



## 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:

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

HX161



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:

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



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



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

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



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	