

Multifunction Service Logger Reads, Measures and Records Temperature, Humidity, Dew Point, Pressure and Events Model OM-60

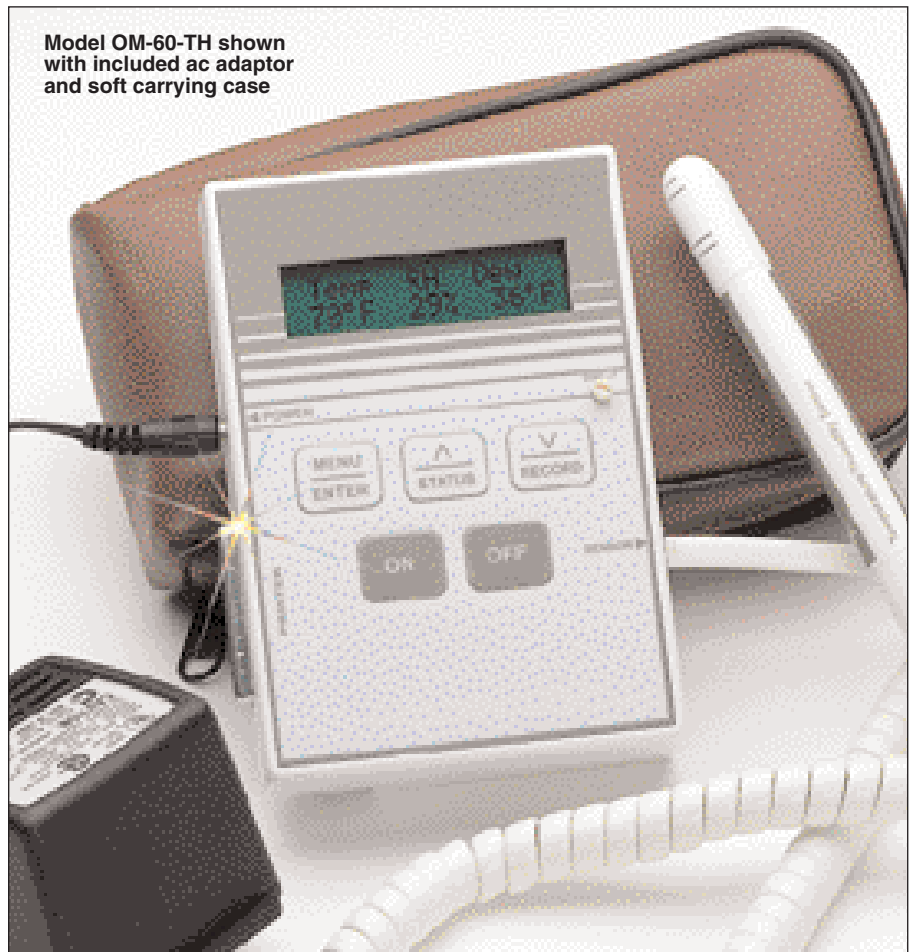


OM-60
\$259
Basic Unit

- ✓ Records Data Up to 40 Days
- ✓ Connects to PC Parallel Port or to a Printer
- ✓ Displays Data Instantly
- ✓ Interchangeable Accessory Sensors to Fit Every Application
- ✓ Alphanumeric Backlit Display

Imagine that you are a service engineer going to a job site. You take the typical tools needed for work on the job—a voltmeter, ammeter, etc. However, when you get to the site, you find that you really need to measure temperature and humidity, or two temperatures or pressures simultaneously. With Omega's new dual channel service logger in hand, all you need to do is attach a corresponding adaptor to measure temperature, humidity, dew point, pressure, event, or even two temperatures or two pressures at the same time, all with one instrument. There are two ways to order the service logger: (1) as a kit that includes the base service logger combined with a particular measurement adaptor, or (2) separately, i.e., order the base logger plus any measurement adaptors you like. Either way keep in mind that all measurement adaptors are interchangeable on the base service logger—the service logger automatically recognizes and controls whichever measurement adaptor is attached.

Read your data instantly on the service logger—the backlit alphanumeric display allows the user to review the data under marginal lighting conditions and provides detailed information on selected options and instrument operations.



Model OM-60-TH shown with included ac adaptor and soft carrying case

You could also take a portable printer with you to print and analyze the information right then and there.

If the situation calls for long term information gathering—just leave the unit at the site for up to 40 days, collect over 4000 measurements on each channel, and store the information in its 16K of internal memory for analyzing later. A Windows software package is included to transfer recorded data from the service logger to a computer. However, use of a computer is not necessary to analyze recorded data. Just connect the service logger directly to a regular printer and output the stored information.

Specifications

OM-60 SERVICE LOGGER

Recording Time: Up to 40 days

Power: Via supplied 115 Vac, 50/60 Hz ac adaptor (220 Vac adaptor also available)

Battery Backup: 9 V alkaline for 24 hrs of operation

Operating Temperature: 0 to 65°C (32 to 150°F)

Memory: 16K non-volatile memory

Display: Alphanumeric backlit LCD display, 16 characters x 2 lines

Printer/Computer Interface: DB25F connection on logger

Dimensions:

130 mmH x 89 mmW x 38 mmD (5 1/8 x 3 1/2 x 1 1/2")

Weight: 284 g (10 oz)

OM-60-MOD-TH TEMPERATURE/HUMIDITY SENSOR



Probe Type: Complete temperature/RH probe, plastic housing, 4" long, 1/2" dia, with coiled connecting cable to logger

