

Compact DMM/AC Clamp Meter/Digital Thermometer

HHM61



- ✓ Measures: Current to 400 A ac;
Voltage to 750 Vac, 400 Vdc;
Resistance to 400 Ω
- ✓ Reads Type K Thermocouple Directly
- ✓ Diode Test Function
- ✓ Peak Hold Feature
- ✓ Recessed Safety Test Lead Input Jacks

The HHM61 combination DMM/ac current clamp meter/digital thermometer is a compact, lightweight, multi-function test and measurement instrument at an economical price. The HHM61 is ideal for electrician's and technicians who need a portable test instrument that is both accurate and reliable. The integral ac clamp meter function makes this meter ideal for troubleshooting the operation of electric resistance heaters and other plant electrical systems.

Specifications

General

Display: 3½ digit LCD, max reading 3999, with automatic sign, AC, BAT, and peak hold indicators

Overrange Indication: "OL" displayed

Low Battery: "BAT" displayed

Measurement Rate: 3 measurements per second, nominal

Operating Temperature: 0 to 50°C (32 to 122°F), 0 to 70% RH

Storage Temperature: -20 to 60°C (0 to 140°F), 0 to 80% RH with battery removed

Accuracy: Accuracy specifications at 23 ±5°C (73 ±9°F), less than 75% RH

Power: 9 V battery (included)

Battery Life: 100 hours typical (alkaline battery)

Weight: 270 g (9.4 oz) including battery

Dimensions: 33 H x 82 W x 192 mm L (1.3 x 3.2 x 7.5")

AC Current

Ranges: 40 A, 400 A

Resolution: 10 mA (40 A range), 100 mA (400 A range)

Accuracy: ±2.0% rdg + 4 digits at 50 to 60 Hz

Jaw Opening: 3.18 cm (1.25")

AC Voltage

Ranges: 400V, 750V

Resolution: 100 mV (400 V range), 1V (750 V range)

Accuracy: ±1.2% rdg + 4 digits at 50 to 500 Hz (400V range) and ±1.5% rdg + 4 digits at

50 to 500 Hz (750 V range)

Input Impedance: 10 MΩ

Overload Protection: 1200 Vdc/800 Vac on both ranges

DC Voltage

Ranges: 4V, 40V, 400V

Resolution: 1 mV (4V range), 10 mV (40V range), 100 mV (400V range)

Accuracy: ±0.5% rdg + 1 digit

Input Impedance: 10 MΩ

Overload Protection: 1200 Vdc/800 Vac on all ranges

Resistance

Range: 400 Ω

Resolution: 0.1 Ω

Accuracy: ±1% rdg + 1 digit

Overload Protection: 500 Vdc/350 Vac

HHM61



Test leads included.

Thermocouple Included!

Temperature models include a free 1 m (40") Type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy (1 per channel).

Order a Spare!
Model No. SC-TT-K-30-36

Temperature

Ranges: -50 to 750°C

(-58 to 1400°F)

Resolution: 1°F/C

Accuracy: ±3% rdg

+ 1 digit from -20 to 750°C

(-4 to 1400°F) and ±5% rdg

+ 2 digits from -50 to -20°C (-58 to -4°F)

Diode Test

Test Current: 1 mA

Test Voltage: 3.4V max

Overload Protection: 500 Vdc/350 Vac

Continuity

Response Time: 100 msec (instant continuity buzzer)

Overload Protection: 500 Vdc/350 Vac

To Order Visit omega.com/hhm61 for pricing and Details

Model No.

Description

HHM61

Compact DMM/A AC clamp meter/digital thermometer

Comes with test leads, Type K beaded wire probe, 9V battery, wrist strap, carrying case and operator's manual.

Ordering Example: HHM61, compact DMM.