

# Clamp Meter / Leakage Current Tester

## 200A AC/DC Amp Clamp Meter

- 3 3/4 Digits 4,000 counts
- High resolution to 10mA AC/DC
- One touch auto zero for DC current measurements
- Voltage, resistance, and frequency
- Fast 40 segment bar graph
- Min/Max, data hold, Auto power off
- Overload protection 600V for  $\Omega$  measurement



DCM-039

<b>DC voltage ranges</b>	0~400V, 0.1V, $\pm 0.1V \pm 1.5\% \pm 2\text{dpts}$
<b>AC voltage ranges</b>	0~400V, 0.1V, $\pm 1.0\% \pm 2\text{dpts}$
<b>DC current ranges</b>	0~40A 10mA $\pm 1.0\% \pm 2\text{dpts}$ 0 to 150A 100mA $\pm 1.0\% \pm 2\text{dpts}$ 150 to 200A 100mA $\pm 2.2\% \pm 2\text{dpts}$
<b>AC current ranges</b>	0~40A 10mA $\pm 1.0\% \pm 3\text{dpts}$ 0 to 150A 100mA $\pm 1.0\% \pm 3\text{dpts}$ 150 to 200A 100mA $\pm 2.2\% \pm 3\text{dpts}$
<b>Resistance ranges</b>	40 to 400 $\Omega$ 0.1 $\Omega$ $\pm 1.0\% \pm 2\text{dpts}$ beep <38 $\Omega$ 600V AC
<b>Frequency ranges</b>	100 to 10k 0.01Hz $\pm 0.5\% \pm 2\text{dpts}$ sensitivity 10V, 600VAC protection
<b>General</b>	
<b>Power requirement</b>	1.5V SUM-3 Battery x2
<b>Dimension</b>	210x64x36 mm (8.3"x2.5"x1.4")
<b>Weight</b>	6.7 oz(190g)
<b>Accessories</b>	Test leads, Soft carrying case, battery, owners manual

conductor jaw size : 23mm

## Leakage Current Tester

- For leakage/ground currents measurement
- 3 3/4 Digits, 4000 count LCD display
- High resolution up to 10 $\mu$ A with fast bargraph (20 times/sec)
- Shielded transformer jaw minimizes the effect of stray magnetic fields
- Selectable 50/60Hz filter circuit to eliminate high frequency noise and harmonics
- Max/Min, data hold functions, and relative measurement
- Continuity measurements.
- 600V overload protection for  $\Omega$  measurement
- Five ranges (40mA, 400mA, 4A, 40A, 60A) 30mm( 1.2") Jaw diameter



DCM-040

AC Current: Accuracy specified at 25°C

Range	Resolution	50/60 Hz (40 - 1KHz)	Wide
0-40mA	10 $\mu$ A	$\pm 1.0\% \pm 3\text{dpts}$	$\pm 2.0\% \pm 5\text{dpts}$
0-400mA	100 $\mu$ A	$\pm 1.0\% \pm 3\text{dpts}$	$\pm 2.0\% \pm 5\text{dpts}$
0-4A	1mA	$\pm 1.0\% \pm 3\text{dpts}$	$\pm 2.0\% \pm 5\text{dpts}$
0-40A	10mA	$\pm 1.0\% \pm 3\text{dpts}$	$\pm 2.0\% \pm 5\text{dpts}$
0-60A(0-50A)	100mA	$\pm 1.5\% \pm 3\text{dpts}$	$\pm 3.0\% \pm 5\text{dpts}$
60A(50 - 60A) *	100mA	$\pm 3.0\% \pm 5\text{dpts}$	$\pm 3.5\% \pm 5\text{dpts}$

\* Displays over 60A are possible but the accuracy of such measurements is not specified

AC Voltage:(input impedance: 10M $\Omega$ )

Range	Resolution	50/60 Hz (40 - 1KHz)	Overload protection
400V	0.1V	$\pm 1.5\% \pm 2\text{dpts}$	$\pm 2.0\% \pm 4\text{dpts}$ AC 800V

Resistance ( $\Omega$ ) and Continuity: (open voltage 0.4V)

Range	Resolution	Accuracy	Beeping	OL protection
0-400 $\Omega$	0.1 $\Omega$	$\pm 1.0\% \pm 2\text{dpts}$	< 38.0 $\Omega$	AC 600V

<b>General</b>	
<b>Power requirement</b>	1.5V SUM-3 Battery x3
<b>Dimension</b>	210x64x36 mm (8.3"x2.5"x1.4")
<b>Weight</b>	6.7 oz(190g)
<b>Accessories</b>	Test leads, Soft carrying case, battery, owners manual

conductor jaw size : 30mm