



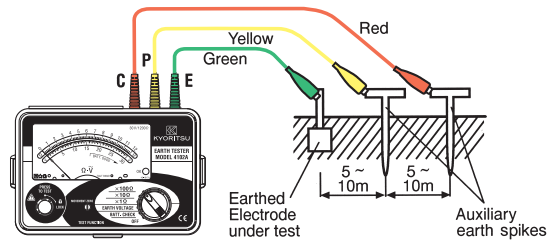
	4102A/4102A-H
Measurement ranges	Earth resistance : 0 - 12Ω / 0 - 120Ω / 0 - 1200Ω Earth voltage[50,60Hz] : 0 - 30V AC
Accuracy	Earth resistance: ±3% of full scale Earth voltage: ±3% of full scale
Overload protection	Earth resistance : 276V AC for 10 seconds across 2 of the 3 terminals Earth voltage : 276V AC for 1 minute
Applicable standards	IEC 61010-1 CAT III 300V Pollution degree 2 IEC 61557-1,5 IEC 60529(IP54)
Power source	R6(AA)(1.5V) × 6
Dimensions	105(L) × 158(W) × 70(D)mm
Weight	600g approx.
Accessories	7095A(Earth resistance test leads) × 1set(red-20m, yellow-10m, green-5m) 8032(Auxiliary earth spikes[2 spikes/set]) × 1set 7127A(Simplified measurement probe) × 1set R6(AA) × 6, 9121(Shoulder strap), Instruction manual Carrying case : 9084(Carrying case[Soft]) : 9164(Carrying case[Hard])
Optional	7100A(Precision measurement cord set)

MODEL 4102A Soft case model
MODEL 4102A-H Hard case model

Measurement of the earth electrode resistance (3-Pole method)

[MODEL 4102A/KEW 4105A]

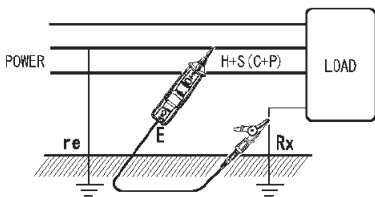
The international standard IEC 60364-6 provides information regarding the measurement of the resistance of an earth electrode for TT, TN and IT systems. This measurement shall be made by the Volt-Amperometric method using two auxiliary earth electrodes. The instrument that covers this requirement is the Earth Tester.



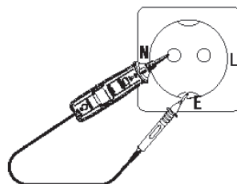
Precise Measurement (with Test lead M-7095A)

Measurement of the simplified earth resistance (2-Pole method)

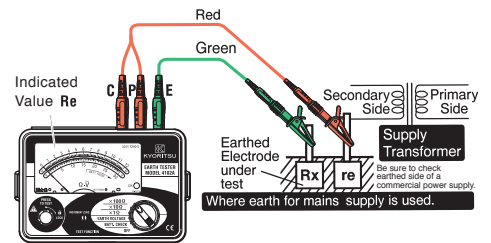
[KEW 4300/MODEL 4102A/KEW 4105A]



Measuring the earth resistance of load



Measuring the earth resistance of wall socket



Simplified Measurement (with Test lead M-7127A)

