

Insulation Resistance Tester comparative chart

Display Type	DIGITAL	DIGITAL	DIGITAL	DIGITAL	DIGITAL	DIGITAL	DIGITAL
Model	DG6	DG7	DG8	DG9	DG525	DG251	M53
Category	-	-	-	-	-	-	-
CE	-	-	-	-	-	-	-
Test voltage range	2	2	2	2	2	2	2
Insulation resistance	25V/4M·40M	50V/4M·40M	50V/4M·40M	125V/40M·400M	500V/2000MΩ	250V/2000MΩ	500V/2000MΩ
(Test voltage / Maximum scale value)	15V/4M·40M	25V/4M·40M	15V/4M·40M	50V/4M·40M	250V/2000MΩ	125V/2000MΩ	15V/20MΩ
ACV (V)	-	-	-	-	600	600	750
DCV (V)	-	-	-	-	-	-	750
Discharge	-	-	-	-	-	-	-
Backlight	-	-	-	-	●	●	-
Inner battery check	-	-	-	-	-	-	-
Meter structure	-	-	-	-	-	-	-
Data hold	●	●	●	●	●	●	-
Auto power save	●	●	●	●	-	-	-
Auto power off	-	-	-	-	●	●	●
Dimension (H) mm	117	117	117	117	175	175	175
Dimension (W) mm	76	76	76	76	115	115	115
Dimension (D) mm	18	18	18	18	55	55	55
Weight (g)	125	125	125	125	600	600	600

Display Type	ANALOG	DIGITAL	ANALOG
Model	MG1000	MG500	MG125
Category	CATⅢ500V	CATⅢ500V	CATⅢ500V
CE	●	●	●
Test voltage range	3	3	3
Insulation resistance	1000V/4000MΩ	500V/4000MΩ	125V/400MΩ
(Test voltage / Maximum scale value)	500V/4000MΩ	250V/4000MΩ	50V/400MΩ
	250V/4000MΩ	125V/4000MΩ	25V/400MΩ
ACV (V)	600	600	600
DCV (V)	600	600	600
Resistance	40/4000	40/4000	40/4000
Discharge	●	●	●
Backlight	●	●	●
Inner battery check	●	●	●
Data hold	●	●	●
Auto power save	●	●	●
Auto power off	-	-	-
Dimension (H) mm	170	170	170
Dimension (W) mm	142	142	142
Dimension (D) mm	57	57	57
Weight (g)	600	600	600

Display Type	ANALOG	ANALOG	ANALOG	ANALOG	ANALOG	ANALOG	ANALOG
Model	DM1528S	DM5218S	DM1008S	DM508S	PDM508S	DM-1527	DM-5257
Category	CATⅢ500V	CATⅢ500V	CATⅢ500V	CATⅢ500V	CATⅢ500V	-	-
CE	●	●	●	●	●	-	-
Test voltage range	3	3	1	1	1	3	3
Insulation resistance	1000V/2000MΩ	500V/1000MΩ	1000V/2000MΩ	500V/1000MΩ	500V/100MΩ	1000V/2000MΩ	500V/1000MΩ
(Test voltage / Maximum scale value)	500V/1000MΩ	250V/500MΩ	-	-	-	500V/1000MΩ	250V/500MΩ
	250V/500MΩ	125V/200MΩ	-	-	-	250V/500MΩ	100V/200MΩ
ACV (V)	600	600	600	600	600	600	600
DCV (V)	60	60	60	60	60	-	-
Discharge	●	●	●	●	●	●	●
Backlight	-	-	-	-	-	-	-
Inner battery check	●	●	●	●	●	●	●
Meter structure	BAND	BAND	BAND	BAND	BAND	BAND	BAND
Data hold	-	-	-	-	-	-	-
Auto power save	-	-	-	-	-	-	-
Auto power off	-	-	-	-	-	-	-
Dimension (H) mm	144	144	144	144	144	175	175
Dimension (W) mm	99	99	99	99	99	118	118
Dimension (D) mm	43	43	43	43	43	55	55
Weight (g)	310	310	310	310	310	520	520

