

Earth Ground Resistance Testers

Accuracy

 $\pm 2\%$ rdg $\pm 0.1\Omega$ ±2%rdg ±3dgts

±2%rdg ±3dgts

 $\pm 1.2\%$ rdg ± 10 dgts

±0.8%rdg ±3dgts

±1.0%rdg ±2dgts









EMC & LVD EN: 61326 EN: 61010-1, EN: 61010-02-031

> Double molded plastic housing CAT III 1000V

Electronic Digital Earth Resistance Tester is direct replacement of the conventional hand generator type tester. It is designed for measurement of the resistance of earthing used in the electrical equipment as well as for measurement of ground resistivity. It can be used for measurements of the other low regular and liquid resistances. It can also be used for measurement of voltage AC, voltage DC and resistance.

This instrument has wide application for testing earthing installation in power based industries, telecommunication networks and electrical traction systems etc.

Features Meets IEC10101, CATIII 1000V Large dual display with backlight & Low Battery Indication Test hold function for easy operation Zero Automatic adjustment Sampling Rate: 2.5 times per second Includes 6 "AA" batteries, test leads and carrying case

	Specifications				
R WAY ELCOM		Range	e Max Resolution Ac		
0 130 V P. EL COU	Earth resistance	10Ω	0.01Ω	±2°	
		100Ω	0.1Ω	±29	
		1000Ω	1Ω	±29	
	Voltage AC	750V	1V	±1.	
	Voltage DC	1000V	1V	±0.	
	Resistance	200kΩ	$0.1 \mathrm{k}\Omega$	±1.	
	Continuity Test	Active Sound Level: ≤40Ω, Test current ≤200mA			
	Operating Temp	0°C~40°C(<80%R.H.)			

Storage Temp

Power Source

Size(HxWxD): 200mm x 92mm x 50mm Accessories: Weight: 582g

-10°C~60°C(<70%R.H.)

1.5V "AA" battery x 6

Test leads and "AA" Battery x 6, Rubber holster, 4-wire cable and iron rod x 2, gift box with carrying case.

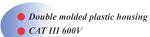
Model 5300B

ST-5301

LOOP/PSC Tester

Custom microprocessor controlled for highest accuracy and reliability

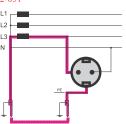
- 3 LEDs for checking correct wiring status
- 15mA LOOP measurement: LOOP impedance 2000Ω range measurement is carried out with low test current(15mA)
- Direct reading of Prospective Short Circuit Current(PSC)
- Safe voltage measurement function
- Large custom digital display readout on all models
- Measure low loop resistance (resolution of 0.01Ω)
- · Automatic lock-out if test resister overheats
- Visual indication of reversed phase and neutral wiring at socket





EMC & LVD

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Size(HxWxD): 200mm x 92mm x 50mm Weight: 582g

Accessories:

Model 5301

Test leads and "AA" Battery x 6, gift box with carrying case.

Specifications				
	Max Resolution	Accuracy		
Loop Impedance	$20/200/2000\Omega$	±2.5% rdg ±4dgts		
AC Test Current	$20\Omega \ 25A; 200\Omega \ 2.3A; 2000\Omega \ 15mA$	±2%rdg ±5dgts		
AC Test Period	20Ω 20ms; 200Ω 40ms; 2000 Ω 280ms	±2%rdg ±5dgts		
PSC	200A (2.3A 40ms); 2000A(25A 20ms);	Consider accuracy impedance		
	20KA (25A 20ms)			
Voltage	$50V \sim 250V$	±2%rdg ±5dgts		
Resistance	$0.1 \mathrm{k}\Omega$	±1.0%rdg ±2dgts		
Operating Voltage	230V + 10% - 15% (195V ~ 253V) 50Hz			
Safety Standard	IEC61010-1 CATIII 600V			