Temperature Sensor: Solid state IC

Humidity Sensor: Capacitive polymer

Temperature Range: -40 to 55°C (-40 to 130°F)

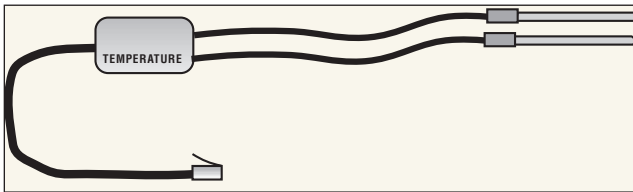
Temperature Accuracy: ±1°C (±2°F)

Humidity Range: 0 to 100% at 0 to 55°C (32 to 130°F)

Humidity Accuracy: ±2 %

Dew Point Range: 0 to 55°C (32 to 130°F)

OM-60-MOD-TT DUAL TEMPERATURE ADAPTOR



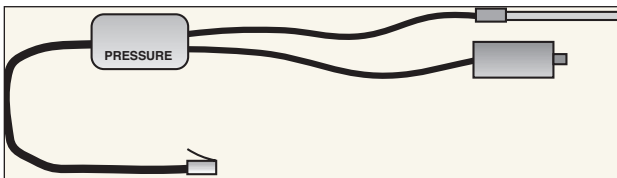
Adaptor Type: Complete with two precision temperature sensors and connecting cable to logger

Temperature Sensor: Solid state IC sensor; temperature probe is 4" long, 7/32" dia, stainless steel submersible type

Temperature Range: -40 to 75°C (-40 to 170°F)

Temperature Accuracy: ±1°C (±2 °F)

OM-60-MOD-TP TEMPERATURE/PRESSURE ADAPTOR



Adaptor Type: Complete with temperature and pressure sensors and connecting cable to logger

Temperature Sensor: Solid state IC sensor; temperature probe is 4" long, 7/32" dia, stainless steel submersible type

Temperature Range: -40 to 75°C (-40 to 170°F)

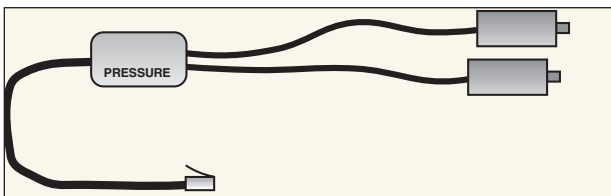
Temperature Accuracy: ±1°C (±2°F)

Pressure Sensor: Stainless steel media compatible sensor, 1/4" NPT

Pressure Range: 0 to 500 psi (0 to 35 bar)

Pressure Accuracy: ±1% fs

OM-60-MOD-PP DUAL PRESSURE ADAPTOR



Adaptor Type: Complete with two pressure sensors and connecting cable to logger

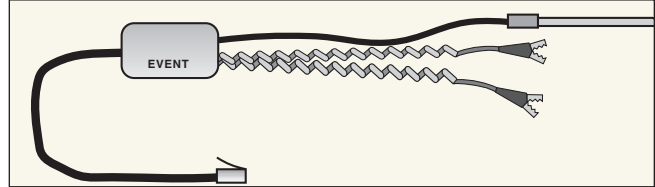
Pressure Sensor: Stainless steel media compatible sensor, 1/4" NPT

Pressure Range:

0 to 500 psi (0 to 35 bar)

Pressure Accuracy: ±1% fs

OM-60-MOD-TE TEMPERATURE/EVENT ADAPTOR



Adaptor Type: Complete with precision temperature sensor and event probe and connecting cable to logger

Temperature Sensor: Solid state IC sensor; temperature probe is 4" long, 7/32" dia, stainless steel submersible type

Temperature Range: -40 to 170°F (-40 to 75°C)

Temperature Accuracy: ±2°F (±1°C)

Event Probe: ac/dc voltage detecting probe with two wire clip leads

Voltage Range: 24 Vac to 270 Vac, 24 Vdc to 180 Vdc

To Order (Specify Model Number)

Model No.	Price	Description
Service Logger Combined with One Measurement Adaptor		
OM-60-TH	\$395	Service logger with one combination temperature/humidity sensor
OM-60-TT	395	Service logger with dual temperature adaptor
OM-60-TP	541	Service logger with temperature/pressure adaptor
OM-60-PP	719	Service logger with dual pressure adaptor
OM-60-TE	395	Service logger with temperature/event adaptor
Service Logger and Measurement Adaptors Separately		
OM-60	\$259	Service logger only (order measurement adaptors below separately)
OM-60-MOD-TH	146	Combination temperature/humidity sensor
OM-60-MOD-TT	146	Dual temperature adaptor
OM-60-MOD-TP	246	Temperature/pressure adaptor
OM-60-MOD-PP	463	Dual pressure adaptor
OM-60-MOD-TE	146	Temperature/event adaptor

All service loggers are supplied complete with WIN 3.1x/95/98 data acquisition software, 115 Vac 50/60 Hz ac adaptor, soft carrying case for service logger and complete operator's manual. To order service loggers with 220 Vac adaptor, add suffix "-220 V" to logger model number, no additional charge.

Accessories

Model No.	Price	Description
OM-CC6	\$10	PC parallel port cable, 6' long, DB25M termination
OM-PC6	10	Printer cable, 6' long

Ordering Example: OM-60-TH Service logger with combination temperature/humidity sensor plus OM-CC6 PC parallel port cable, and OMEGACARE™ 1-year extended warranty for the OM-60-TH (adds 1 year to standard 1-year warranty) \$395 + 10 + 36 = \$441.



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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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• Pressure, Strain and Force

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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