

SE6545, SE6547

MΩ




SE6545
SE6547

- ✓ insulation measurement
- ✓ residual current measurement
- ✓ capacitance measurement
- ✓ giant back-lit LCD screen with digital display + bar graph
- ✓ automatic calculation of insulation quality ratios (DAR,PI) and dielectric discharge
- ✓ graph plotting R(t)
- ✓ 4 predetermined voltages : **500, 1000, 2500 and 5000 V**
- ✓ programmable test voltage position : **40 to 5100 V in 10 V or 100 V steps**
- ✓ memory / **RS232** / rechargeable battery (SE6547)

Its main applications are dedicated for the following markets : industry & manufacturer maintenance service, public markets, electrical fitters, control & maintenance companies, ...

“Your solution for portable insulation measurement equipment up to 5 kV ”

SE6545

SE6547

Insulation

Test voltages	500V	1000V	2500V	5000V	40V...5100V
Range	30kΩ...1.999TΩ	100kΩ...3.999TΩ	100kΩ...9.999TΩ	300kΩ...9.999TΩ	30kΩ...9.999TΩ
Resolution	1kΩ to 10GΩ depending on range				
Accuracy	+/- (5%R + 3cts) from 30kΩ...40GΩ then +/- (5%R + 10cts)				

Voltage

Measurement range	1.0...99.9V	100...999V	1000...2500V	2501...5100V
Frequency range	DC and 15 Hz...500Hz	DC and 15 Hz...500Hz	DC	DC
Resolution	0.1V	1V	2V	2V
Accuracy	+/-1%R + 5cts	1%R + 1ct	1%R + 1ct	1%R + 1ct

Capacitance

Range	0.005 to 9.999μF	10.00 to 49.99μF
Resolution	1 nF	10 nF
Accuracy	10%R + 1ct	

Leakage current

Range	0.000 to 0.251 to 10.00 to 100.0 to 10.00 to 0.000 to 100.0 to 100.0 to	0.250 nA 9.999 nA 99.99 nA 9.999μA 99.99μA 0.250nA 999.9μA 3000μA
Resolution	1pA 1pA 10 pA 100pA 1 nA 10 nA 100 nA 1μA	
Accuracy	15%R 10%R 5%R 5%R 5%R 5%R 5%R 10%R	

Other specifications

Memory	-	memorisation of measurements
Supply	NiMH rechargeable battery - 8 x 1.2 V / 3.5 Ah	
Dimensions (W x H x D)	270 x 250 x 180	
Weight	4.3 kg	

Provided accessories

2 high voltage safety test leads, 1 high voltage safety guard lead and crocodile clip, 1 rear pick-up lead, 1 carrying bag.

Options

Software for SE6547 only.

Calibration

See calibration page to know available kits.

ISO 9001 CERTIFIED MANUFACTURER

SEFELEC

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