



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, tele-communication 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.

DT-5301
LOOP/PSC Tester

Custom microprocessor controlled for highest accuracy and reliability

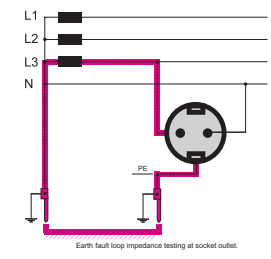
- 3 LEDs for checking correct wiring status
- 15mA LOOP measurement: LOOP impedance 2000Ω range measurement is carried out with low test current(15mA)
- Direct reading of Prospective Short Circuit Current(PSC)
- Safe voltage measurement function
- Large custom digital display readout on all models
- 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

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	

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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



- Double molded plastic housing
- CAT III 1000V



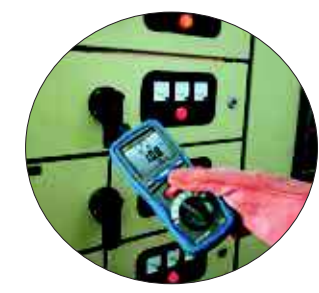
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Model 5554

Custom microprocessor controlled for highest accuracy and reliability

- Safe voltage measurement function
- Large custom digital display readout on all models
- Visual indication of reversed phase and neutral wiring at socket

Specifications			
Measurement specifications	Ranges	resolution	accuracy
Nominal test current	10/30/100/500mA/1A		(-2%+10%)+6Digits
Current selection	0.5x, 1x, 2x, 5x nominal current		
Trip time	10-2000 ms at 0.5x	1 ms	±(2%rdg. + 2Digits)
	10-500 ms at 1x		
	10-150 ms at 2x		
	10-40 ms at 5x		
Ramp test	0.4x to 1.4 times nominal rated current		10%
Mains voltage	230(+10%/-10%)V	1V	±(2%rdg. + 2Digits)



Size(HxWxD): 200mm x 92mm x 50mm
Weight: 582g
Accessories: Test leads and "AA" Battery x 6, gift box with carrying case.

DT-5302 DMM with Kelvin(4-wire) small resistance measurement

- Four terminal Kelvin measurement
- 4000 counts 3³/₄ digital LCD display with backlit
- High resolution to 0.1mΩ with test current to 200mA
- Low battery indication
- Over load protection on all ranges

- Double molded plastic housing
- CAT III 1000V

Features	
High accuracy, high resolution portable Milliohm Meter or field use	
Digital display 4000 counts	
Safety design	
Relative zero & Data Hold	
MAX/MIN recording mode	
Auto Power Off	
400mΩ Low Resistance & Wide 40mF capacitance range	
Diode Check & Continuity Test	

Specifications		
Function	Max. Range	Basic Accuracy
Low Resistance	400mΩ, 4Ω, 40Ω	±(1.0%+5d)
Voltage DC	1000 V	±(1.0%+2d)
Voltage AC	1000V	±(1.2%+5d)
Current DC	400mA	±(1.0%+2d)
Current AC	400mA	±(1.2%+5d)
Resistance	40MΩ	±(1.0%+5d)
Capacitance	40mF	±(3.0%+10d)

Size(HxWxD): 200mm x 92mm x 50mm
Weight: 582g
Accessories: Rubber holster, 4-wire cable and 6x1.5V "AA"battery, test leads, gift box with carrying case.



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Model 5302

