

MODEL 4102A

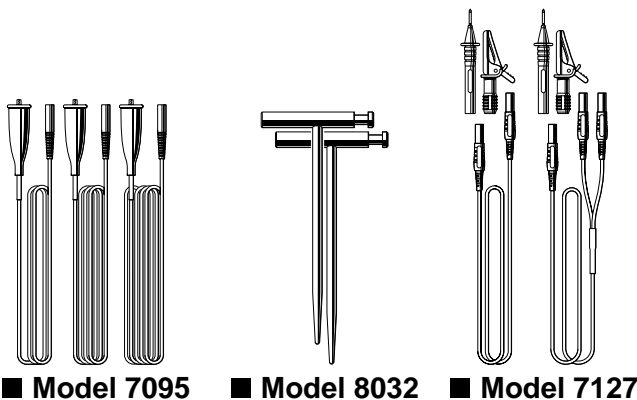
MODEL 4102A Soft Case Model
MODEL 4102A-H Hard Case Model



Specifications

	Model 4102A/4102A-H
Measurement Ranges	Earth Resistance: 0-12 Ω /0-120 Ω /0-1200 Ω Earth Voltage(50,60Hz): 0-30V AC
Accuracy	Earth Resistance: $\pm 3\%$ of full scale Earth Voltage: $\pm 3\%$ 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
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) $\times 6$
Dimensions	105(L) \times 158(W) \times 70(D)mm
Weight	600g approx.
Accessories	7095(Test Leads) \times 1set(red-20m, yellow-10m, green-5m) 8032(Auxiliary earth spikes) \times 1set 7127(Simplified measurement probe) \times 1set R6P(AA) $\times 6$, Neck strap, Instruction Manual
	<div>Carrying Case</div> <div>Soft Case (4102A)</div> <div>Hard Case (4102A-H)</div>

Accessories



■ Model 7095

■ Model 8032

■ Model 7127

Features

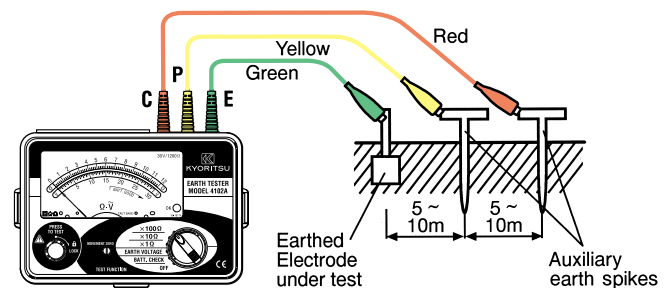
- The latest circuit design permits the instrument to operate with the minimum of influence from earth voltage and earth resistance of auxiliary earth spikes.
- Low power consumption. Only 12V/100mA max.
- Earth resistance value can be read directly from the scale.
- Simplified measurement can be easily made by pressing the "Simplified Meas." switch button only. No need to use a shorting wire as terminals P and C can be internally shorted by pressing this switch.
- Battery replacement can be easily made without removing the carrying case.
- 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.



MODEL 4102A-H Hard Case Model

Earth Resistance Measurement

Press a desired range switch button first and then "MEAS." button.



Simplified Measurement Method Using Earthed Side of Commercial Power Supply

Press a desired range switch button first and then "SIMPLIFIED MEAS." button.

