

MD 9015 Electrical Field Service Digital Multimeter

The digital multimeter MD 9015 includes all necessary functions required to detect and diagnose most electrical and electrotechnical problems. Display with large easily-read figures and one-handed operation make MD 9015 an extremely easy to use. This compact instrument combines a high level of functionality and small size and portability.

MEASURING FUNCTIONS:

- AC, DC voltage measurement.
- AC, DC current measurement.
- Capacitance measurement.
- Resistance measurement.
- Diod test.
- Frequency measurement.
- Continuity test.
- Electric field detection.
- Temperature measurement.

KEY FEATURES:

- **Temperature:** measures temperature in Celsius up to 300 °C and in Fahrenheit up to 572 °F.
- **Auto-ranging:** user can switch between auto and manual ranging.
- **EF detection:** non-contact and probe-contact electric field detection.
- **Relative zero mode:** relative function for comparing the difference between signals or removing background noise.
- **Hold:** data hold function freezes the display for later view.
- **PC Link:** test results can be downloaded to the computer via the optional PC software.
- **Safe:** CAT II / 1000 V, CAT III / 600 V and CAT IV / 300 V overvoltage protection.

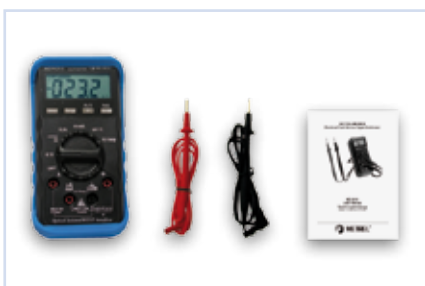


APPLICATION:

- HVAC (heating, ventilation and air conditioning) troubleshooting
- Low level electrical testing.
- Low level electronic fault finding.
- Basic field servicing.
- Hobby work.

STANDARD SET:

- Multimeter MD 9015 with rubber holster
- Test lead with probe, 2 pcs
- 1.5 V battery, type AAA, 2 pcs
- Instruction manual
- Warranty



TECHNICAL SPECIFICATION:

Function	Range	Accuracy
DC voltage	250.0 mV ... 1000 V	from $\pm(0.3\%$ of reading + 4 digits) to $\pm(1.0\%$ of reading + 4 digits)
AC voltage (50 ... 500 Hz)	250.0 mV ... 750 V	from $\pm(1.0\%$ of reading + 3 digits) to $\pm(2.2\%$ of reading + 6 digits)
DC current	250.0 μ A ... 10.00 A	from $\pm(0.8\%$ of reading + 3 digits) to $\pm(2.0\%$ of reading + 6 digits)
AC current	250.0 μ A ... 10.00 A	from $\pm(1.0\%$ of reading + 4 digits) to $\pm(2.5\%$ of reading + 5 digits)
Diode test	Open-circuit voltage <1.8 V _{bc} , Test current 1 mA	
Resistance	250.0 Ω ... 25.00 M Ω	from $\pm(0.4\%$ of reading + 2 digits) to $\pm(1.0\%$ of reading + 4 digits)
Temperature	-20 °C ... 300 °C	3 °C + 3 digits
Frequency	30 Hz ... 200 kHz	$\pm(0.05\%$ of reading + 4 digits)
Capacitance	2.500 nF ... 25.00 μ F	from $\pm(1.0\%$ of reading + 4 digits) to $\pm(6.0\%$ of reading + 45 digits)
Power supply	2 x 1.5 V batteries, type AAA	
Overvoltage category	CAT IV / 300 V; CAT III / 600 V; CAT II / 1000 V	
Dimensions	160 x 82 x 48 mm	
Weight	345 g	