

Digital Type



CE



Front cover image ▶

MG1000

Allows you to measure insulation resistance more safely by avoiding operation mistakes.

- Hot-line state (30V minimum) detection
- Large bolt mark with the buzzer sound
- Automatic data hold function
- Bargraph just like analog meter
- Large display with backlight
- Easy to use & tough body

Display : numeral display 4000 Sampling rate : 2 times / sec.
Safety : IEC61010 CAT.III 600V

APS DATA HOLD BACK LIGHT AD

1000V 500V 250V
4000MΩ 4000MΩ 4000MΩ

MG1000	Measuring range	Best accuracy	Resolution
MΩ	4M/40M/400M/4000M	± (3%+4)	0.001MΩ
Test voltage	1000/500/250V		
ACV/DCV	600V (AC/DC Automatic detection)	± (3%+2)	1V
Ω	4000Ω (Buzzer and ALARM indicator)	± (3%+3)	1Ω
Ω	40Ω	± (3%+10)	0.01Ω

Open circuit voltage	1 to 1.3 times of nominal test voltage
Rated measurement current	1.0~1.2mA
Short-circuit current	2mA or less
Live circuit detection	At ≥30V AC/DC or more, inhibits test, buzzer sounds and ALARM indicator lights up.
Battery	LR6×6
Size / Weight	H170×W142×D57mm/approx. 600g
Standard accessories included	Test Lead (TL-112), Strap (ST-50), Instruction Manual

Optional accessories
Clip adapter : CL-16

APS DATA HOLD BACK LIGHT AD

500V 250V 125V
4000MΩ 4000MΩ 4000MΩ

MG500	Measuring range	Best accuracy	Resolution
MΩ	4M/40M/400M/4000M	± (3%+4)	0.001MΩ
Test voltage	500/250/125V		
ACV/DCV	600V (AC/DC Automatic detection)	± (3%+2)	1V
Ω	4000Ω (Buzzer and ALARM indicator)	± (3%+3)	1Ω
Ω	40Ω	± (3%+10)	0.01Ω

Open circuit voltage	1 to 1.3 times of nominal test voltage
Rated measurement current	1.0~1.2mA
Short-circuit current	2mA or less
Live circuit detection	At ≥30V AC/DC or more, inhibits test, buzzer sounds and ALARM indicator lights up.
Battery	R6×6
Size / Weight	H170×W142×D57mm/approx. 600g
Standard accessories included	Test Lead (TL-112), Strap (ST-50), Instruction Manual

APS DATA HOLD BACK LIGHT AD

125V 50V 25V
400MΩ 400MΩ 400MΩ

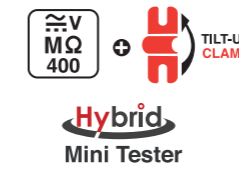
MG125	Measuring range	Best accuracy	Resolution
MΩ	400k/4M/40M/400MΩ	± (3%+4)	0.1KΩ
Test voltage	125/50/25V		
ACV/DCV	600V (AC/DC Automatic detection)	± (3%+2)	1V
Ω	4000Ω (Buzzer and ALARM indicator)	± (3%+3)	1Ω
Ω	40Ω	± (3%+10)	0.01Ω

Open circuit voltage	1 to 1.3 times of nominal test voltage
Rated measurement current	1.0~1.2mA
Short-circuit current	2mA or less
Live circuit detection	At ≥30V AC/DC or more, inhibits test, buzzer sounds and ALARM indicator lights up.
Battery	R6×6
Size / Weight	H170×W142×D57mm/approx. 600g
Standard accessories included	Test Lead (TL-112), Strap (ST-50), Instruction Manual

