DIGITAL MULTIMETER

MD-200



The MD-200 digital multimeter brings together the basic features of a professional instrument such as high accuracy, reliability and a wide range of measurements.

The reading system using an LCD type display and ease of handling means it can be used both in laboratories and on production lines. Its reliability of use also makes it very suitable for training.

It will allow measurements to be taken of current up to 10 A and reading of direct voltage diode drops.

It includes functions such as HOLD, continuity sound signal, AUTO-RANGE and manual range among others. Rear illuminated display makes reading confortable even in the dark.

Input connectors are separated by the measurements of V/W and A respectively.

It can be powered both through the mains supply and by battery and has a compartment for storing accessories possibly needed when used away from the laboratory.

SPECIFICATIONS	MD-200
DC voltage	
Ranges	200 mV - 2 V - 20 V - 200 V - 1000 V
Resolution	100 µV, 200 mV range
Accuracy	± 0.5 % reading ± 2 digits
Input impedance	10 MΩ
Protection	1100 V DC or peak AC
AC voltage	
Ranges	2 V - 20 V - 200 V - 750 V
Resolution	1 mV, 200 mV range
Basic accuracy	± 1.5 % reading ± 5 digits (40 to 500 Hz)
Input impedance	10 MΩ // < 100 pF
Protection	1100 V DC or peak AC
DC current	
Ranges	200 µA - 2 mA - 20 mA - 200 mA - 10 A
Resolution	100 nA, 200 µA range
Accuracy	± 1 % reading ± 2 digits from 200 µA to 200 mA ranges ± 1.5 % reading ± 4 digits, 10 A range
Protection	By fuse mA y A
AC current	
Ranges	200 µA - 2 mA - 20 mA - 200 mA - 10 A
Resolution	100 nA, 200 µA range
Accuracy	± 1.5 % reading ± 5 digits From 200 µA to 200 mA ranges ± 2.5 % reading ± 5 digits (40 to 500 Hz) 10 A range
Protection	Fuse mA and A inputs

Resistance	
Ranges	200 Ω - 2 kΩ - 20 kΩ - 200 kΩ - 2 MΩ - 20 MΩ
Resolution	01 Ω, 200 Ω range
Basic accuracy	± 0.75 % reading ± 2 digits, 200 Ω range to 2 MΩ 2.5 % ± 5 digits, 20 MΩ range
Protection	600 VDC or rms
Test voltage	0.45 V (LO Ω mode) 0.9 V (Ω mode)
Continuity test	50 Ω approx.
Diode test	
Test current	1 mA
O.C. voltage	3.3 V maximum
Presentation	
Display	3 1/2 digits LED, with backlight
Overrange indication	Yes, Blinking digit
DC polarity indication	Automatic
General	
Memory	Holds the value on the display
Reading rate	2 reading / s approx.
Power supply	
Battery	6 x 1.5 V optional. Type AA, LR6 or AM3
Mains voltage	90 to 132 V or 198 to 250 AC / 50 - 60 Hz
Consumption	10 W
Battery life	1200 h without backlight, alkalines
Mechanical features	
Dimensions	W. 218 x H. 73 x D. 195 mm
Weight	1.3 kg
Included accessories	Instructions manual, test leads.