

# EARTH TESTERS

## MODEL 4102A



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 300 V Pollution degree 2 IEC 61010-2-030, IEC 61557-1, -5, IEC 60529 IP54		
Power source	R6(AA)(1.5V) $\times 6$		
Dimensions	105(L) $\times$ 158(W) $\times$ 70(H) 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]) 7127A(Simplified measurement probe), 8032(Auxiliary earth spikes[2 spikes/1set]), 9121(shoulder strap), R6(AA) $\times 6$ , Instruction manual Carrying case : 9084[Soft] : 9164[Hard]		
Optional	7100A(Precision measurement Cord set), 8259(Adapter for measurement terminal)		

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

## KEW 4105A



CE

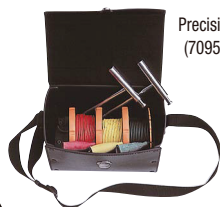
4105A/4105A-H			
Earth resistance measurement	20 $\Omega$	200 $\Omega$	2000 $\Omega$
Measuring range	0.00 - 1999 $\Omega$		
Display range	0.00 - 19.99 $\Omega$	0.0 - 199.9 $\Omega$	0 - 1999 $\Omega$
Accuracy	$\pm 2\%$ rdg $\pm 0.1 \Omega$	$\pm 2\%$ rdg $\pm 3$ dgt	
Earth voltage measurement			
Measuring 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 300 V Pollution degree 2 IEC 61010-2-030, IEC 61557-1, -5, IEC 60529 IP54		
Power source	R6(AA)(1.5V) $\times 6$		
Dimensions	105(L) $\times$ 158(W) $\times$ 70(H) 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]) 7127A(Simplified measurement probe), 8032(Auxiliary earth spikes[2 spikes/1set]), 9121(shoulder strap), R6(AA) $\times 6$ , Instruction manual Carrying case : 9084 [Soft] : 9165[Hard]		
Optional	7100A(Precision measurement Cord set), 8259(Adapter for measurement terminal)		

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

- 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)
- 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)

## Optional Accessories

### MODEL 7100A



Precision measurement cord set  
(7095A, 8032, 8200-03, 9091)



### MODEL 7095A

Test leads for earth resistance



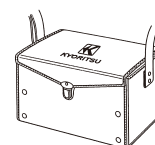
### MODEL 8032

Auxiliary earth spikes  
[2 spikes/1set]



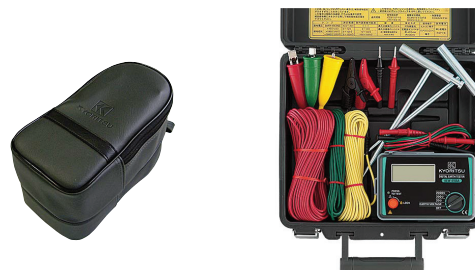
### MODEL 8200-03

Cord reels[3 pcs]



### MODEL 9091

Carrying case for cord reels



Soft case model

Hard case model