



KYORITSU

**NEW**

## Earth Resistance Tester Series are small, lightweight and dust & drip-proof.

### Earth Tester

MODEL 4102A



### Digital Earth Tester

MODEL 4105A



MODEL 4102A  
Soft Case Model

MODEL 4102A-H  
Hard Case Model

MODEL 4105A  
Soft Case Model

MODEL 4105A-H  
Hard Case Model



MODEL 4102A-H  
(Hard Case Model)

- Dust and drip proof. (Designed to IEC60529 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 IEC61010-1, IEC61557 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 and taut-band movement.
- 2mA measuring current permits earth resistance tests without tripping earth leakage current breakers in the circuit under test.

**KEW EARTH**

**MODEL 4102A-4105A**



## INSTRUMENT LAYOUT

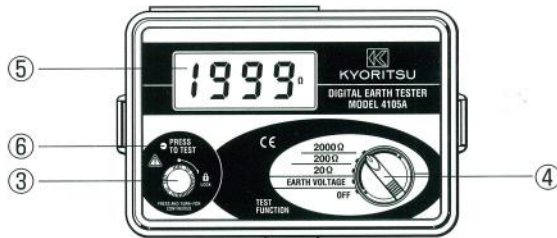
### Earth Tester

#### MODEL 4102A



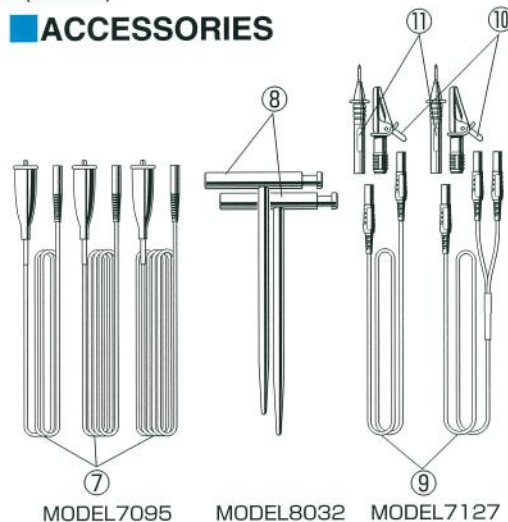
### Digital Earth Tester

#### MODEL 4105A



- ① Scale Board
- ② OK Lamp
- ③ Press To Test Button
- ④ Range Selector Switch
- ⑤ LCD Display
- ⑥ Indication LED With Measurement (Green)
- ⑦ Test Leads
- ⑧ Auxiliary Earth Spikes
- ⑨ Simplified Measurement Probe
- ⑩ Safety Alligator Clip
- ⑪ Test Bar

## ACCESSORIES



## SPECIFICATIONS

	Model 4102A/4102A-H	Model 4105A/4105A-H
Measurement Ranges	Earth Resistance: 0-12 Ω/0-120 Ω/0-1200 Ω Earth Voltage (50,60Hz): 0-30V AC	Earth Resistance: 0-20 Ω/0-200 Ω/0-2000 Ω Earth Voltage (50,60Hz): 0-200V AC
Accuracy	Earth Resistance: ±3% of full scale Earth Voltage: ±3% of full scale	Earth Resistance: ±2%rdg ± 0.1 Ω (20 Ω range) ± 2%rdg ± 3dgt (200 Ω/2000 Ω range) Earth Voltage: ± 1%rdg ± 4dgt
Overload Protection	Earth Resistance: 276V AC for 10 seconds across 2 of the 3 terminals Earth Voltage: 276V AC for 1 minute	Earth Resistance: 280V AC for 10 seconds across 2 of the 3 terminals Earth Voltage: 300V AC for 1 minute
Safety Standard	IEC61010-1 CAT. III 300V Pollution Degree 2, IEC61557	
Applicable Standards	IEC60529 IP54	
Withstand Voltage	3700V AC for 1 minute	
Power Source	R6P(AA) (1.5V) × 6	
Dimensions	105(L) × 158(W) × 70(D)mm	
Weight	600g approx.	550g approx.
Accessories	7095 (Test Leads) × 1 set (red-20m, yellow-10m, green-5m) 8032 (Auxiliary earth spikes) × 1 set 7127 (Simplified measurement probe) × 1 set R6P(AA) × 6, Neck strap, Instruction Manual	

### Carrying Case

Soft Case (4102A, 4105A)

Hard Case (4102A-H, 4105A-H)



## Safety Warnings

Please read the "Safety Warnings" in the instruction manual supplied with the instrument thoroughly and completely for correct use. Failure to follow the safety rules can cause fire, trouble, electrical shock, etc. Therefore, make sure to operate the instrument on a correct power supply and voltage rating marked on each instrument.

\*The contents of this catalogue may be subject to change without notice.

## DISTRIBUTOR



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