

## SE654I, SE6543



SE654I  
SE6543

- ✓ insulation measurement
- ✓ AC/DC voltage measurement
- ✓ continuity measurement
- ✓ capacitance measurement
- ✓ giant back-lit LCD screen with digital display + bar graph
- ✓ automatic calculation of insulation quality ratios (DAR, PI)
- ✓ graph plotting R(t)
- ✓ memory / **RS232** / rechargeable battery (**SE 6543**)

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 1 kV ”*

### SE6541

### SE6543

#### Insulation

Test voltages	50V	100V	250V	500V	1000V
Range	2kΩ...200GΩ	4kΩ...400GΩ	10kΩ...1TΩ	20kΩ...2TΩ	40kΩ...4TΩ
Resolution	from 1kΩ to 1GΩ depending on range				
Accuracy	+/- (5%R + 3cts) from 2kΩ...40GΩ then +/- (15%R + 10cts)				

#### Resistance

Range	0.01Ω...400kΩ
Resolution	from 0.01Ω to 100Ω depending on range
Accuracy	+/- (3%R + 3cts)

#### Continuity

Range	0.01Ω...40Ω
Resolution	0.01Ω
Accuracy	+/- (3%R + 4cts)
Measurement current	>200mA (0.01...19.99Ω)
Lead compensation	Yes

#### Automatic voltage test

Range	1...1000V AC (16...420Hz) or DC
Resolution – Accuracy	1V +/- (1%R + 3cts)

#### Automatic capacitance test

Range	0.005...4.999µF
Resolution · Accuracy	1nF +/- (10%R + 1cts)

#### Other specifications

Memory	-	memorisation of measurements
Supply	8 x LR14 batteries	“Mains 85 V-256 V 50/60 Hz or rechargeable battery (internal charger)”
Dimensions (W x H x D)	240 x 185 x 110	
Weight	3.4 kg (including batteries)	

#### Provided accessories

2 high voltage safety test leads, 1 high voltage safety guard lead, 3 crocodile clips, 1 test probe, 1 carrying bag.

#### Options

Software for SE6543 only.

#### Calibration

See calibration page to know available kits.

#### ISO 9001 CERTIFIED MANUFACTURER

#### SEFELEC

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