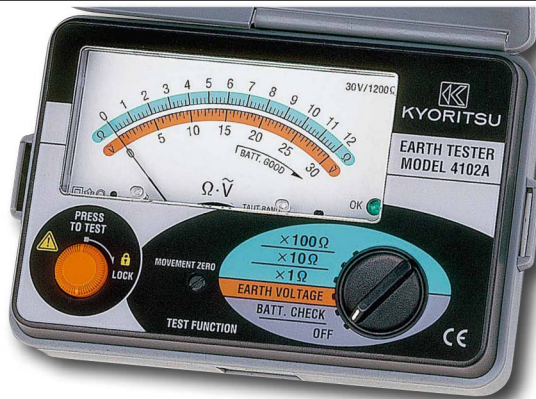


EARTH TESTERS

MODEL 4102A



CE

MODEL 4105A



CE

Features (4102A/4105A)

- 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)
- The latest circuit design permits the instrument to operate with the minimum of influence from earth voltage and earth resistance of auxiliary earth spikes.
- Dust and drip proof. (designed to IEC 529 IP54)
- Earth resistance value can be read directly from the scale.
- Designed to meet IEC61010-1 safety standard.
- Capable of measuring earth voltage.
- 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.
- Lead wire connection to C and P terminals and proper auxiliary earth resistance can be checked by "OK" lamp. Lead wire connection to C and E terminals is good when "OK" lamp is illuminated. (4102A)

Optional Accessories

MODEL 7100A



Precision measurement cord set
(7095A, 8032, 8200-03, 9091)



MODEL 7095A

Test leads for earth resistance



MODEL 8032

Auxiliary earth spikes
[2 spikes/1set]



MODEL 8200-03

Cord reels[3 pcs]



MODEL 9091

Carrying case for cord reels

| | 4102A/4102A-H |
|----------------------|---|
| Measurement ranges | Earth resistance : 0~12Ω /0~120Ω /0~1200Ω Earth voltage[50,60Hz] : 0~30V AC |
| Accuracy | Earth resistance: ±3% of full scale Earth voltage: ±3% of full scale |
| Overload protection | Earth resistance : 276V AC for 10 seconds across 2 of the 3 terminals Earth voltage : 276V AC for 1 minute |
| Applicable standards | IEC 61010-1 CAT. III 300V Pollution degree 2 IEC 61557-1,5 IEC 61010-031 IEC 60529(IP54) |
| Power source | R6P(AA)(1.5V) × 6 |
| Dimensions | 105(L) × 158(W) × 70(D)mm |
| Weight | 600g approx. |
| Accessories | 7095A(Earth resistance test leads) × 1set(red-20m, yellow-10m, green-5m) 8032(Auxiliary earth spikes[2 spikes/set]) × 1set 7127A(Simplified measurement probe) × 1set R6P(AA) × 6, 9121(Shoulder strap), Instruction manual Carrying case : 9084(Carrying case[Soft]) : 9164(Carrying case[Hard]) |
| Optional | 7100A(Precision measurement cord set) |

MODEL 4102A Soft case model
MODEL 4102A-H Hard case model

| | 4105A/4105A-H |
|----------------------|---|
| Measurement ranges | Earth resistance : 0~20Ω /0~200Ω /0~2000Ω Earth voltage[50,60Hz] : 0~200V AC |
| Accuracy | Earth resistance : ±2%rdg±0.1(20Ω range) ±2%rdg±3dgt(200/2000Ω range) Earth voltage : ±1%rdg±4dgt |
| Overload protection | Earth resistance : 280V AC for 10 seconds across 2 of the 3 terminals Earth voltage : 300V AC for 1 minute |
| Applicable standards | IEC 61010-1 CAT. III 300V Pollution degree 2 IEC 61557-1,5 IEC 61010-031 IEC 60529(IP54) |
| 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[2 spikes/set]) × 1set 7127A(Simplified measurement probe) × 1set R6P(AA) × 6, 9121(Shoulder strap), Instruction manual Carrying case : 9084(Carrying case[Soft]) : 9165(Carrying case[Hard]) |
| Optional | 7100A(Precision measurement cord set) |

MODEL 4105A Soft case model
MODEL 4105A-H Hard case model



Soft case model



Hard case model