

Clamp on Earth Resistance Tester

Description

New generation clamp on earth resistance /ground resistance tester ,based on loop resistance principal that provides earth resistance measurements without any auxilary spike electrodes or unhooking ground earth wire. The unit simply hs to be clamped onto the ground wire or strip to obtain earth resistance value with high accuracy. The unit also measures leakage current.

Specification			
Function	Range	Resolution	Accuracy
Earth Resistance	0.010-0.099 Ω	0.001 Ω	± (1%+0.01Ω)
	0.10-0.0.99 Ω	0.01 Ω	± (1%+0.01Ω)
	1.0-49.9 Ω	0.1 Ω	± (1.5%+0.1Ω)
	50.0-99.5 Ω	0.5 Ω	± (2%+0.5Ω)
	100-199 Ω	1 Ω	± (3%+1Ω)
	200-395 Ω	5 Ω	± (6%+5Ω)
	400-590 Ω	10 Ω	± (10%+10Ω)
	600-1000 Ω	20 Ω	± (20%+20Ω)
Current	0-299mA	1mA	± (2.5%+5mA)
	0.30-2.99mA	10mA	± (2.5%+10mA)
	3.00-20 00mA	10mA	± (2.5%+20mA)

Features

Outer Magnetic Field	<40A/m
Outer Electric Field	<1V/m
Unit Measuring Time	1s
Measurement Resistance Frequency	>1KHz
Maximum ResistanceMeasurementResolution	0.001Ω
Measured Current Frequency	45~65Hz
Measured Data Storage	50 units
Setting Range of Resistance Alarm Critical Value	1-199Ω
Setting Range of Current Alarm Critical Value	1-499mA
Protection Scale	Double insulated
Operation Way	Auto Ranging
Width ofJaw	66mm
Display Backlight	√
Data hold/storage	√
Auto Power Off	√

General Characteristics

Power Source	1.5V Battery(AA)x4
Size	293x90x66 mm
Weight	Approx.1320g(including Battery)

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