

Device Maintenance

Battery Replacement

Materials:
3/32 HEX Driver (Allen Key)
Replacement Battery (U9VL-J)

- Remove the cover from the device by unscrewing the four screws.
- Remove the battery from its compartment and unsnap it from the connector.
- Snap the new battery into the terminals and verify it is secure.
- Replace the cover taking care not to pinch the wires. Screw the enclosure back together securely.

Note: Be sure not to over tighten the screws or strip the threads.

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 60°C (140°F).

Recalibration

The TCTemp2000 standard calibration is one point at 25°C for the internal channel and 0mV for the thermocouple channel.

Pricing:

Recalibration traceable to NIST \$60.00
Recalibration \$40.00

Additional:

As Found Data \$15.00
Additional Points \$15.00 per point
Channel (1st) \$30.00 at 25°C
\$45.00 at custom point
Additional Channels \$3.00 at 25°C
\$4.50 at custom point

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

TCTemp2000

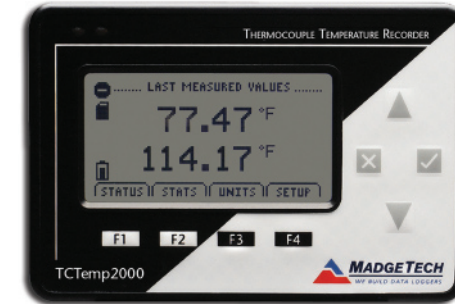
Part Number	TCTemp2000
Temperature Sensor	Semiconductor
Temperature Range	-20 to +60°C
Temperature Resolution	0.1°C
Remote Channel Temperature Sensor Range, Resolution & Accuracy	*See Table for Details
Cold Jct. Compensation	Automatic
Memory	131,071/channel
Sample Rate	2 second up to 24 hours
Channels	1 Internal & 1 Remote
Required Interface Package	IFC110 or IFC200
Baud Rate	115,200
Typical Battery Life	1 year with display off, 30 days with continuous LCD and no backlight
Operating Environment	-20 to +60°C 0 to 95%RH
Material	Black Anodized Aluminum
Dimensions	4.8" x 3.3" x 1.25" (122mm x 84mm x 32mm)
Approval	CE

* Remote Channel Range, Resolution & Accuracy

Thermocouple	Range (°C)	Resolution	Accuracy
J	-210 to +760	0.1°C	+0.5°C
K	-260 to +1370	0.1°C	+0.5°C
T	-260 to +400	0.1°C	+0.5°C
E	-260 to +980	0.1°C	+0.5°C
R	-50 to +1760	0.5°C	+2.0°C
S	-50 to +1760	0.5°C	+2.0°C
B	+60 to +1820	0.5°C	+2.0°C
N	-260 to +1300	0.1°C	+0.5°C

Specifications subject to change.

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



TCTemp2000

Thermocouple Temperature Recorder with LCD Display

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