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- ☑ Recorders, Controllers & Process Monitors
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- ☑ Displacement Transducers
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- ☑ Communications-Based Acquisition Systems
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ENVIRONMENTAL

MONITORING AND CONTROL

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OM-EL-ENVIROPAD-TC Thermometer With Built-in Data Logging and Graphing

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START HERE

Windows™ XP/ Vista/ 7 Configuration Software Installation

Thank you for purchasing an Omega OM-EL-ENVIROPAD-TC logging pad. This device takes and records temperature readings via an attached thermocouple, supplied with the product. Other off-the-shelf probes can also be used if required. This quick start guide provides basic information to help you use your new product.

Getting Started

The device will arrive partly charged but ideally you should charge it for 24 hours before use for optimum performance.


To Start/ To Turn On

To turn on simply press the button situated below the screen. To turn off, press and hold the button.

Connecting The Thermocouple

There is a thermocouple connector port at the top of the OM-EL-ENVIROPAD-TC logging pad. Insert the thermocouple into this port.



The device is configured to a K type probe. If you wish to use a J, N or T type probe select the  Settings button and choose the correct probe type.

Transfer Data onto a PC

Connect the OM-EL-ENVIROPAD-TC logging pad to the PC via the USB cable provided.

The PC will detect that the device has been connected. Locate the files from the OM-EL-ENVIROPAD-TC drive you wish to download and copy them to your PC. Files can be opened in Excel® for further analysis.




Recharging

The cable provided with the device is used for data transfer and recharging. The OM-EL-ENVIROPAD-TC logging pad will automatically start recharging once it is connected to a PC or USB mains adapter.


Spot Check Measurement



Select the  button to record and save temperature readings as and when required.


Data Logging



Select the  button to record and save temperature readings at set intervals. Full Set-Up includes selecting sample rate, setting alarms and when you want the device to start recording data Quick Set-Up takes you straight to recording data.


Viewing Previous Data



Select the  button to view previously saved data and choose the required file. Data can be viewed in a graphical or table format.

Settings



Select the  button to set temperature units, time, date and probe type.



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