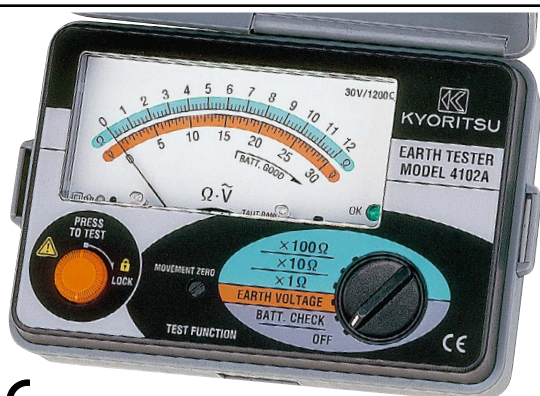


## EARTH TESTERS

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



CE

	4102A/4102A-H		
Earth resistance measurement	$\times 1\Omega$ Range	$\times 10\Omega$	$\times 100\Omega$
Measuring range	0 - 12 $\Omega$	0 - 120 $\Omega$	0 - 1200 $\Omega$
Accuracy	$\pm 3\%$ of full scale		
Earth voltage measurement			
Measuring range	0 - 30 V AC (50/60Hz)		
Accuracy	$\pm 3\%$ of full scale		
Overload protection	Earth resistance : 276V AC/DC (10 seconds) Earth voltage : 276V AC/DC (10 seconds)		
Applicable Standards	IEC 61010-1 CAT III 300V Pollution degree 2 IEC 61010-2-030, IEC 61557-1, 5, IEC 60529(IP54)		
Power source	R6(AA)(1.5V) $\times 6$		
Dimension	105(L) $\times$ 158(W) $\times$ 70(D) mm (including case lid)		
Weight	Approx. 600g (including batteries and case lid)		
Accessories	7095A(Earth resistance test leads (Red 20m, Yellow 10m, Green 5m/1set)) 7127B(Simplified measurement probe) 8032(Auxiliary earth spikes[2spikes/1set]), 9121(shoulder strap) R6(AA) $\times 6$ , Instruction manual 9084(Carrying case for 4102A), 9164(Carrying case [Hard] for 4102A-H)		
Optional Accessories	7245A(Precision measurement cord set) 8259(Adapter for measurement terminal)		

**KEW 4105A** Soft case model  
**KEW 4105A-H** Hard case model



CE

	4105A/4105A-H		
Earth resistance measurement	20 $\Omega$	200 $\Omega$	2000 $\Omega$
Measuring range	0.00 - 1999 $\Omega$		
Display range	0.00 - 19.99 $\Omega$	0.0 - 199.9 $\Omega$	0 - 1999 $\Omega$
Accuracy	$\pm 2\%$ rdg $\pm 0.1 \Omega$	$\pm 2\%$ rdg $\pm 3$ dgt	
Earth voltage measurement			
Measuring range	0 - 200 V AC (50/60Hz)		
Display range	0.0 - 199.9 V		
Accuracy	$\pm 1\%$ rdg $\pm 4$ dgt		
Overload protection	Earth resistance : 280V AC (10 seconds) Earth voltage : 300V AC (1 minute)		
Applicable Standards	IEC 61010-1 CAT III 300V Pollution degree 2 IEC 61010-2-030, IEC 61557-1, 5, IEC 60529(IP54)		
Power source	R6(AA)(1.5V) $\times 6$		
Dimension	105(L) $\times$ 158(W) $\times$ 70(D) mm (including case lid)		
Weight	Approx. 550g (including batteries and case lid)		
Accessories	7095A(Earth resistance test leads (Red 20m, Yellow 10m, Green 5m/1set)) 7127B(Simplified measurement probe) 8032(Auxiliary earth spikes[2spikes/1set]), 9121(shoulder strap) R6(AA) $\times 6$ , Instruction manual 9084(Carrying case for 4105A), 9165(Carrying case [Hard] for 4105A-H)		
Optional Accessories	7245A(Precision measurement cord set) 8259(Adapter for measurement terminal)		

### Features(4102A/4105A)

- 3-Pole and 2-Pole Earth Resistance
- 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 60529 IP54)
- Earth resistance value can be read directly from the scale
- Designed to meet IEC 61010-1 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 (4102A only)



Soft case model

Hard case model

**COSINUS Messtechnik - Ihr Partner für Messlösung  
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