



# Model 9000 MF

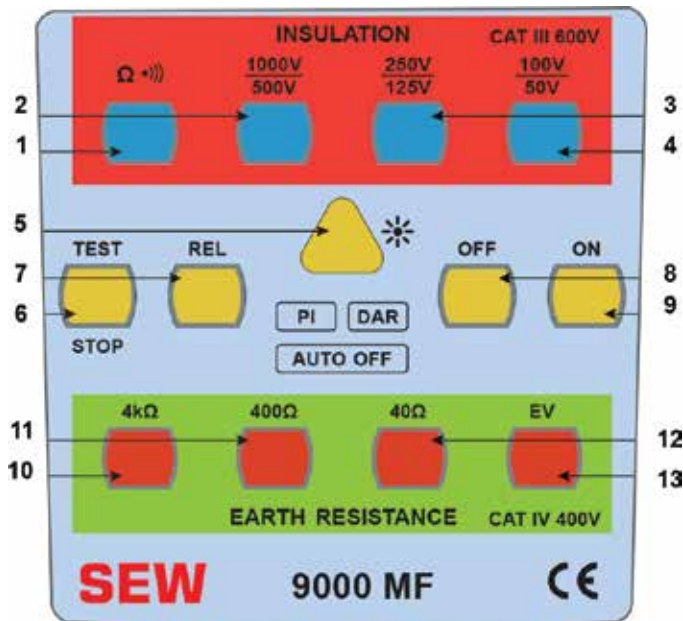
## Insulation & Earth Resistance Multifunction Tester



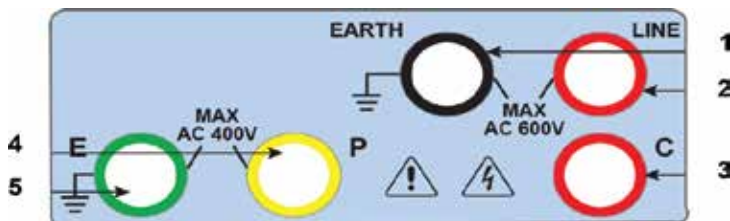
### Features

- 9000 MF multi-function tester is a combination of insulation tester and earth resistance tester
- Insulation output voltage : 50V, 100V, 125V, 250V, 500V, 1000V
- 1mA test current on insulation test at nominal voltage
- Auto-detection AC/DC voltmeter
- Continuity short-circuit current > 200mA
- Continuity open circuit voltage > 4.1V
- PI and DAR indication
- Maximum insulation range 8GΩ ( 8000MΩ ) at 1000V
- Auto ranging on all insulation ranges
- Continuity range : 2000Ω and 200.0Ω (auto ranging )
- Auto power off
- Test frequency of earth resistance measurement : 128 Hz
- Earth resistance measurement for 3 ranges : 40Ω / 400Ω / 4kΩ
- Earth resistance resolution : 0.01Ω / 0.1Ω / 1Ω
- Earth voltage measurement : 400V
- Auto-null ( Relative mode ) function
- Backlight function
- Low battery

### Instrument Layout



- ① Continuity button
- ② 1000V/500V button
- ③ 250V/125V button
- ④ 100V/50V button
- ⑤ BACKLIT button
- ⑥ TEST/STOP button
- ⑦ REL button
- ⑧ Power OFF button
- ⑨ Power ON button
- ⑩ 4kΩ button
- ⑪ 400Ω button
- ⑫ 40Ω button
- ⑬ EV (Earth Voltage) button



- ① Earth terminal for insulation test
- ② LINE terminal for insulation test
- ③ C terminal for earth resistance test
- ④ P terminal for earth resistance test
- ⑤ E terminal for earth resistance test



# Model 9000 MF

## Insulation & Earth Resistance Multifunction Tester

### Specifications

#### Earth Resistance

Measuring ranges	Earth resistance: 0~40Ω / 0~400Ω / 0~4kΩ Earth voltage: AC 0~400V (10~999Hz)   DC 0~400V
Accuracy	± (2.0%+3dgt)

#### Insulation

Test voltage(DC V)	Ω	1000V/500V	250V/125V	100V/50V
Measuring ranges	2kΩ	8GΩ/4GΩ	2GΩ/1GΩ	800/400MΩ
Accuracy	± (2.0% + 3dgt)	0-4GΩ: ±(3.0% + 3dgt) 4-8GΩ: ±(5.0% + 3dgt)		

Output voltage on open circuit	Rated test voltage +15%			
Short circuit terminal current	> 200mAdc > 1mAdc			
AC voltage ranges	30~600V ± (2.0% + 3dgt)			
Frequency ranges	10~999Hz ± (2.0% + 3dgt)			
DC voltage ranges	30~600V ± (2.0% + 3dgt)			

#### General

Protection fuse	500mA / 600V , 5x20mm x 2
Dimensions	322(L) × 260(W) × 135(D)mm
Weight	Approx. 3300g (battery included)
Power source	1.5V "C" battery × 8
Safety standard	EN 61010-1 EN 61326-1 EN 61557-1 EN 61557-2 EN 61557-5 For installation tester: CAT III 600V For earth resistance tester: CAT IV 400V



### Accessories

- Instruction manual
- Test leads for earth resistance: Red-15m, yellow-10m, green-5m,
- Test leads for insulation: red-90cm, black-90cm
- Simplified measurement probe
- Auxiliary earth spikes
- Shoulder belt
- Soft pouch
- Batteries



TEL-AL28-5



AL-33



TEL-1505 S



AL-36



BET-9000 A



CAC-9000 SEW