

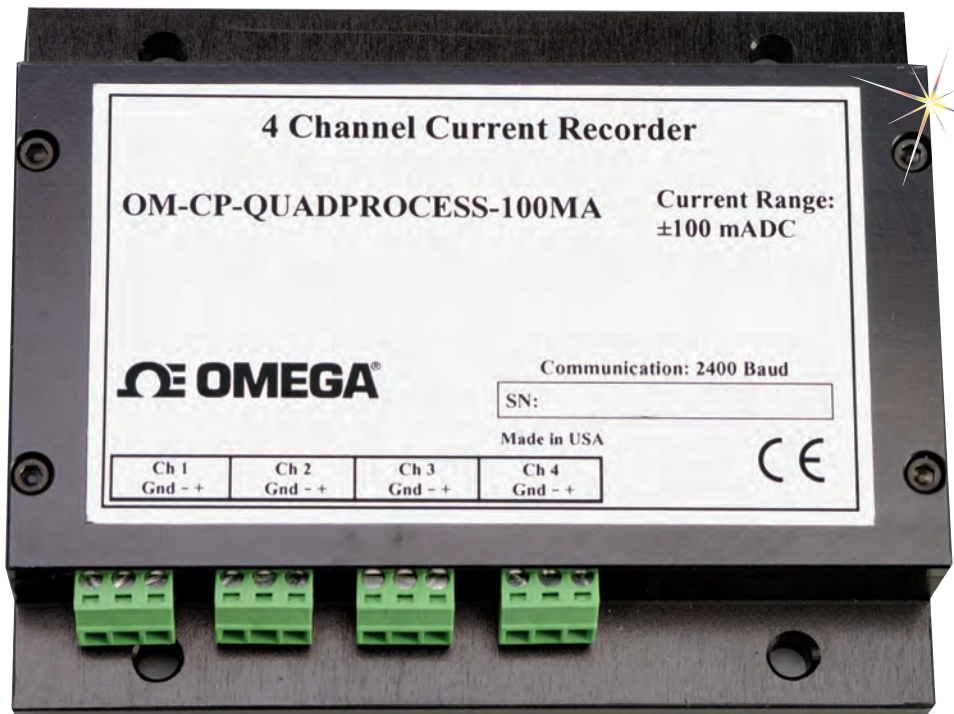
OM-CP-QUADPROCESS 4-Channel Current Data Logger

Part of the NOMAD® Family

Starts at
\$599



- ✓ 16-Bit Resolution
- ✓ Programmable Engineering Units, Scale Factor, and Offset Value
- ✓ Memory Wraparound
- ✓ Miniature Size
- ✓ User Calibration Through Software
- ✓ Real-Time Operation



OM-CP-QUADPROCESS-100MA, \$599, shown smaller than actual size

The OM-CP-QUADPROCESS is a 4-channel, battery-powered, standalone current data logger. The OM-CP-QUADPROCESS lets the user store predefined units in the device, as well as scale factors and offset values. This allows easy, automatic linearization and scaling of any process meter that provides an analog output to process units. This portable, easy-to-use device will read and record up to 32,767 current measurements per channel.

The OM-CP-QUADPROCESS represents a major leap in both size and performance. Its small size allows it to fit almost anywhere. Its real-time clock ensures that all data is time and date stamped. The storage medium is non-volatile solid state memory, providing maximum data security, even if the battery becomes discharged.

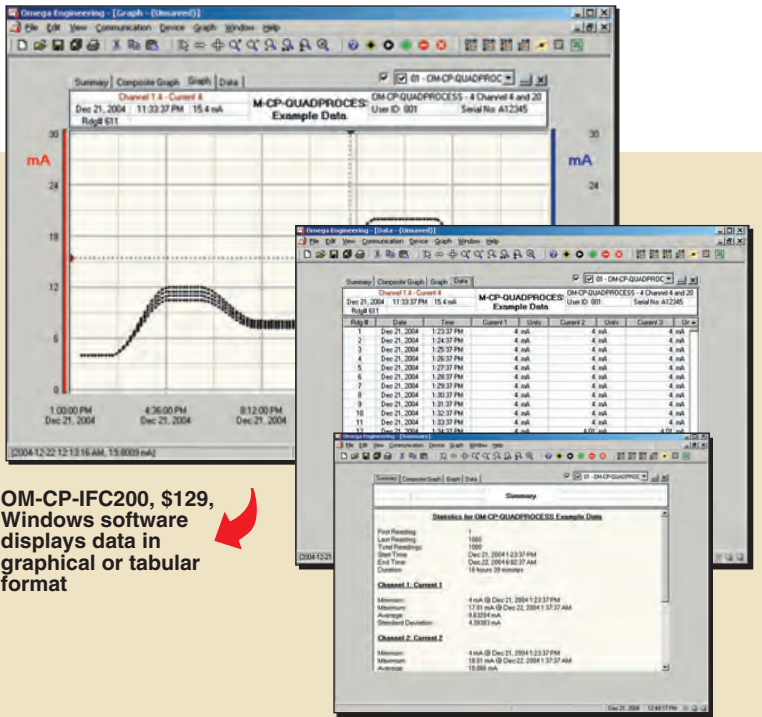
Data retrieval is simple. Plug the logger into an available COM port and our easy-to-use software does the rest.

