

# DMM/Thermometer with AC Clamp Feature

HHM59



## Measures

- Current to 1000 A AC
- Voltage to 750 Vac, 1000 Vdc
- Resistance to 2 M $\Omega$

## Direct Temperature Readout for Type K Thermocouple

## 51 mm (2") Jaw Opening

## Peak Hold Feature Captures Current Surges

The HHM59 is a lightweight completely portable digital clamp meter with a 3½ digit LCD display which is readable in all light conditions. The decimal point is automatically positioned, and the polarity indication is standard for negative readings. Overrange and low battery indications are also standard.

## Specifications

### General

**Display:** 3½ digit liquid crystal; 1999 maximum reading

**Overrange Indication:** Blanking of all digits except the MSD, decimal point and polarity sign (if negative)

**Low Battery:** "LO BAT" displayed

**Measurement Rate:** 3 measurements per second, nominal

**Operating Temperature:** 0 to 50°C, 0 to 70% RH

**Storage Temperature:** -20 to 60°C, 0 to 80% RH with battery removed

**Power:** 9V battery (included)

**Battery Life:** 100 hours typical

**Weight:** 0.31 kg (11 oz)

**Dimensions:** 229 H x 69 W x 38 mm D (9 x 2.7 x 1.5")

### DC Voltages

**Range:** 200 mV, 20V, 1000V

**Accuracy:** 0.5% of rdg +1 digit

**Input Impedance:** 10 M $\Omega$

**Overload Protection:** 500 Vdc, 350 Vac (15 sec, 2V range); 1200 Vdc, 850 Vac (all other ranges)

**Resolution:** 100 mV (200 mV range), 10 mV (20V range), 1V (1000V range)

### Resistance

**Ranges:** 200  $\Omega$ , 20 k $\Omega$ , 2 M $\Omega$

**Accuracy:** 200  $\Omega$ , 1% of rdg + 3 digits; 2 k $\Omega$  through 2 M $\Omega$ , 0.8% of rdg + 1 digit



HHM59.



### Free Thermocouple Included!

The HHM59 includes a free 1 m (40") Type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy.

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

**Overload Protection:** 500 Vdc/Vac

**Resolution:** 0.1  $\Omega$  (200  $\Omega$  range), 10  $\Omega$  (20 k $\Omega$  range), 1 k $\Omega$  (2 M $\Omega$  range)

### AC Voltages

**Ranges:** 200V, 750V

**Accuracy:** 1.2% of rdg + 10 digits; 50 to 500 Hz

**Input Impedance:** 10 M $\Omega$

**Overload Protection:** 1200 Vdc, 850 Vac

**Resolution:** 0.1V (200V range)

1V (750V range)

### Temperature

**Ranges:** -40 to 750°C, -40 to 1400°F

**Resolution:** 0.1°C/°F

**Accuracy:** 3% of reading + 1°C, 2°F

### AC Current

**Ranges:** 20 A, 200 A, 1000 A

### Accuracy (50 to 500 Hz):

**20 A:** 3% of rdg + 5 digits

**200 A:** 2% of rdg + 5 digits

**200 A to 800 A:** 2% of rdg + 5 digits

**800 A to 1000 A:** 3% of rdg + 5 digits

**Overload Protection:** 1200 A for 60 seconds

**Jaw Opening:** 5 cm (2")

**Resolution:** 10 mA (20 A range),

100 mA (200 A range), 1 A (1000 A range)

### Instant Continuity

**Response Time:** 100 msec

## To Order

Model No.	Description
HHM59	Digital clamp meter

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

**Ordering Example:** HHM59, digital clamp meter.