Hybrid Insulation Resistance Tester

DATA HOLD REL DCA ACA BACK LIGHT 500V 250V 125V
400MΩ 400MΩ 400MΩ

Insulation Resistance + Clamp meter



DG34

Hybrid pocket size Insulation Tester + Clamp meter

- Lightweight approx. 155g
- Easy to use, pocket size
- ACV / DCV measurement range
- DCA / ACA measurement range
- U-shaped CT
- Inorganic EL backlight
- Test leads holder with thermo plastic elastomer which is easy to reel.
- Current measurement with thin U-shaped current sensor(7mm) at angles of 0 and 180 degrees
- Data hold
- Measurement of relative value
- Auto power off
- With Clip adapter

Function	Measuring range	Best accuracy	Resolution
DCV	400V	± (1.1%rdg+3dgt)	0.1V
ACV	400V	± (1.6%rdg+7dgt)	0.1V
DCA	100A	± (2.0%rdg+5dgt)	0.1A
ACA	100A	± (2.0%rdg+5dgt)	0.1A
Insulation Resistance	500V / 400MΩ 250V / 400MΩ 125V / 400MΩ	± (3.0%rdg+3dgt)	0.1MΩ
Current Measuring	500V approx. 5μA(100MΩ loaded) 250V approx. 2.5μA(100MΩ loaded) 125V approx. 1.25μA(100MΩ loaded)		

Battery	LR03 x 2
Size / Weight	H130 x W75 x D19.9mm / approx160g(including Battery)
Clamp diameter	φ 10mm
Standard accessory	Clip adapter(CL-DG3), Instruction manual

Optional accessories

Carrying case (C-DG3), Clip adapter (CL-11, CL-15, TL-8IC)

DATA HOLD REL DCA ACA BACK LIGHT 500V 250V 125V
40MΩ 40MΩ 40MΩ

Insulation Resistance + Clamp meter



DG35

Hybrid pocket size Insulation Tester + Clamp meter

- Lightweight approx. 155g
- Easy to use, pocket size
- ACV / DCV measurement range
- DCA / ACA measurement range
- U-shaped CT
- Inorganic EL backlight
- Test leads holder with thermo plastic elastomer which is easy to reel.
- Current measurement with thin U-shaped current sensor(7mm) at angles of 0 and 180 degrees
- Data hold
- Measurement of relative value
- Auto power off
- With Clip adapter

Function	Measuring range	Best accuracy	Resolution
DCV	400V	± (1.1%rdg+3dgt)	0.1V
ACV	400V	± (1.6%rdg+7dgt)	0.1V
DCA	100A	± (2.0%rdg+5dgt)	0.1A
ACA	100A	± (2.0%rdg+5dgt)	0.1A
Insulation Resistance	500V / 40MΩ 250V / 40MΩ 125V / 40MΩ	± (3.0%rdg+3dgt)	0.01MΩ
Current Measuring	500V approx. 50μA(10MΩ loaded) 250V approx. 25μA(10MΩ loaded) 125V approx. 12.5μA(10MΩ loaded)		

Battery	LR03 x 2
Size / Weight	H130 x W75 x D19.9mm / approx160g(including Battery)
Clamp diameter	φ 10mm
Standard accessory	Clip adapter(CL-DG3), Instruction manual

Optional accessories

Carrying case (C-DG3), Clip adapter (CL-11, CL-15, TL-8IC)



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MG500

Allows you to measure insulation resistance more safely by avoiding operation mistakes.

- Hot-line state (30V minimum) detection
- Large bolt mark with the buzzer sound
- Automatic data hold function
- Bargraph just like analog meter
- Large display with backlight
- Easy to use & tough body

Display : numeral display 4000 Sampling rate : 2 times / sec.
Safety : IEC61010 CAT.III 600V

Optional accessories

Clip adapter : CL-16

Test lead : TLF-120



CE

MG125

Allows you to measure insulation resistance more safely by avoiding operation mistakes.

- Hot-line state (30V minimum) detection
- Large bolt mark with the buzzer sound
- Automatic data hold function
- Bargraph just like analog meter
- Large display with backlight
- Easy to use & tough body

Display : numeral display 4000 Sampling rate : 2 times / sec.
Safety : IEC61010 CAT.III 600V

Optional accessories

Clip adapter : CL-16

Test lead : TLF-120