

## MODEL 4102A

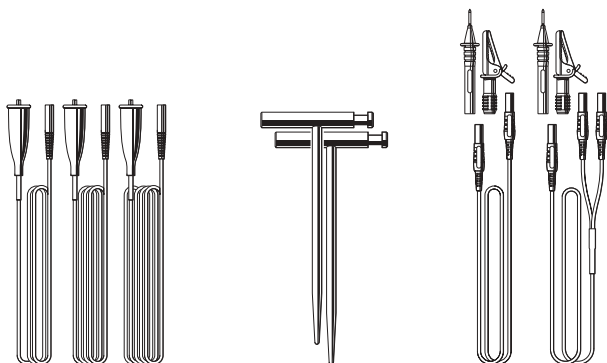
MODEL 4102A Soft Case Model  
 MODEL 4102A-H Hard Case Model



## 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: ±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			
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.			
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 (4102A)</td> </tr> <tr> <td>Hard Case (4102A-H)</td> </tr> </table>	Carrying Case	Soft Case (4102A)	Hard Case (4102A-H)
Carrying Case				
Soft Case (4102A)				
Hard Case (4102A-H)				

## Accessories



■ Model 7095 ■ Model 8032 ■ Model 7127

## Features

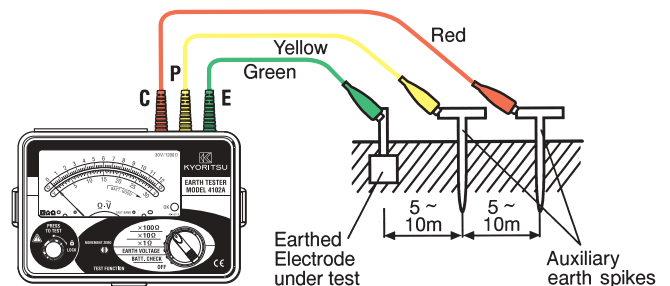
- The latest circuit design permits the instrument to operate with the minimum of influence from earth voltage and earth resistance of auxiliary earth spikes.
- Dust and drip proof. (designed to IEC 529 IP54)
- Earth resistance value can be read directly from the scale.
- Designed to meet IEC61010-1 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.



## 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.

