

# GIGATESTpro - SPD

## MEASURING INSTRUMENT GIGATESTpro-SPD

### Usage, characteristics:

- measuring of insulation resistance with voltage 50V ÷ 1000V
- measuring of surge protection devices
- extended database of surge protection devices which is saved in the instrument's memory enables easy and fast data evaluation of measuring
- measuring of AC and DC voltage
- new storage system of the test tips in the transport position is potent-protected
- high contrast bright multicolour graphic OLED display ensures excellent legibility
- possibility to illuminate the measured object by a bright white LED light
- possibility to charge the battery right in the instrument

Scope of delivery: measuring instrument, twisted test lead with measuring tip, pouch, calibration certificate, warranty document, user's manual, cardboard shipping case



Measuring instrument



### GIGATESTpro-SPD



Insulation resistance	
Measurement range	0.100 MΩ ~ 1.999 GΩ (U = 50V ~ 99V)
Nominal measurement range	0.100 MΩ ~ 3.999 GΩ (U = 100V ~ 249V)
Resolution range	0.100 MΩ ~ 9.999 GΩ (U = 250V ~ 1000V)
Resolution range	0.001 MΩ / 0.01 MΩ / 0.1 MΩ / 0.001 GΩ
Basic measurement error	± (2% of MV + 10 D)* (R < 1 GΩ)
	± (4% of MV + 15 D)* (R > 1 GΩ)
Operating measurement error	± (3% of MV + 20 D)* (R < 1 GΩ)
	± (5% of MV + 25 D)* (R > 1 GΩ)
Nominal measurement current	≤ 1 mA
Short-circuit current	< 3 mA
Automatic discharge of the measured object	Yes



Surge protection devices	
Measurement range	40 V ~ 1050 V
Resolution range	1 V
Basic measurement error	± (2% of MV + 2 D)*
Operating measurement error	± (3% of MV + 3 D)*
Measurement principle	voltage rise with measuring of so-called mA point

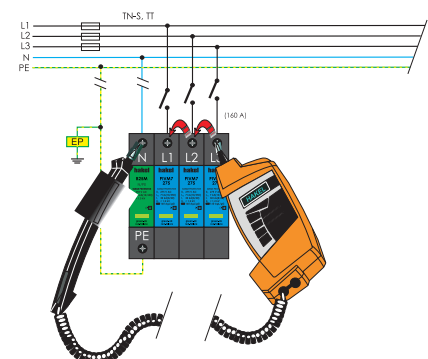
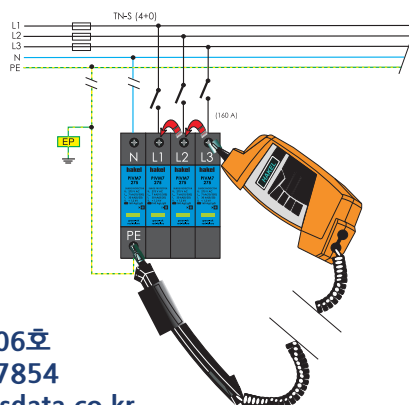
DC and AC voltage (actual effective value TRMS)	
Measurement range	0 V ~ 600 V DC / AC (45 Hz ÷ 65Hz)
Resolution range	1 V
Basic measurement error	± (2% of MV + 2 D)*
Operating measurement error	± (3% of MV + 3 D)*

Generally	
Power supply	4 pcs of AAA (LR03) alkaline battery 1.5 V or NIMH battery 1.2 V
Display	OLED, multicolour, graphic
Protection level	III (double insulation)
Surge protection category	CAT III / 300 V or CAT II / 600 V
Pollution level	2
IP code	IP 43
Dimensions	approx. 260 x 70 x 40 mm
Weight (including batteries and measuring tip)	approx. 0,36 kg

Optional accessories	
P 5050	Battery charger
P 5060	Set of 4 pcs NIMH batteries AAA
P 2011	Safety connecting lead, black, 2m
P 3011	Safety measuring tip, black
P 4011	Safety crocodile clip, black



### Optional accessories



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