



8 Channel Handheld Thermocouple Thermometer/Data Logger

Part: OM-HL-EH-TC

- Support 8 Types Thermocouple: K, J, E, T, R, S, N, B
- Each Channel Store Up to 8,6000 Data Points
- NIST Traceable Calibration Report Available
- Large LCD Display 8 Channels, Switchable °C or °F
- Real Time Data Monitoring and Tracking Capability
- Download Data Through the USB Interface
- Sampling Rate 1 Sec & Logging Cycle From 2 Seconds to 24 Hour
- Professional OM-HL Logpro Software for Data Logging, Monitoring and Analysis

Description

The portable OM-HL-EH-TC logger is an eight-channel handheld thermometer/data logger with a large LCD display, which can take all 8 types of thermocouple inputs. This user friendly data logger is powered by an internal battery and capable of sampling, processing and displaying measurements without being connected to a computer.

With the high resolution and fast analog to digital converter (ADC), the OM-HL-EH-TC logger meet majority of data logging requirements in most industrial applications, 86000 data points each channel, real-time data monitoring & recording, sampling time 1 sec with all 8 channels on, logging interval sets from 2 secs to 24 hrs comes standard.

By using the professional OM-HL Logpro software, this data logger can save the 8-channels temperature measuring data, along with the time information (year, month, date, minute, second) into the computer and can download to Excel, PDF, and JPG formats. The end user can easily make any data or graphic analysis if needed.

Specifications

Battery: DC 9V battery

Usage Type: Handheld or Desktop

Product Features: Professional OM-HL analysis software is simple to use, data multiple protection, professional cold chain compensation, automatic detection of break-even

Display: LCD Double Row Display

Keys: On/Off button, screen light control, °C/°F switching, LOG, TYPE, HOLD MAX, and MIN

Measurement Range: -200 to 1370°C (-328 to 2498°F)

Accuracy: $\pm 0.8^{\circ}\text{C}$ $\pm 0.2\%$ Reading

Memory Capacity: 86000 readings each channel

Sampling Rate: 1 sec

Logging Interval: 2 secs to 24 hours

Battery Life: 4 months (60s sampling 300s Logging as Standard)

Sensors: Support eight types of thermocouple sensor K, J, E, T, R, S, N, B

Work Environment: 0 to 80% RH/ 0 to 50°C

LCD Size: 68 x 35 mm (2.67 x 1.37")

Dimensions: 162 x 95 x 35 mm (6.37 x 3.74 x 1.37")

Packing Size: 202 x 165 x 58 mm (7.95 x 6.49 x 2.28")

Weight: 290 g (10.2 oz)

Resolution: 0.1°C

Compatible OS: WINXP, WIN7/8/10

Connection: USB

Number of Temperature Channels: 8

Certifications: CE, ROHS, NIST Calibration Report (Optional)