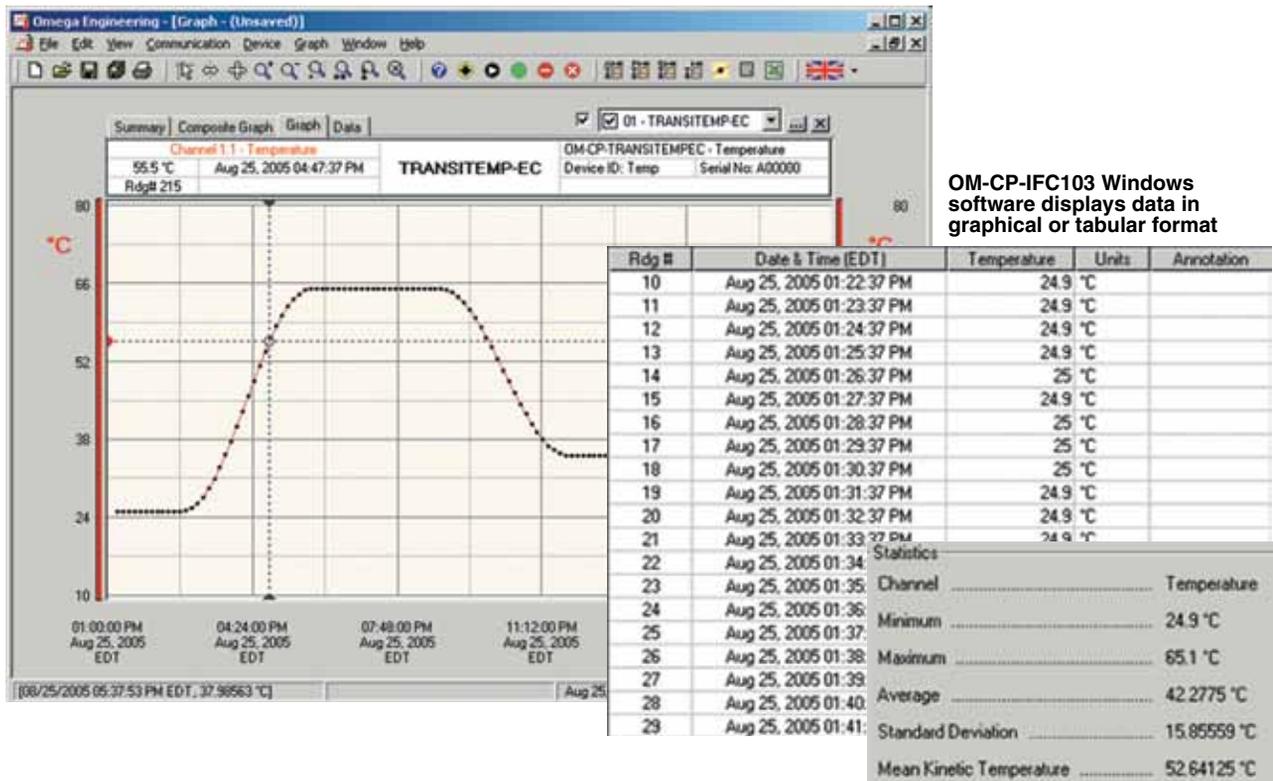


OM-CP-TRANSITEMP-EC

The OM-CP-TRANSITEMP-EC is a low-cost temperature recorder designed to allow the user to easily monitor temperature fluctuations over time during shipment or storage of goods. Each logger can only be started once to monitor temperature during one application (single use). Used data loggers can either be discarded or returned to be refurbished (for a small fee) to "like new" condition so they can be used again. This all-in-one, compact, portable, easy-to-use

device will measure and record up to 8191 measurements per channel. The storage medium is non-volatile solid state memory, providing maximum data security even if the battery becomes discharged. The device can be started by holding down a recessed pushbutton. Once started, a green LED indicator light will blink twice to indicate that the device is active. A second red LED indicator will blink at 3-second intervals if the temperature goes above or below the selected alarm settings.

The OM-CP-TRANSITEMP-EC makes data retrieval quick and easy. Simply plug it in to an available COM port and our user-friendly software will do the rest. The software converts your PC into a real-time strip chart recorder. Data can be printed in graphical or tabular format and exported to a text or Microsoft Excel file.



## Specifications

**Temperature Sensor:** Semiconductor

**Temperature Range:**  
-20 to 70°C (-4 to 158°F)

**Temperature Resolution:** 0.1°C

**Calibrated Accuracy:**  
±0.5°C (-10 to 40°C)  
±1.0°C (-20 to 70°C)

**Memory:** 8191 readings (>85 days at 1 reading/15 minutes)

**Recording Interval:** 1 reading every 5 seconds to 1 every 30 minutes, selectable in software

**Start Time:** Pushbutton start or programmable start time and date up to 30 days in advance

**Data Format:** Date and time stamped °C, °F

**Time Accuracy:** ±2 minutes per month at 25°C

**Temperature Alarm:** Programmable temperature alarm with high and low limits selectable in software; when logged data reaches or exceeds either limit, red LED blinks every 10 seconds

**Activity Indicator:** Green LED blinks every 10 seconds to indicate device has been started; the red LED will blink if an alarm condition exists

**Power:** 3V lithium coin cell included, 2 year shelf life

**Battery Life:** 90 days typical at 25°C, 1-minute reading intervals

**Computer Interface:** PC serial or RS232C COM (interface cable required) 38,400 baud

**Software:** XP SP3/Vista/7 and 8 (32-bit and 64-bit)

**Operating Environment:**

-20 to 70°C (-4 to 156°F)  
0 to 90% RH non-condensing

**Dimensions:** 44 W x 67 L x 16 Dia mm (1.7 x 2.6 x 0.6")

**Weight:** 25 g (0.9 oz)

**Material:** ABS plastic

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**To Order Visit [omega.com/om-cp-transitemp-ec-13](http://omega.com/om-cp-transitemp-ec-13) for Pricing and Details**

Model No.	Description
OM-CP-TRANSITEMP-EC-13	Thirteen single use in-transit temperature recorder, sold as a baker's dozen (13 loggers for the price of 12)
OM-CP-IFC103	Windows software and 1.2 m (4') RS232 cable with DB9F termination

Operator's manual and RS232 cable are included with the **OM-CP-IFC103** Windows software (required to operate the data logger and sold separately). Used data loggers can be returned and refurbished to like-new condition for additional cost. Contact our Customer Service Department for details.

**Ordering Example:** OM-CP-TRANSITEMP-EC-13 single use in-transit temperature recorder (baker's dozen) and OM-CP-IFC103 Windows software and RS232 cable.