EXTECH INSTRUMENTS
A FLIR COMPANY

Experience the Extech Advantage

PRODUCT DATASHEET

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, general purpose Type K bead wire probe (MN47), 9V battery, and carrying case

MN42:

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

MN47:

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



Measure Capacitance



Non-contact Voltage Detection



CAT III rated MultiMeter functions





Specifications	MN42	MN47
Ranging	Manual	Autoranging
Display counts	2000	4000
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
MN47 .....Autoranging MultiMeter with Temp + Voltage Detector

CE EN 61010-1 CAT III 600V

Specifications subject to change without notice.
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