

Digital multimeters

MD 9010 Autocheck multimeter



The MD 9010 is one of the smallest and lightest of our digital multimeters. The MD 9010 unit can be used for a wide variety of applications. The high accuracy, LCD display and features including non-contact voltage detection and an autocheck function make the multimeter extremely versatile and great value for money.

MEASURING FUNCTIONS

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

KEY FEATURES

- **Autocheck function:** automatic detection of AC voltage, DC voltage or resistance.
- **Auto-ranging:** no need of manual ranging.
- **Pocket-sized:** small, thin, ergonomic design.
- **Lightweight:** 78 g only.
- **Acoustic signalling** on continuity test.
- **EF detection:** non-contact and probe-contact electric field detection.
- **Safe:** protected against wrong connection and overvoltage (CAT III / 300 V and CAT II / 600 V).
- **Easy to read:** LCD display, 3-5/6 digits, 6000 counts.

APPLICATION

- Low level electrical testing;
- Low level electronic fault finding;
- Basic field servicing;
- Hobby work.

TECHNICAL SPECIFICATION

FUNCTION	Range	Accuracy
DC voltage	6.000 V ... 600.0 V	from $\pm(0.5\%$ of reading + 3 digits) to $\pm(2.0\%$ of reading + 5 digits)
AC voltage (50 ... 60 Hz)	6.000 V ... 600.0 V	$\pm(1.5\%$ of reading + 5 digits)
DC current	400.0 μ A 2000 μ A	$\pm(1.5\%$ of reading + 3 digits) $\pm(1.2\%$ of reading + 3 digits)
AC current	400.0 μ A 2000 μ A	$\pm(2.0\%$ of reading + 3 digits) $\pm(1.5\%$ of reading + 3 digits)
Diode test	Open-circuit voltage <1.6 VDC	
Resistance	600.0 Ω ... 6.000 M Ω	from $\pm(1.0\%$ of reading + 4 digits) to $\pm(2.0\%$ of reading + 6 digits)
Frequency	10.00 Hz ... 30.00 kHz	$\pm(0.5\%$ of reading + 4 digits)
Capacitance	100.0 nF ... 2000 μ F	$\pm(3.5\%$ of reading + 6 digits)
Power supply	3 V button battery (IEC-CR2032)	
Overvoltage category	CAT III / 300 V; CAT II / 600 V	
Dimensions	113 x 53 x 10.2 mm	
Weight	78 g	

ORDERING INFORMATION



Standard set MD 9010

- MD 9010 Autocheck multimeter
- Test lead with probe (red, black), 2 pcs
- 3V battery type IEC-CR2032
- Instruction manual
- Calibration certificate

METREL d.o.o.

Test and Measurement Equipment
Ljubljanska 77, SI-1354 Horjul, Slovenia
T +386 (0)1 75 58 200
info@metrel.si
www.metrel.si

Note! Photographs in this catalogue may slightly differ from the instruments at the time of delivery.
Subject to technical change without notice.