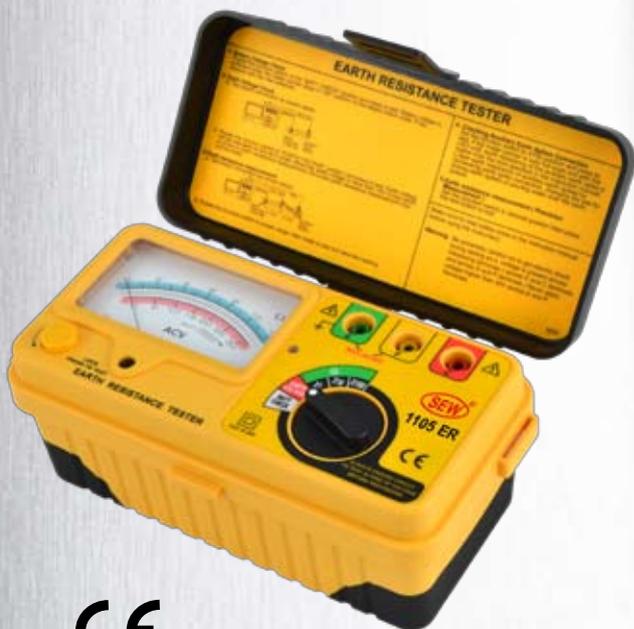




ANALOGUE EARTH RESISTANCE TESTER



CE



- Capable of measuring earth voltage.
- 2mA measuring current permits the testing of earth resistance without tripping earth leakage current breakers in the circuit under test.
- In addition to facilitating for precision measurement, test leads for simplified two-wire measuring system also are supplied as standard accessories.
- Battery operated.
- Battery life indicator.
- Designed to meet IEC / EN 61010-1 EN 61326-1 safety standard.
- Calibration performed with supplied test leads.

Earth Resistance measurement ranges:
0-12 Ω , 0-120 Ω , 0-1200 Ω

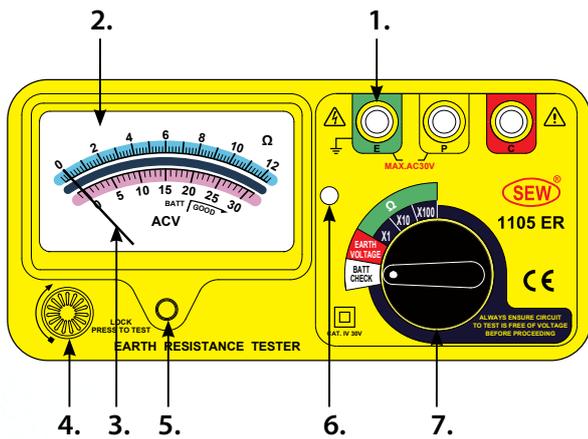


STANDARD ELECTRIC WORKS CO., LTD.
www.sew.com.tw

Model
1105 ER

<http://www.51082245.com/sew.htm>

+ Instrument Layout



- | | |
|----------------|----------------------|
| 1. Terminal | 5. Zero adjust screw |
| 2. Scale | 6. LED |
| 3. Pointer | 7. Function switch |
| 4. Test Button | |

ANALOGUE EARTH RESISTANCE TESTER



FEATURES

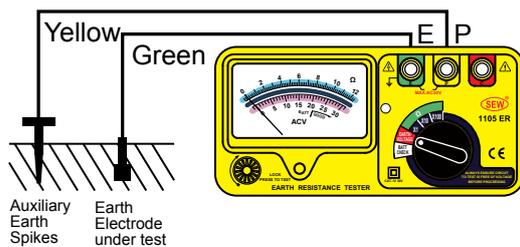
- Capable of measuring earth voltage.
- 2mA measuring current permits the testing of earth resistance without tripping earth leakage current breakers in the circuit under test.
- In addition to facilitating for precision measurement, test leads for simplified two-wire measuring system also are supplied as standard accessories.
- Battery operated.
- Battery life indicator.
- Designed to meet IEC / EN 61010-1 EN 61326-1 safety standard.
- Calibration performed with supplied test leads.

SPECIFICATIONS

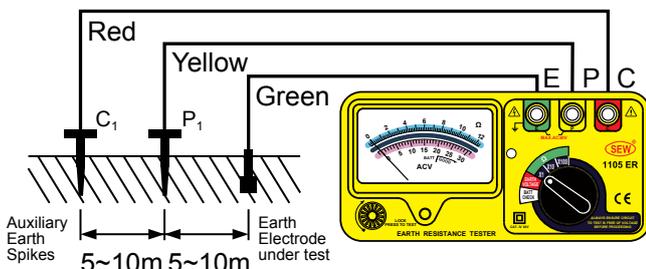
Measuring Ranges	Earth Resistance: 0~12Ω / 0~120Ω / 0~1200Ω Earth Resistivity: 0-30V ac (40-500Hz)
Accuracy	Earth Resistance: ±3% of full scale Earth Voltage: ±2.5% of full scale
Measurement System	Earth resistance by constant current inverter (Square Signal) 820Hz approx. 2mA
Power Source	1.5V (AA) x 8 or equivalent
Dimensions	175(L) x 85(W) x 75(D)mm
Weight	Approx. 600g (battery included)
Accessories	Test leads (AL-36: red-15m, yellow-10m, green-5m) Simplified measurement probe. (AL-33) Auxiliary earth spikes Shoulder belt Instruction manual Batteries

+ Measuring methods

Earth Voltage Check



Earth resistance measurement



Simplified earth resistance measurement

