Humidity + Temperature Datalogger Kits

Compact, powerful and easy to use
Records up to 16,000 readings

Features:
• Model 42265 — Temperature Datalogger kit records up to 8000 readings
• Model 42275 — Temperature and Humidity Datalogger kit records up to 16,000 readings (8,000 readings for each parameter)
• Use in storage containers, shipping vans, freezers and more
• Logs data for days, weeks or months — up to 1 year battery life
• Multiple Dataloggers (42260 or 42270) can be programmed and data downloaded from one single docking station
• Programmable sampling rate from 1 sec to 2 hrs plus Hi/Lo limits with alarm indication
• Program the logger, analyze and store data using Windows® 95/98/2000/NT/ME/XP compatible software
• View temperature (42265) or both humidity and temperature (42275) on LCD display
• Three start methods: Scheduled, immediate or magnetic
• Real time clock stores date & time with data
• Waterproof: 42260 to IP65, Water resistant: 42270

Wide operating range:
Humidity: 0 to 100% RH (model 42270)
Temperature: -40° to 185°F (-40 to 85°C)

NOTE: Order model 42270 or 42260 (Datalogger Module only) as a replacement unit or as an addition to the kit. The datalogger by itself cannot function without the software and docking station.

Applications:
• Clean rooms
• Freezer
• Shipping crates
• Storage areas
• Refrigerator
• Shipping vans
• Cargo vessels
• Warehouses

Specifications:

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<th>Specifications</th>
<th>Ranges</th>
<th>Resolution</th>
<th>Basic Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td>-40°F to 185°F</td>
<td>0.1°F</td>
<td>±1°F (-4 to 122°F), ±2°F (-40 to -4°F, 122 to 185°F), ±0.6°C (-20 to 50°C, ±1.2°C (-40 to 20°C, 51 to 85°C)</td>
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<tr>
<td></td>
<td>-40°C to 85°C</td>
<td></td>
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</tr>
<tr>
<td>Humidity (42270/75)</td>
<td>0 to 100% RH</td>
<td>0.1%</td>
<td>±3% RH</td>
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<tr>
<td>Datalogging Interval</td>
<td>1 sec to 2 hours</td>
<td></td>
<td></td>
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<tr>
<td>Memory</td>
<td>Temperature: 8000 points, Relative Humidity: 8000 points</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>42260 or 42270: 3 x 2.3 x 0.88” (76 x 57.2 x 22.3mm)</td>
<td></td>
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<tr>
<td></td>
<td>42265 or 42275: 4.9 x 3.8 x 2” (123.8 x 95.3 x 51mm)</td>
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<tr>
<td>Weight</td>
<td>42260 or 42270: 2.6oz. (72.6g), 42265 or 42275: 9oz (254g)</td>
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</tbody>
</table>

Ordering Information:

42275 .......Temperature/Humidity Datalogger Kit with PC Interface
42270 .......Temperature/Humidity Datalogger for 42275
42265 .......Temperature Datalogger Kit with PC Interface
42260 .......Temperature Datalogger for 42265
42299 .......Replacement 3.6V Lithium batteries (2pk)
USB100 .......RS-232 to USB Adaptor

www.extech.com

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