

# Compact Digital Multimeters + NCV

**Built-in Non-contact Voltage Detector**  
Non-contact Voltage Detector quickly checks for the presence of voltage from 100 to 600VAC

## Features:

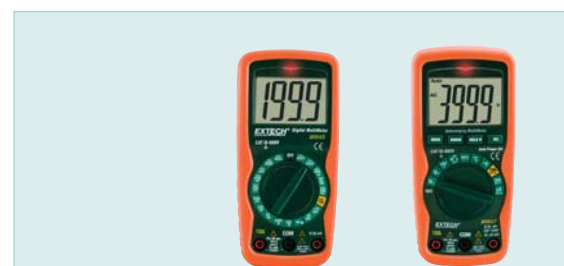
- 0.5% basic accuracy
- Over-sized high contrast LCD display
- Double molded housing
- CAT III-600V
- Complete with test leads, Type K bead wire probe (-22 to 572°F/-30 to 300°C)(MN47), 9V battery, and carrying case

### MN42:

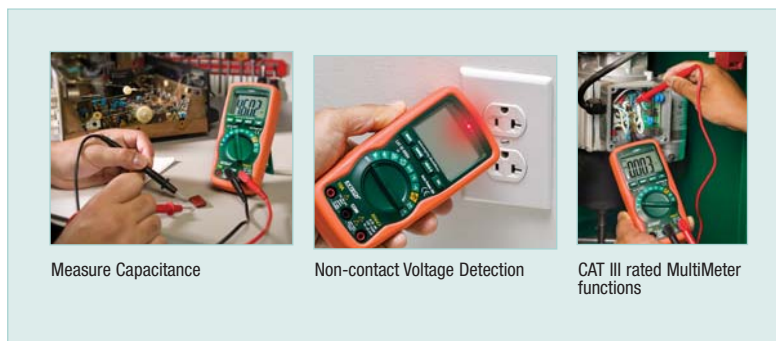
- Manual ranging
- 2000 count
- 1.5V and 9V Battery tests

### MN47:

- Autoranging with manual override
- 4000 count backlit display
- AC Current, Capacitance, Frequency, Temperature & Duty Cycle
- Relative and Data Hold functions



| Specifications      | MN42                                | MN47            |
|---------------------|-------------------------------------|-----------------|
| Ranging             | Manual                              | Autoranging     |
| Display counts      | 2000                                | 4000 backlit    |
| Basic Accuracy      | 0.5%                                | 0.5%            |
| NC Voltage Detector | 100 to 600VAC                       | 100 to 600VAC   |
| DC Voltage          | 600V (0.1mV)                        | 600V (0.1mV)    |
| AC Voltage          | 600V (0.1V)                         | 600V (0.1mV)    |
| DC Current          | 10A (1µA)                           | 10A (0.1µA)     |
| AC Current          | —                                   | 10A (0.1µA)     |
| Resistance          | 2MΩ (0.1Ω)                          | 40MΩ (0.1Ω)     |
| Capacitance         | —                                   | 100µF (1pF)     |
| Frequency           | —                                   | 10MHz (0.001Hz) |
| Temperature         | —                                   | 1400°F (760°C)  |
| Duty Cycle          | —                                   | 0.1 to 99.9%    |
| Diode/Continuity    | Yes                                 | Yes             |
| Battery Test        | 1.5V / 9V                           | —               |
| Dimensions          | 5.9 x 2.75 x 1.8" (150 x 70 x 48mm) |                 |
| Weight              | 9oz (255g)                          |                 |



## Ordering Information:

- MN42** .....Manual Ranging MultiMeter + Voltage Detector
- MN42-NIST** ....Manual Ranging MultiMeter + Voltage Detector w/NIST Certificate
- MN47** .....Autoranging MultiMeter with Temp + Voltage Detector
- MN47-NIST** ....Autoranging MultiMeter with Temp + Voltage Detector w/NIST Certificate

