

Earth Testers

MODEL 4105A

4105A Soft Case Model
4105A-H Hard Case Model

- Dust and drip proof.(designed to IEC 529 IP54)
- In addition to the facility for precision measurement, test leads for simplified two wire measuring system also supplied as standard accessories.
(unit can be hung from the neck for simplified measurement)
- Designed to meet IEC 61010-1 safety standard.
- Capable of measuring earth voltage.
- Automatic warning when resistance of auxiliary earth spikes is in excess of tolerance.
- Small and lightweight. Shock resistant new case material.
- 2mA measuring current permits earth resistance tests without tripping earth leakage current breakers in the circuit under test.





4105A Soft Case Model



4105A-H Hard Case Model

Measurement Ranges	Earth Resistance: 0~20Ω/0~200Ω/0~2000Ω Earth Voltage [50,60Hz]: 0~200V AC
Accuracy	Earth Resistance: $\pm 2\% \text{rdg} \pm 0.1\Omega$ (20Ωrange) $\pm 2\% \text{rdg} \pm 3 \text{dgt}$ (200Ω/2000Ωrange) Earth Voltage: $\pm 1\% \text{rdg} \pm 4 \text{dgt}$
Overload Protection	Earth Resistance: 280V AC for 10 seconds across 2 of the 3 terminals Earth Voltage: 300V AC for 1 minute
Safety Standard	IEC 61010-1 CAT.III 300V Pollution Degree 2, IEC 61557
Applicable Standards	IEC 60529 IP54
Withstand Voltage	3700V AC for 1 minute
Power Source	R6P (AA) (1.5V) × 6
Dimensions	105(L) × 158(W) × 70(D)mm
Weight	550g approx.
Accessories	7095A (Earth resistance test leads) × 1set (red-20m, yellow-10m, green-5m) 8032 (Auxiliary earth spikes) × 1set 7127A (Simplified measurement probe) × 1set R6P (AA) × 6 Neck strap Instruction Manual Carrying Case: 9084 (Soft case) : 9165 (Hard case)
Optional	7100A (Precision measurement cord set)