The software converts a PC into a real-time strip chart recorder. Data can be printed in graphical or tabular format. It can also be exported to a text or Microsoft Excel file.

Specifications

Input Channels:
4 non-isolated inputs
Memory: 32,767 readings/channel
Input Connection: Screw terminal
Analog Conversion Time: 133 ms
Frequency Rejection: 60 Hz
ADC Resolution: 16 bits
Current Calibration: Digital calibration available in software
Calibration Date: Automatically recorded within device to alert user when calibration is required
Recording Interval: 1 second to 12 hours selectable with software
Start Time: Start time and date are programmable through software
Memory Wraparound: Selectable in software

Real-Time Recording: Device can be used with PC to monitor and record data in real time
Time Accuracy: ±1 minute per month at 20°C
Power: 9 V alkaline battery (included); 120 Vac power optional
Battery Life: 1 year typical
Time Accuracy: ±1 minute per month at 20°C
Data Format: Date and time stamped in µA, mA, A and other engineering units programmable through software
Weight: 370 g (13 oz)
Computer Interface: PC serial, RS-232C COM or USB
Software: XP SP3/Vista and 7 (32-bit and 64-bit)
Operating Environment: -40 to 60°C (-40 to 140°F)
0 to 95% RH non-condensing
Dimensions:
26 H x 111 W x 89 mm D
(1.0 x 4.4 x 3.5")
Material: Black anodized aluminum



OM-CP-IFC200, \$129, Windows software displays data in graphical or tabular format



OM-CP-QUADPROCESS-100MA, \$599, shown smaller than actual size

INPUT RANGES	OM-CP-QUADPROCESS-1MA	OM-CP-QUADPROCESS-25MA	OM-CP-QUADPROCESS-100MA
Nominal Range	±1 mA	±25 mA	±100 mA
Measurement Range	±1.5 mA	±30 mA	±120 mA
Resolution	0.05 µA	1 µA	5 µA
Calibrated Accuracy	±0.5% FSR	±0.1% FSR	±0.1% FSR
Input Impedance	50 Ω	10 Ω	2 Ω
Overload Protection	±20 mA	±100 mA	±125 mA

Specified accuracy range: nominal range @ 25°C

ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Price	Description
OM-CP-QUADPROCESS-1MA	\$599	4-channel current data logger, ±1 mA range
OM-CP-QUADPROCESS-1MA-CERT	659	4-channel current data logger, ±1 mA range with NIST calibration certificate
OM-CP-QUADPROCESS-25MA	599	4-channel current data logger, ±25 mA range
OM-CP-QUADPROCESS-25MA-CERT	659	4-channel current data logger, ±25 mA range with NIST calibration certificate
OM-CP-QUADPROCESS-100MA	599	4-channel current data logger, ±100 mA range
OM-CP-QUADPROCESS-100MA-CERT	659	4-channel current data logger, ±100 mA range with NIST calibration certificate
OM-CP-IFC200	129	Windows software and 3.7 m (12') USB interface cable
OM-CP-BAT103	25	Replacement 9 V alkaline battery
OM-CP-CONNECTOR-3	6	Replacement 3 position terminal block connector

Operator's manual and USB interface cable are included with the **OM-CP-IFC200** Windows software (required to operate the data logger and sold separately). To order data loggers with optional 120 Vac power, add suffix "-AC" to model number and add \$100 to price.

Ordering Example: OM-CP-QUADPROCESS-25MA-CERT 4-channel current data logger with NIST calibration certificate and **OM-CP-IFC200** Windows software with USB interface cable, \$659 + 129 = **\$788**.



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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

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• Data Acquisition

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters