## OM-CP-THERMOVAULT

- Single Channel Thermocouple Input
- Programmable Start Time; Immediate or Date/Time
- Miniature Size
- Record Short Thermal Profiling Events

The OM-CP-THERMOVAULT is a thermally insulated, battery-powered, stand-alone data logger used for thermal profiling of events. This device can be used to record the temperature inside an oven for later downloading to a PC. This all-in-one, compact, portable, easy-to-use device will measure and record up to 500,000 temperature measurements.

The OM-CP-THERMOVAULT is a major leap forward in both cost reduction and performance. Its real-time clock ensures that all data is time and date stamped. The storage medium is non-volatile solid state memory, providing maximum data security even if the battery becomes discharged. The thermovault’s small size allows it to fit almost anywhere. Data retrieval is simple. Plug it into an available COM port and our easy-to-use software does the rest. The software converts your PC into a real-time strip chart recorder. Data can be printed in graphical or tabular format and can be exported to a text or Microsoft Excel file.

### Specifications

**Thermocouple Connection:** Fixed 2 position screw terminal  
**Cold Junction Compensation:** Automatic  
**Accuracy* (based on internal channel at uniform 20°C):**  
- J, K, T, E, N: ±0.5°C  
- R, S, B: ±2.0°C  
**Resolution:**  
- J, K, T, E, N: 0.1°C  
- R, S, B: 0.5°C  
**Memory:** 500,000 readings; software configurable memory wrap 250,000 readings in multiple start/stop mode

### To Order

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>OM-CP-THERMOVAULT</td>
<td>Oven temperature data logger</td>
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<tr>
<td>OM-CP-THERMOVAULT-CERT</td>
<td>Oven temperature data logger with NIST calibration certificate</td>
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<tr>
<td>OM-CP-IFC200</td>
<td>Windows software and 1.8 m (6”) USB interface cable</td>
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<tr>
<td>OM-CP-SVP-SYSTEM</td>
<td>FDA 21 CFR part 11 compliant IQ/OQ/PQ secure software validation workbook and software package (unlimited users, license per computer)</td>
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<tr>
<td>OM-CP-BAT105</td>
<td>Replacement 3.6V lithium battery</td>
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</table>

Comes complete with 3.6V lithium battery. Operator’s manual and USB interface cable are included with the OM-CP-IFC200 Windows software (required to operate the data logger sold separately). Ordering Example: OM-CP-THERMOVAULT-CERT, oven temperature data logger with NIST calibration certificate, OM-CP-IFC200, Windows software and USB interface cable.