

SMG50, SMG500/SMG500F



SMG50
SMG500

- ✓ AC/DC dielectric strength test, insulation measurement, ground continuity
- ✓ “one button check-up” for easy test
- ✓ RS232 or IEEE488-2 multi-lingual software
- ✓ easy to use and user friendly interface
- ✓ dedicated for laboratory and production lines
- ✓ complies with EN61010-1, EN60065, EN60335-1, EN60598-1, EN60601-1, EN60950, CEI990, and many other standards
- ✓ SMG500F : floating outputs model

“Designed as well for laboratories as for complex production lines,

SMG structure can easily be customized to always better fit customer needs”

SMG50

SMG500/SMG500F

AC hipot test

AC voltage range	0,1 kV up to 5 kV at 50 / 60 Hz	0,1 kV up to 5 kV at 50 / 60 Hz
Nominal AC current	5 mA	100 mA
Short-circuit AC current	< 10 mA	≥ 200 mA

DC hipot test (option)

DC voltage range	0,1 kV up to 6 kV	0,1 kV up to 6 kV
Nominal DC current	< 5 mA	10 mA
Short-circuit DC current	< 10 mA	20 mA

Output voltage reading	±(1.5% + 20V)	±(1.5% + 20V)
Output current reading	±(2.5% + 20U)	±(2.5% + 20U)
High limit IMAX	0-10mA in 0.01mA steps	0-100mA in 0.1mA steps
Low limit IMIN	0.01 to 9.99 mA	0.1 to 99.9 mA
ΔI detection	1 mA / 10 μs	10 mA / 10 μs

Insulation

Test voltage	50 V	100 V	250 V	500 V	1000 V (option)
Range	50 kΩ...20 GΩ	100 kΩ...40 GΩ	250 kΩ...100 GΩ	500 kΩ...200 GΩ	1 MΩ...200 GΩ
Accuracy · resolution	±(1.5% + 1U) · 2000 points				
Measurement current	2 mA max.				

Ground continuity

Measurement range	1 mΩ up to 1500 mΩ
Measurement current	5 A up to 30 A
Measurement accuracy	2.5%

Other specifications

Dimensions (W x H x D)	430 x 180 x 470 : 4U / 19"	430 x 180 x 470 : 4U / 19"
Weight	26 kg	30 kg

Accessories

No standard accessories. See accessory page and make your choice. Each equipment is delivered with data measurement along with standard tracibility, and CE certificate.

Options

See option page to know available options.

Calibration

See calibration page to know available kits.

ISO 9001 CERTIFIED MANUFACTURER

Distributor:

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Specifications subject to change without notice