

Selection Guide for Multimeters

Part No.:	MD 9060 NEW	MD 9050	MD 9040
True RMS	✓	✓	✓
DC current range (A)	10	10	10
Basic accuracy (%)	0.15	0.2	0.2
Maximum resolution (µA)	0.1	0.1	0.1
AC current range (A)	10	10	10
Basic accuracy (%)	0.5	0.6	0.6
Maximum resolution (µA)	0.1	0.1	0.1
DC voltage range (V)	1000	1000	1000
Basic accuracy (%)	0.02	0.06	0.06
Maximum resolution (µV)	10	10	10
AC voltage range (V)	1000	1000	1000
Basic accuracy (%)	0.3	0.5	0.5
Maximum resolution (µV)	10	10	10
Resistance measurement (MΩ)	50	60	60
Basic accuracy (%)	0.07	0.1	0.1
Maximum resolution (mΩ)	100	100	100
Acoustic continuity test	✓	✓	✓
Diode test	✓	✓	✓
Capacitance	✓	✓	✓
Frequency measurement	✓	✓	✓
Frequency of digital signals	✓	✓	✓
Temperature measurement (Type K sensor)	T1 & T2 (temperature comparison)	T1 & T2 (temperature comparison)	-
Autocheck® V / Ω	-	✓	-
Conductance (nS)	✓	✓	-
IP-RPM (Inductive pickup type)	-	-	-
IG-RPM (Contact signal type)	-	-	-
Dwell – Angle function	-	-	-
% - Duty Function	-	-	-
Fuel injection – ms detector	-	-	-
100 kHz Voltage Bandwidth	✓	-	-
Variable frequency drive	✓	-	-
Count	50,000 (fast mode) 500,000 (DCV) 99,999 (Hz)	9999 (AC/DCV, Hz, nS) 6000 (mV, µmA, Ω, F)	-
Backlight	✓	✓	-
Analogue bar-graph	41 segment	41 segment	41 segment
IR, RS232 interface	✓	✓	✓
Automatic and manual range selection	✓	✓	✓
Automatic switch off	✓	✓	✓
Non-contact electrical field detection (EF)	-	✓	-
MAX hold	✓	-	-
Peak hold	✓	✓	-
Data hold	✓	✓	✓
Recording (MAX / MIN / AVG)	✓	✓	✓
Relative value	✓	✓	✓
Compensation for test leads	-	✓	✓
Overvoltage category	CAT IV / 1000 V	CAT IV / 1000 V	CAT IV / 1000 V
Dimensions with holster (mm)	208 x 103 x 64.5	208 x 103 x 64.5	208 x 103 x 64.5
Weight with holster (g)	635	635	635
CE mark	✓	✓	✓

MD 9035 NEW	MD 9030	MD 9020	MD 9016 NEW	MD 9015	MD 9010
-	✓	-	-	-	-
10	10	10	8	10	0.002
0.7	1.2	1.2	0.5	0.8	1.2
0.1	0.1	0.1	0.1	0.1	0.1
10	10	10	8	10	0.002
2.2	1.5	1.5	1.0	1	1.5
0.1	0.1	0.1	0.1	0.1	0.1
1000	1000	1000	1000	1000	600
0.4	0.3	0.3	0.4	0.3	0.5
10	100	100	10	100	1000
1000	1000	1000	1000	750	600
2.0	1.5	1.5	1.0	1	1.5
10	100	100	10	100	1000
60	40	40	60	25	6
0.5	0.6	0.6	0.5	0.4	1
100	100	100	100	100	100
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
-	-	-	✓	-	-
T1	T1	T1	T1	T1	-
-	-	-	-	-	✓
-	-	-	-	-	-
✓	-	-	-	-	-
✓	-	-	-	-	-
✓	-	-	-	-	-
✓	-	-	-	-	-
-	-	-	-	-	-
6000	4000	4000	6000	2500	6000
✓	✓	-	-	-	-
24 segment	-	-	24 segment	-	-
-	-	-	✓	✓	-
✓	✓	✓	✓	✓	Auto
✓	✓	✓	✓	✓	✓
-	-	-	✓	✓	✓
-	✓	✓	✓	-	-
-	-	-	-	-	-
✓	✓	✓	✓	✓	-
-	-	-	-	-	-
-	✓	✓	✓	✓	-
-	-	-	-	-	-
CAT II / 1000 V	CAT IV / 300 V CAT III / 600 V CAT II / 1000 V	CAT IV / 300 V CAT III / 600 V CAT II / 1000 V	CAT IV / 300 V CAT III / 600 V CAT II / 1000 V	CAT IV / 300 V CAT III / 600 V CAT II / 1000 V	CAT III / 300 V CAT II / 600 V
161 x 80 x 50	198 x 97 x 55	198 x 97 x 55	161 x 80 x 50	160 x 82 x 48	113 x 53 x 10.2
340	396	396	340	345	78
✓	✓	✓	✓	✓	✓