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

- Double molded plastic housing
- CAT III 1000V



Model 5300B



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

	Range	Max Resolution	Accuracy
Earth resistance	10Ω	0.01Ω	±2%rdg ±0.1Ω
	100Ω	0.1Ω	±2%rdg ±3dgts
	1000Ω	1Ω	±2%rdg ±3dgts
Voltage AC	750V	1V	±1.2%rdg ±10dgts
Voltage DC	1000V	1V	±0.8%rdg ±3dgts
Resistance	200kΩ	0.1kΩ	±1.0%rdg ±2dgts
Continuity Test	Active Sound Level: ≤40Ω, Test current ≤200mA		
Operating Temp	0°C~40°C(<80%R.H.)		
Storage Temp	-10°C~60°C(<70%R.H.)		
Power Source	1.5V "AA" battery x 6		

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

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

ST-5301

LOOP/PSC Tester

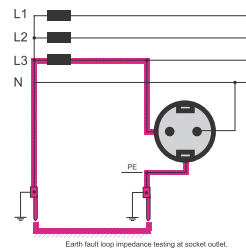
Custom microprocessor controlled for highest accuracy and reliability

- 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 resistor overheats
- Visual indication of reversed phase and neutral wiring at socket

- Double molded plastic housing
- CAT III 600V



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

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

Model 5301

Specifications

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