

KEW DIGITAL EARTH TESTERS

MODEL 4105A

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



The Kyoritsu's range of earth resistance testers have been enjoying worldwide popularity and longtime sales as a high quality and high performance test instrument. Our original constant current circuit to minimize the effect of commercial frequencies and a synchronous rectifying circuit always ensure a stable instrument performance. Advanced functions include self-check of the resistance of auxiliary earth spikes and testing of earth voltage, etc. All of these features ensure trouble free operation in the field.

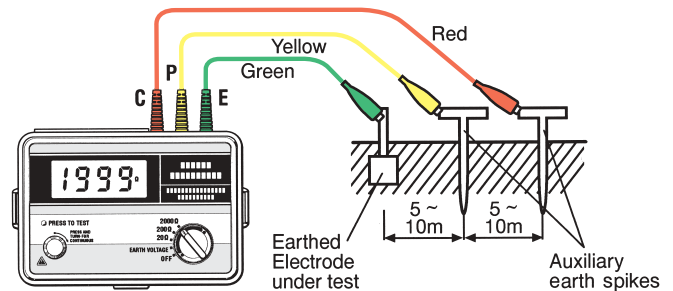
Features

- 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 IEC61010-1 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.

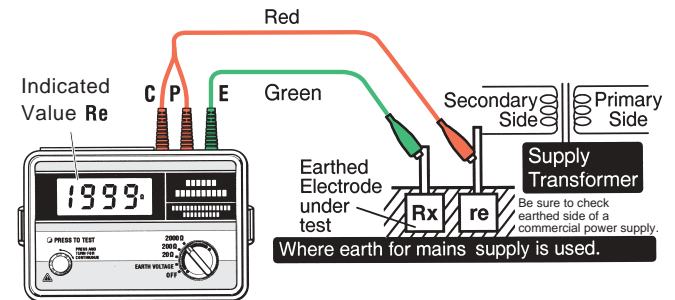
Specifications

	Model 4105A/4105A-H			
Measurement Ranges	Earth Resistance:0-20 Ω/0-200 Ω/0-2000 Ω Earth Voltage(50,60Hz):0-200V AC			
Accuracy	Earth Resistance:±2%rdg±0.1Ω(20Ωrange) ±2%rdg±3dgt(200Ω/2000Ωrange) 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			
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	550g approx.			
Accessories	7095(Test Leads)×1set(red-20m, yellow-10m, green-5m) 8032(Auxiliary earth spikes)×1set 7127(Simplified measurement probe)×1set R6P(AA)×6, Neck strap, Instruction Manual			
	<table border="1"> <tr> <td>Carrying Case</td> </tr> <tr> <td>Soft Case (4105A)</td> </tr> <tr> <td>Hard Case (4105A-H)</td> </tr> </table>	Carrying Case	Soft Case (4105A)	Hard Case (4105A-H)
Carrying Case				
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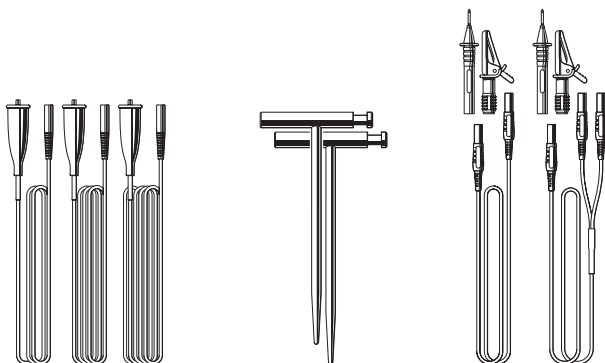
Precision Earth Resistance Measurement



Simplified Earth Resistance Measurement



Accessories



■ Model 7095 ■ Model 8032 ■ Model 7127