



Multifunction Service Logger

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

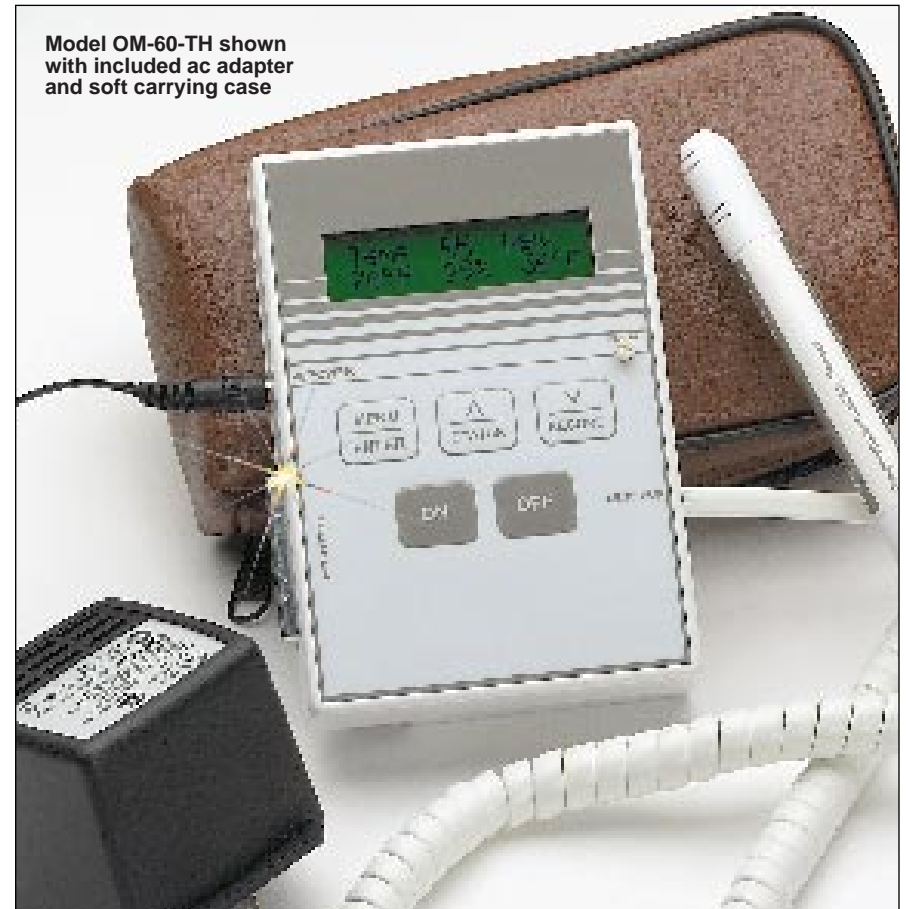
OM-60
\$280

Basic Unit

- ✓ Records Data Up to 40 Days
- ✓ Prints Data Without a Computer
- ✓ 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 adapter 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 adapter, or (2) separately, i.e., order the base logger plus any measurement adapters you like. Either way keep in mind that all measurement adapters are interchangeable on the base service logger—the service logger automatically recognizes and controls whichever measurement adapter 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. You could also take a



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

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 computer 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 adapter (220 Vac adapter also available)

Battery Backup: 9V alkaline for 24 hrs of operation

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

Memory: 16K non-volatile memory

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

Printer/Computer Interface: DB25F connection on logger

Dimensions: 5 1/8" H x 3 1/2" W x 1 1/2" D (130 x 89 x 38 mm)

Weight: 10 oz (284 g)



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 170°F (-40 to 75°C)

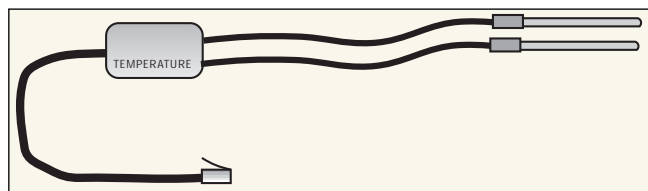
Temperature Accuracy: ±2°F (±1°C)

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

Humidity Accuracy: ±2 %

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

OM-60-MOD-TT DUAL TEMPERATURE ADAPTER



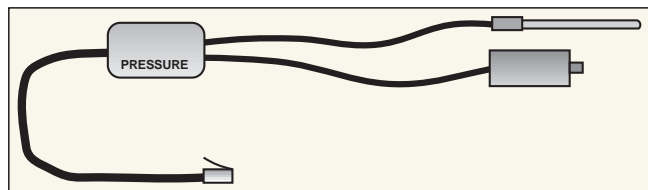
Adapter Type: Complete with two precision temperature sensors and connecting cable to logger

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

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

Temperature Accuracy: ±2 °F (±1°C)

OM-60-MOD-TP TEMPERATURE/PRESSURE ADAPTER



Adapter 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 170°F (-40 to 75°C)

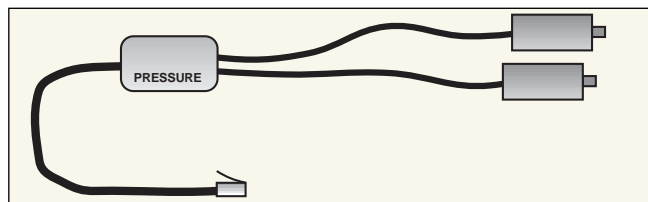
Temperature Accuracy: ±2°F (±1°C)

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 ADAPTER



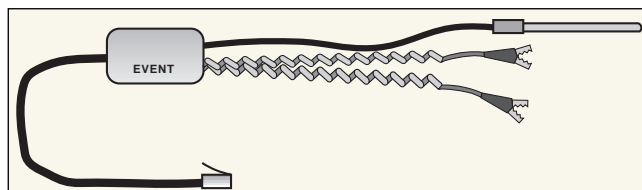
Adapter Type: Complete with two pressure sensors and connecting cable to logger

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 ADAPTER



Adapter 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 No.)

Model No.	Price	Description
Service Logger Combined with One Measurement Adapter		
OM-60-TH	\$425	Service logger with one combination temperature/humidity sensor
OM-60-TT	425	Service logger with dual temperature adapter
OM-60-TP	535	Service logger with temperature/pressure adapter
OM-60-PP	750	Service logger with dual pressure adapter
OM-60-TE	425	Service logger with temperature/event adapter
Service Logger and Measurement Adapters Separately		
OM-60	\$280	Service logger only (order measurement adapters below separately)
OM-60-MOD-TH	145	Combination temperature/humidity sensor
OM-60-MOD-TT	145	Dual temperature adapter
OM-60-MOD-TP	245	Temperature/pressure adapter
OM-60-MOD-PP	460	Dual pressure adapter
OM-60-MOD-TE	145	Temperature/event adapter

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

Accessories

Model No.	Price	Description
OM-CC6	\$10	Parallel port cable to PC, 6' long, DB25M termination for IBM pc's
OM-PC6	10	Parallel port cable to printer, 6' long

Ordering Example: OM-60-TH Service logger with combination temperature/humidity sensor plus OM-CC6 IBM pc parallel port cable, \$425 + 10 = \$435.