Digital Multimeter comparative chart

Model	PC5000	PC520M	PC510	PC500	PC20	CD770	CD771
Digit	5000/50000	5000	5000	5000	4000	4000	4000
Category	CATⅢ500V	CATⅢ500V	CATⅢ500V	CATⅢ500V	CATⅢ500V	CATⅢ500V	CATⅢ500V
CE	●	●	●	●	●	●	●
Range	A/M	A/M	A/M	A/M	A/M	A/M	A/M
DCV (V)	500m	50m	50m	50m	400m	400m	400m
	5	500m	500m	500m	4	4	4
	50	5	5	5	40	40	40
	500	50	50	50	400	400	400
	1000	500	500	500	1000	600	1000
	-	1000	1000	1000	-	-	-
ACV (V)	500m	50m	50m	50m	4	4	4
	5	500m	500m	500m	40	40	40
	50	5	5	5	400	400	400
	500	50	50	50	750	600	1000
	1000	500	500	500	-	-	-
	-	1000	1000	1000	-	-	-
DCA (A)	500μA	500μA	500μA	500μA	400μA	400μA	400μA
	5000μA	5000μA	5000μA	5000μA	4000μA	4000μA	4000μA
	50m	50m	50m	50m	40m	40m	40m
	500m	500m	500m	500m	400m	400m	400m
	5	5	5	5	4	-	4
	10	10	10	10	10	-	10
ACA (A)	500μA	500μA	500μA	500μA	400μA	400μA	400μA
	5000μA	5000μA	5000μA	5000μA	4000μA	4000μA	4000μA
	50m	50m	50m	50m	40m	40m	40m
	500m	500m	500m	500m	400m	400m	400m
	5	5	5	5	4	-	4
	10	10	10	10	10	-	10
Resistance (Ω)	500	50	50	50	400	400	400
	5k	500	500	500	4k	4k	4k
	50k	5k	5k	5k	40k	40k	40k
	500k	50k	50k	50k	400k	400k	400k
	5M	500k	500k	500k	4M	4M	4M
	50M	5M	5M	5M	40M	40M	40M
	-	50M	50M	50M	-	-	-
Capacitance (F)	50n	50n	50n	50n	50n	50n	50n
	500n	500n	500n	500n	500n	500n	500n
	5μF	5μF	5μF	5μF	5μF	5μF	5μF
	50μF	50μF	50μF	50μF	50μF	50μF	50μF
	500μF	500μF	500μF	500μF	100μF	100μF	100μF
	9999μF	9999μF	9999μF	9999μF	-	-	-
Temperature (°C) min	○	-50	-50	○	○	-	-
Temperature (°C) max	○	1000	1000	○	○	-	-
Frequency (Hz) min	10	10	10	10	-	5	5
Frequency (Hz) max	200k	125k	125k	125k	-	100k	100k
Logic frequency (Hz) min	5	-	-	-	-	-	-
Logic frequency (Hz) max	2M	-	-	-	-	-	-
Continuity	BUZZER	BUZZER	BUZZER	BUZZER	BUZZER	BUZZER	BUZZER/LED
Diode test	●	●	●	●	●	●	●
Duty cycle	●	-	-	-	-	-	-
dBm	●	-	-	-	-	-	-
Auto power off	●	●	●	●	-	●	●
Auto power save	-	-	-	-	-	-	-
Battery check	-	-	-	-	-	-	●
Data hold	●	●	●	●	●	●	●
Range hold	●	●	●	●	●	●	●
Peak hold	●	-	●	-	-	-	-
Relative value	●	-	●	-	-	●	●
4-20mA%	●	-	-	-	-	-	-
True RMS (AC+DC)	●	-	-	-	-	-	-
True RMS (AC)	●	-	●	-	-	-	-
Auto zero adjust	-	●	●	●	-	-	-
Bargraph	●	●	ZOOM	●	-	-	-
Max/Min	●	-	●	-	-	-	-
Backlight	-	-	-	-	-	-	●
PC link	○	○	○	○	○	-	-
Optional AC adapter connection	-	-	-	-	○	-	-
Dimension (H) mm	179	179	179	179	167	166	166
Dimension (W) mm	87	87	87	87	90	82	82
Dimension (D) mm	55	55	55	55	48	44	44
Weight (g)	460	460	460	460	330	340	360

○ Optional accessory is necessary.