





ISO 9001/EN 29001/BS 5750 APPROVED BY BVQI

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



- 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.

MODEL 4102A-4105A

KYORITSU ELECTRICAL INSTRUMENTS WORKS,LTD.

INSTRUMENT LAYOUT

Earth Tester

MODEL 4102A

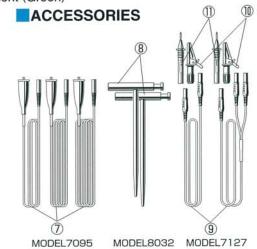


Digital Earth Tester

MODEL 4105A



- ① Scale Board
- ② OK Lamp
- ③ Press To Test Button
- ⑤ LCD Display
- 7 Test Leads
- Auxiliary Earth Spikes
- 9 Simplified Measurement Probe
- 11) Test Bar
- 6 Indication LED With Measurement (Green)



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 Earth Voltage(50,60Hz):0-200V AC	Ω
Accuracy	Earth Resistance: ±3% of full scale Earth Voltage: ±3% of full scale	Earth Resistance: $\pm 2\%$ rdg $\pm 0.1\Omega$ (20 Ω ra $\pm 2\%$ rdg ± 3 dgt (200 Ω /2000 Ω range) Earth Voltage: $\pm 1\%$ rdg ± 4 dgt	inge)
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	Ř.
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) × 1set(red-20m,yellow-10m,gre	en-5m) Carrying Case	
	8032(Auxiliary earth spikes) ×1set 7127(Simplified measurement probe) ×1set R6P(AA)×6, Neck strap, Instruction Manual	Soft Case (4102A,4105A) Hard Case (4102A-H,4105A	-H)



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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