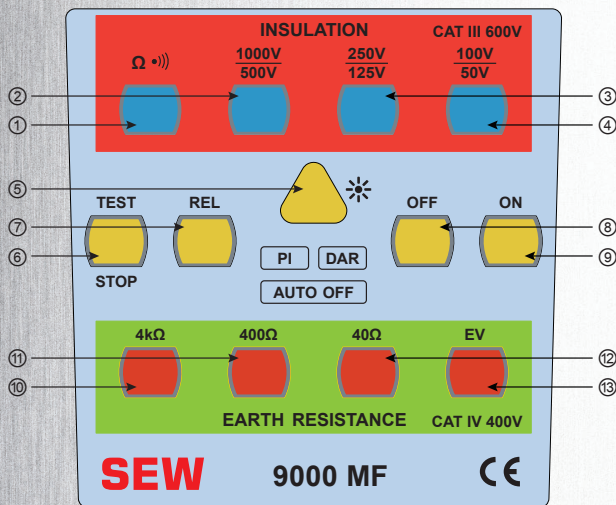


MULTI-FUNCTION TESTER (INSULATION & EARTH RESISTANCE)

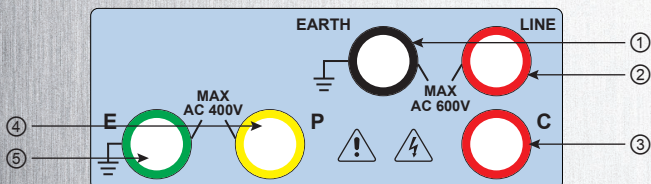


- 9000 MF multi-function tester is a combination of insulation tester and earth resistance tester
- Insulation output voltage : 50V, 100V, 125V, 250V, 500V, 1000V
- 1mA test current on insulation test at nominal voltage
- Auto-detection AC/DC voltmeter
- Continuity short-circuit current > 200mA
- Continuity 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 (40 ~ 500 Hz)
- Auto-null (Relative mode) function
- Backlight function
- Low battery indication

INSTRUMENT LAYOUT



- ① Continuity (Ω , \bullet) 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 4k Ω button
- ⑪ 400 Ω button
- ⑫ 40 Ω 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



SPECIFICATIONS

Earth resistance

Measuring ranges	<ul style="list-style-type: none"> • Earth resistance: 0~40Ω / 0~400Ω / 0~4kΩ • Earth voltage: AC 0~400V (10~999Hz) DC 0~400V
Accuracy	$\pm (2.0\% + 3\text{dgt})$

Insulation

Test range (DCV)	Ω	1000V/500V	250V/125V	100V/50V
Measuring ranges	2k Ω	8G Ω /4G Ω	2G Ω /1G Ω	800/400M Ω
Accuracy	$\pm (2.0\% + 3\text{dgt})$	0-4G Ω : $\pm (3.0\% + 3\text{dgt})$ 4-8G Ω : $\pm (5.0\% + 3\text{dgt})$		
Output voltage on open circuit	Rated test voltage +15%			
Short circuit terminal current	> 200mAdc	> 1mAdc		
AC voltage ranges	30~600V $\pm (2.0\% + 3\text{dgt})$			
Frequency ranges	10~999Hz $\pm (2.0\% + 3\text{dgt})$			
DC voltage ranges	30~600V $\pm (2.0\% + 3\text{dgt})$			

Protection fuse	500mA / 600V , 5x20mm x 2
Dimensions	322(L) x 260(W) x 135(D)mm
Weight (battery included)	Approx. 3300g
Power source	1.5V "C" battery x 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