

High-End Ideal Ground Resistance Clamp Meter

RDER2200

RDER2200 High-End Ideal Ground Resistance Clamp

Meter is applied to measure grounding resistance and the loop resistance (range: $0.010\ \Omega \sim 1500$); Leakage current measurement (Range: $0.000\text{mA} \sim 40.0\text{A}$). When measuring the earth system with a loop, there is no need to disconnect the grounding down lead, no need for an auxiliary electrode, and no need to clamp on the grounding



lead directly. Currently, the displayed value of the meter is the comprehensive value of the grounding resistance and the grounding down lead resistance. This measurement method can quickly and safely get the measurement results. RDER High-end Multifunction Clamp Earth Resistance Tester can measure the ground fault and be applied to occasions that traditional methods cannot measure. It is widely used for the earth resistance measurement of various equipment.



Product Features

1. The high-end ideal ground resistance clamp meter has different kinds of display combination modes that can choose to display the same screen with resistance + current, resistance time, current time,
2. Extensive measurement range and lower power consumption
3. Data storage: 999 groups
4. Nickel-metal hydride rechargeable battery
5. Supporting monitoring software with online real-time monitoring, historical query, software alarm setting, historical data reading, saving, reports, and other functions.



Product specifications and technical parameters

1. Technical Parameters two

Picture	
Model	RDER2200
Resistance Range	0.01Ω~1500Ω
Resistance Resolution	0.001Ω
Resistance Max Accuracy	±(1% + 0.01Ω)
Current Range	0.00mA~40.0A
Current Resolution	0.001mA
Current Max Accuracy	±(1.5% + 0.5mA)
Data Storage	999 groups
Interface	USB interface, software monitoring, data upload computer, dynamic display
Self-test Time	≤1s, Boot into the test mode quickly
Working Current	≤50mA
Operation Button	6 soft keys, better performance
Communication Cable length	1.5m(USB cable)
Clock Function	Display hour and minute
Audible and Visible Alarm	"Beep--beep--beep" alarm sound, press the AL key to turn on and off; LCD alarm flashing indication
Alarm threshold setting range	Resistance: 1~199Ω; Current: 1~499mA
power supply	3.7VDC (Rechargeable lithium batteries 2600mAh)
Auto Power Off	The instrument flashes 30S after 5 minutes without any operation, and then auto power off
Working Temperature	-20°C ~ 55°C; 10%~ 90%RH
LCD Size	47mm×28.5mm
Clamp Size	65mm×32mm
Clamp Opening Size	32mm

Tester Weight	1160g
Tester Size	285mm×85mm×56mm
Protection Level	Double insulation
Structural Features	Clamp CT
Shift	Auto Shift
External Magnetic Field, Electric Field	< 40A/m; < 1V/m
Single Measurement Time	0.5s
Resistance Measurement Frequency	> 1KHz
Measured Current Frequency	50/60Hz Auto

2. Measurement Range & Accuracy four

Model	RDER2200		
Measurement	Range	Resolution	Accuracy
Resistance	0.010Ω ~ 0.099Ω	0.001Ω	±(1%rdg+0.01Ω)
	0.10Ω ~ 0.99Ω	0.01Ω	±(1%rdg+0.01Ω)
	1.0Ω ~ 49.9Ω	0.1Ω	±(1%rdg+0.1Ω)
	50.0Ω ~ 99.5Ω	0.5Ω	±(1.5%rdg+0.5Ω)
	100Ω ~ 199Ω	1Ω	±(2%rdg+1Ω)
	200 Ω ~ 395 Ω	5 Ω	±(5%rdg+5 Ω)
	400 Ω ~ 590 Ω	10 Ω	±(10%rdg+10 Ω)
	600 Ω ~ 880 Ω	20 Ω	±(20%rdg+20 Ω)
	900 Ω ~ 1500 Ω	30 Ω	±(25%rdg+30 Ω)
Current	0.000mA~0.999mA	0.001mA	±(1.5%+0.5mA)
	1.00mA~9.99mA	0.01mA	±(2%+1mA)
	10.0mA~99.9mA	0.1mA	±(2.5%+5mA)
	100mA~299mA	1mA	±(2.5%+20mA)
	0.30A~2.99A	0.01A	±(2.5%+0.1A)
	3.0A~9.9A	0.1A	±(2.5%+0.3A)
	10.0A~19.9A	0.1 A	±(2.5%+0.5A)
	20.0A~40.0A	0.1 A	±(3%+1A)



Related Products



RDER2000+



RDER2000A+



RDER2000C+



RDER2100+



RDER2100A+



RDER2100C+



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