

Product Quick Reference Card

Device Maintenance

Battery Replacement

Materials:
ER14250 Replacement Battery

Procedure:

-Unscrew the larger (probe) endcap from the logger

-Grasp the circuit board firmly on either side of the battery holder with one hand and pull the battery out of the holder with the other

-Install the new battery as shown by the diagram on the bottom of the holder (+ terminal pointing towards the communications jack)

Battery Warning

WARNING: FIRE, EXPLOSION, AND SEVERE BURN HAZARD. DO NOT SHORT CIRCUIT, CHARGE, FORCE OVER DISCHARGE, DISASSEMBLE, CRUSH, PENETRATE OR INCINERATE. BATTERY MAY LEAK OR EXPLODE IF HEATED ABOVE 125°C.

Recalibration

The OT1000 standard calibration is two point calibration at 30°C and 135°C.

Pricing:

Recalibration traceable to NIST \$60.00
Recalibration \$40.00

Additional:

As Found Data \$15.00
Additional Points \$15.00 per point

To send the devices back, visit www.madgetech.com, select Services then RMA Process.



Part Number	OT1000
Temperature Sensor	100Ω platinum RTD
RTD Measurement Range	-50 to +200°C
Temperature Resolution	0.01°C
Calibrated Accuracy	±0.1°C (-10 to +150°C)
Memory	21,845
Sample Rate	30 seconds up to 12 hours
Required Interface Package	IFC200 or IFC110
Baud Rate	57,600
Typical Battery Life	1 year (at a 1 minute reading rate)
Operating Environment	-30 to +100°C, 0 to 100%RH
Submersible	Yes (IP67)
Material	Body: Tecaform Probe: 304 stainless steel
Dimensions	Body: 8" x 1.75" dia. (203mm x 44mm dia.) Hook ID: 0.5" (13mm) Probe: 4" x 0.13" dia. (101mm x 3mm dia.)
Approvals	-

Specifications subject to change.

See MadgeTech's terms and conditions at www.madgetech.com

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Product Information Card

OT1000



OT1000

Meat Temperature Recorder with External Probe



To view the full MadgeTech product line, visit our website at www.madgetech.com.

Product Notes

Submergibility

The OT1000 is fully submergible (IP67) making it ideal for use in wash down environments.

Device Operation

Starting the data logger

- Click **Device Menu** then **Start Device**.
- Choose the desired start method.
- Choose the start parameters by selecting a **Reading Rate** suitable for your application.
- Enter in any other desired parameters and click **Start**.
- A box will appear stating the data logger has been started. Click **OK**.



- Disconnect the data logger from the interface cable and place it in the environment to measure.

Note: The device will stop recording data when the end of memory is reached or the device is stopped. At this point the device cannot be restarted until it has been re-armed by the computer.

Downloading data from a data logger

- Connect the data logger to the interface cable.
- Click the **Device Menu** then **Read Device Data**. This will offload all recorded data onto the PC.

Installation Guide

Installing the Interface cable

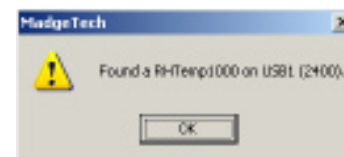
- IFC200, IFC202 or IFC300
Refer to the "Quick Start Guide" included in the package.
- IFC110, IFC102 or IFC103
Plug the serial cable into the port and verify it is secure.
- USB-1 or USB-101
Install the USB drivers from the CD provided in the kit, than plug the USB cable into the computer and the serial cable into the serial port.

Installing the software

Insert the Software CD in the CD-ROM Drive. If the autorun does not appear, locate the drive on the computer and double click on **Autorun.exe**. Follow the instructions provided in the Wizard.

Connecting the data logger

- Once the software is installed and running, plug the interface cable into the data logger.
- Click the **Communication Menu**, then **Auto Configure Port**.
- After a moment, a box similar to the following will appear;



- Click **OK**. The **Device Status** box will appear. Click **OK**.
- At this point, communications have been configured for your logger. These settings can be found under the **Communication Menu**.

Note: For additional installation instructions refer to your "Data Logger & Software Operating Manual".

Technical Support

Visit www.madgetech.com, or call (603) 456-2011. Technical support is also available by e-mailing support@madgetech.com

Additional product information is available by e-mailing info@madgetech.com.