

4-Channel Temperature Thermocouple Input Datalogger



E

£401
Basic Unit



- ✓ 4 Thermocouple Channels and 1 Ambient Channel
- ✓ Real Time Operation

- ✓ USB or RS232 Interface
- ✓ Automatic Cold Junction Compensation and Linearisation

The OM-CP-QUADTEMP is a 4-channel, battery powered, stand-alone, thermocouple based temperature datalogger. This all-in-one compact, portable, easy to use device will measure and record up to 122,000 temperature measurements (24,575 readings per channel). The OM-CP-QUADTEMP is a major leap forward in both size and performance. Its real time clock ensures that all data is time and date stamped. The storage medium is nonvolatile solid state memory, providing maximum data security even if the battery becomes discharged. Its small size allows it to fit almost anywhere. Data retrieval is simple. Plug it into an available COM or USB port and the easy to use Windows 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 also be exported to a text or Microsoft Excel file.



Plug in up to 4 probes

Specifications
INTERNAL CHANNEL TEMPERATURE SENSOR
Calibrated Accuracy: ±0.5°C 0 to +50°C
Temperature Resolution: 0.1°C
Temperature Range: -40 to 80°C
External Thermocouple Channel Accuracy*: (uniform 20°C internal temperature)
J, K, T, E: ±0.5°C; **R, S, B, N:** ±2.5°C
Calibrated Accuracy*: ±0.5°C

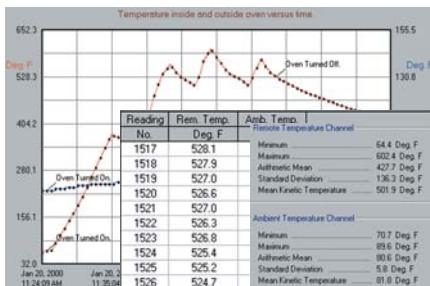
Temperature Resolution: 0.1°C for Types J,K,T,E; 0.5°C for Types R,S,B
Thermocouple Connection: Female subminiature connectors
Thermocouple Range Type:
J: -210 to 760°C;
K: -270 to 1370°C;
T: -270 to 400°C;
E: -270 to 980°C;
R: -50 to 1760°C;
S: -50 to 1760°C;
B: 50 to 1820°C;
N: -270 to 1300°C
GENERAL SPECIFICATIONS
Temperature Calibration: Digital calibration is available through software
Recording Interval: 12/minute to 1/day selectable in software

Start Time: Start time and date are programmable through software
Real Time Recording: Device may be used with PC to monitor and record data in real time
Power: 9 V lithium battery included
Battery Life: 1 year typical
Time Accuracy: ±1 minute/month when RS-232C port is not in use
Data Format: Date and time stamped, °C, °F, °K, °R
Weight: 370 g
Computer Interface: PC serial, USB or RS-232C COM
Software: Windows 95/98/NT/2000/XP
Operating Environment: -40 to 80°C
 5 to 95% RH non-condensing
Dimensions: 81 H x 115 W x 28 mm D
Material: Black anodised aluminium

AVAILABLE FOR FAST DELIVERY!

KTSS-HH-IEC probe sold separately, £19.50.

*Accuracy does not include errors due to thermocouple



OM-CP-IFC200, £80, Windows software displays data in graphical or tabular format

To Order (Specify Model Number)

Model No.	Price	Description
OM-CP-QUADTEMP	£401	4-channel temperature datalogger
OM-CP-QUADTEMP-CERT	442	4-channel temperature datalogger with calibration certificate
OM-CP-IFC110	66	Windows software and 1.2 m RS-232 cable with DB9F termination
OM-CP-IFC200	80	Windows software and 3.7 m USB interface cable
OMP-CP-BAT103	13.50	Replacement 9 V lithium battery

Operator's manual and RS-232 or USB cable are included with the OM-CP-IFC110 or OM-CP-IFC200 Windows software respectively. (software is required to operate the datalogger).

Ordering Example: OM-CP-QUADTEMP-CERT 4-channel temperature datalogger with calibration certificate and OM-CP-IFC200 Windows software and USB cable, £442 + 80 = £522.



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