

## AC/DC CLAMP METERS

- True RMS measurements
- 3-3/4 digit LCD with high-speed, 42-segment bar graph
- Max/Min and Data Hold functions
- Peak Hold function
- Frequency measurement
- Diode and continuity test with beeper
- Polarity and overload indications
- Auto or manual ranging
- Auto power-off
- Low battery indication
- Conforms to EN61010 1000V Cat. II, 600V Cat. III
- Includes IA181 test leads, 6AM6X battery and HN416 carrying case
- Accredited calibration available

### SPECIFICATIONS:

<b>Current Range:</b>	40A, 400 A, 1000 A AC/DC
<b>Resolution:</b>	0.01 A, 0.1 A, 1 A AC/DC
<b>Accuracy:</b>	AC: $\pm(1.9\% \text{ rdg.} + 5 \text{ dgt.})$ ; DC: $\pm(2.5\% \text{ rdg.} + 10 \text{ dgt.})$
<b>Voltage Range:</b>	AC: 400 V, 750 V; DC: 400 V, 1000 V
<b>Resolution:</b>	0.1, 1 V AC/DC
<b>Accuracy:</b>	AC: $\pm(1.5\% \text{ rdg.} + 5 \text{ dgt.})$ ; DC: $\pm(1\% \text{ rdg.} + 2 \text{ dgt.})$
<b>Resistance Range:</b>	400 $\Omega$ , 4000 $\Omega$
<b>Resolution:</b>	0.1 $\Omega$ , 1 $\Omega$
<b>Accuracy:</b>	$\pm(1\% \text{ rdg.} + 3 \text{ dgt.})$
<b>Frequency Range:</b>	A & V: 4 kHz, 10 kHz
<b>Resolution:</b>	1 Hz, 10 Hz
<b>Accuracy:</b>	A-Hz: $\pm(0.1\% \text{ rdg.} + 1 \text{ dgt.})$ (20 Hz-10 kHz); V-Hz: $\pm(0.1\% \text{ rdg.} + 1 \text{ dgt.})$ (10 Hz-10 kHz)
<b>Continuity Range:</b>	< 100 $\Omega$
<b>Test Current Range:</b>	1.7 mA max.
<b>Power Supply:</b>	Single 9 V battery
<b>Battery Life:</b>	Approx. 100 hours
<b>Jaw Opening:</b>	40 mm
<b>Dimensions:</b>	242 x 66 x 36 mm
<b>Weight:</b>	400 g

HX161



**REED**

Model No.	Mfg. No.	Description	Price/Each
HX161	R5050	True RMS AC/DC Clamp Meter	
NJW169	R5050-NIST	True RMS AC/DC Clamp Meter w/ISO Certificate	
HX357	R5400	AC Line Splitter	
IA707	R1020	Fused Test Lead Sets	

## AC/DC CLAMP METERS

- Full function autoranging DMM includes AC/DC voltage and current, resistance, capacitance, frequency, duty cycle, diode and continuity
- Current measurements to 2000 A through the clamp and 240 mA via test leads
- Large 5000 count backlit display for high resolution
- Basic DCV accuracy of 1% with 0.1 mV resolution and current resolution to 0.1  $\mu$ A
- 2.36" (60 mm) clamp jaw opening (750 MCM)
- DC current push button zero, relative measurements and Data Hold
- Heavy-duty ABS case with built-in stand and thumb control function switch

### SPECIFICATIONS:

<b>DC/AC Current Range (Clamp):</b>	240, 2000 A
<b>DC/AC Current Range (DMM):</b>	240, 2400 $\mu$ A, 24, 240 mA
<b>DC/AC Voltage Range:</b>	2.4, 24, 240, 1000 V
<b>Capacitance Range:</b>	25, 250 nF, 2.5, 25 $\mu$ F
<b>Resistance Range:</b>	240 $\Omega$ , 2.4, 24, 240 k $\Omega$ , 2.4, 24 M $\Omega$
<b>Frequency Range:</b>	50, 500 Hz, 5, 50, 100 kHz
<b>Duty Cycle Range:</b>	0.1% to 99.9%



**REED**

Model No.	Mfg. No.	Description	Price/Each
HN415	R5060	AC/DC Clamp-On Meter	
IC558	R5060-NIST	AC/DC Clamp-On Meter w/ISO Certificate	
IA707	R1020	Fused Test Lead Sets	

## AC/DC CLAMP METER

- Measures AC and DC voltage and current, resistance, capacitance and frequency as well as temperature with the included type K thermocouple probe
- True RMS AC measurements
- Diode and continuity test with beeper
- 50 000-count digital display with 61-segment analog
- Auto or manual ranging
- Double molded plastic housing
- Conforms to EN61010 600V Cat. III
- Includes test leads, temperature probe, 9 V battery and case
- AC/DC range: 500/1000 A



**REED**

Model No.	Mfg. No.	Description	Price/Each
IB065	R5040	AC/DC Clamp Meter	
NJW168	R5040-NIST	AC/DC Clamp Meter w/ISO Certificate	
IA707	R1020	Fused Test Lead Sets	

## TRUE RMS mA CLAMP METER

- Measures AC/DC current/voltage, resistance and capacitance
- High resolution 0.1 mA (AC) and 1 mA (DC)
- True RMS for AC current/voltage
- 6000-count backlit LCD display
- Built-in non-contact voltage detector with LED indicator
- V.F.C (variable frequency control) mode for air-conditioner maintenance and diagnostics
- Low battery and over range indicators
- Diode test and continuity check functions
- Durable double-molded plastic housing
- Cat. III 600V safety rating
- Auto shut-off after 15 minutes
- Includes: R5015 mA Clamp Meter, Test Leads, Batteries and Soft Carrying Case

### SPECIFICATIONS

<b>Voltage Readings:</b>	AC/DC
<b>Current Readings:</b>	AC/DC
<b>Power Supply:</b>	2 AAA Batteries
<b>Product Certifications:</b>	CE, ETL, RoHS
<b>Operating Temperature:</b>	32 to 104°F (0 to 40°C)



**REED**

Model No.	Mfg. No.	Description	Price/Each
IB899	R5015	True RMS mA Clamp Meter	
IB900	R5015-NIST	True RMS mA Clamp Meter w/ISO Certificate	
IA181	R1000	Basic Test Leads	
IA707	R1020	Fused Test Lead Set	