



DIGITAL AMP CLAMP/METER

THE ULTIMATE PORTABLE MULTI-METER

This handy multimeter can be used in a variety of applications. It measures both AC and DC voltages to 400 V, AC and DC current to 200 A, and resistance and continuity upon voltage read.

HIGHLIGHTS & TECHNOLOGY

- Low Level DC Amp Range for easy detection of excessive parasitic drain
- 200A DC Amp Range to measure system output level for advanced starter diagnosis
- Small Jaw Size
 - For fitting into tight places
 - Makes it easier to get the right cable for accurate measurement
- One Touch Zero Button for simple operation. Sets the current reading to zero to use as a zero reference value for all other measurements or to remove the offset value caused by the residual magnetism
- Hold Button to freeze the reading on the LCD when you can reach your measurement points but can't see the display
- Max/Min Button to display and update either the Max or Min measurement when activated
- Probes make it a useful tool for all pinpoint diagnostics like finding shorts and voltage drop tests
- Rugged Design and Protective Carrying Case for the automotive garage environment
- Can also be used for troubleshooting AC powered equipment and shop circuits

APPLICATIONS





SPECIFICATIONS

Measurement Ranges

- 600V overload protection from Ohm measurement
- Using the Jaw:
 - Measures DC current from 0-40A, 0-200A
 - Measures AC current from 0-40A, 0-200A
- Using the Probes:
 - Measures DC voltage: 400 V, Resolution: 0.1 V
 - Measures AC voltage: 400 V, Resolution: 0.1 V
 - Measures Resistance: 40# Ohm - 400# Ohm
 - Continuity upon voltage: 0.4 V

Display

- 3 3/4" digital LCD with max indication of 3999
- Displays:
 - Function Symbols
 - Units
 - Bar Graph
 - Sign
 - Decimal Point
 - Low Battery Symbols
 - Max/Min

Physical Specifications

- Externals probe set inputs for use in measuring voltage, ohm/continuity, or frequency measurements
- 0.9" (23 mm) diameter jam
- One touch zero button
- Requires 2 AA batteries (not included)
- Includes carrying case, test leads, and manual
- Weight: 1.5 lbs
- Dimensions 10"L x 2"H x 4"W

Warranty

- 1 year limited warranty

TESTING USES

To Test	Use	Position	Measuring
Parasitic Drain	Clamp	40A	DC Current
Starter Draw	Clamp	200A	DC Current
Charging Current	Clamp	200A	DC Current
Battery Voltage	Leads	V	DC Voltage
Charging Voltage Output	Leads	V	DC Voltage
Wiring Voltage Drop	Leads	V	DC Voltage
Diode/Stator Condition	Leads	~V,Hz	AC Voltage, Frequency
ABS Brakes Output	Leads	Hz	Frequency
Wire Continuity	Leads		Resistance
Component Continuity	Leads		Resistance
Circuit Continuity	Leads		Resistance

ORDERING INFORMATION



Model	Description
C040	Ampere Clamp