EXTECH INSTRUMENTS
A FLIR COMPANY

Experience the Extech Advantage

PRODUCT DATASHEET

Compact Digital Mini MultiMeters

Autoranging or Manual ranging multimeters

Affordable compact sized multimeters with Type K Temperature measurments and Autoranging model with advanced functions including Capacitance and Frequency.



Features:

- Large easy to read digital display
- Thermocouple Type K function for surface and air temperature measurements up to 1400°F (760°C)
- Measure AC and DC Voltage to 600V
- DC Current function to 10A
- Resistance tests with Continuity and Diode functions
- Convenient mini size with tilt stand
- Includes built-in tilt stand, 9V battery (MN15A), two AAA batteries (MN16A), Test leads, and general purpose Type K thermocouple probe

MN15A Manual Ranging model

- 9V and 1.5V Battery test under load

MN16A Autoranging model

- AC Current, Capacitance, Frequency and Duty Cycle measurements
- Data Hold locks reading in the display



Troubleshoot electronic and electrical equipment

Function	MN15A (Manual Ranging)	MN16A (Autoranging)	Basic Accuracy MN15A	MN16A
DC Voltage	600V (0.1mV)	600V (1mV)	±0.5%	±1.2%
AC Voltage	600V (0.1V)	600V (0.1mV)	±1.2%	±1.5%
DC Current	10A (0.1mA)	10A (0.1µA)	±1.5%	±1.5%
AC Current	—	10A (0.1µA)	—	±1.8%
Resistance	20MΩ (0.1Ω)	40MΩ (0.1Ω)	±0.8%	±1.2%
Capacitance	—	100µF (0.01nF)	—	±3.0%
Frequency	—	5MHz (0.001Hz)	—	±1.2%
Temperature	-4 to 1400°F (-20 to 750°C)	-4 to 1400°F (-20 to 750°C)	±(3%rdg + 8 digits)	
Duty Cycle	—	01 to 99.9%	—	±1.2%
Battery Test	9V & 1.5V Batteries	—		
Category rating	CAT III-600V	CAT III-600V		
Dims/ Wt	5.43x2.83x1.5" (138x72x38mm)/ 5.4oz (153g)			

Ordering Information:

MN15A .....Manual Ranging MiniTec® MultiMeter with Temp
MN16A .....Auto Ranging MiniTec® MultiMeter with Temp
TP873 .....Spare Type K Bead Wire Temperature Probe (-22 to 572°F/-30 to 300°C)
409992 .....Vinyl Pouch Carrying Case

EN 61010-1 CAT III 600V

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