EXTECH INSTRUMENTS

PRODUCT DATASHEET

MA61/MA63 True RMS 60A Clamp Meters + NCV

Model MA61
AC Current

Model MA63
AC/DC Current

Choice of AC Current or AC/DC Current model, both with high ±2% accuracy. Manual ranging clamp meters with three Current ranges. The 6000mA range allows for low current measurements that may be used in the automotive industry. Unique VFC (variable frequency control) mode helps troubleshoot and diagnose HVAC applications that are variable frequency driven.

Features

- True RMS for accurate readings of noisy, distorted or non-sinusoidal waveforms
- **Model MA61** — AC Current and Relative function
  Model MA63 — AC/DC Current and DC Zero function
- Compact 0.7" (17mm) jaw size allows measurements in tight locations
- Variable Frequency Control (VFC): Low pass filter for accurate measurement of variable frequency drive signals
- Built-in Non-Contact Voltage (NCV) detector
- Full range overload protection
- 6000 count backlit LCD display
- Data Hold freezes reading on display
- Low battery indicator and Auto Power Off feature
- CAT II-600V and CAT III-300V safety rating
- Complete with test leads, carrying case, and two AAA batteries

Specifications	MA61	MA63
AC Current (max resolution)	600mA, 6000mA, 60A (0.1mA)	600mA, 6000mA, 60A (0.1mA)
DC Current (max resolution)	—	6000mA, 60A (1mA)
Basic accuracy	±2.0%	AC: ±2.0%, DC: ±2.0%
Non-Contact Voltage (NCV)	100 to 600V AC	100 to 600V AC
AC/DC Voltage	AC: 6V, 60V, 600V (1mV) / DC: 600mV, 6V, 60V, 600V (0.1mV)	AC: 6V, 60V, 600V (1mV) / DC: 600mV, 6V, 60V, 600V (0.1mV)
Basic accuracy	AC: ±0.8% DC: ±0.7%	AC: ±0.8% DC: ±0.7%
Resistance (Ω)	600, 6k, 60k, 600k, 6M, 60M (0.1Ω)	600, 6k, 60k, 600k, 6M, 60M (0.1Ω)
Capacitance	6.2nF, 620µF, 62mF (1pF)	6.2nF, 620µF, 62mF (1pF)
Frequency	10Hz to 60kHz (0.001Hz)	10Hz to 60kHz (0.001Hz)
Diode/Continuity	Yes	Yes
Dimensions/ Weight	6.9x2.4x1.3" (175x60x33.5mm) / 6oz (170g)	6.9x2.4x1.3" (175x60x33.5mm) / 6oz (170g)

Ordering

MA61 N ..... True RMS 60A AC Clamp Meter+NCV
MA63 N ..... True RMS 60A AC/DC Clamp Meter+NCV

N *Indicates products that are available with optional calibration traceable to NIST. Order with -NIST after part number for product plus Calibration Certificate.*

MA61 UPC Code: 793950370612
MA63 UPC Code: 793950370636

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