

Digital Clamp Earth Resistance Testers

Model: 6412D



Features

Model	6412D
Data hold	√
Time display	√
Display	Color LCD, 47mm×28.5mm
Clamp size	65mm×32mm
Clamp open size	28mm
Data storage	999 groups
Interface	USB, software monitoring
Alarm indication	"beep--beep--beep--"/ LCD light
Display Mode	Resistance + Current Resistance + Time Current + Time
Alarm setting range	Resistance:1-1500Ω, Current:1-9999mA
Auto Off	5 minutes without operation
Housing	Double insulation
Operation way	Auto range
Testing time	0.5s
Working current	≤50mA
Resistance frequency	> 1KHz
Working condition	-20°C-55°C;10%RH-90%RH

Specifications

Function	Range	Resolution	Accuracy
Resistance	0.010Ω-0.099Ω	0.001Ω	±(1% + 0.01Ω)
	0.10Ω-0.99Ω	0.01Ω	±(1% + 0.01Ω)
	1.0Ω-49.9Ω	0.1Ω	±(1% + 0.1Ω)
	50.0Ω-99.5Ω	0.5Ω	±(1.5% + 0.5Ω)
	100Ω-199Ω	1Ω	±(2% + 1Ω)
	200Ω-395Ω	5Ω	±(5% + 5Ω)
	400-590Ω	10Ω	±(10% + 10Ω)
	600Ω-880Ω	20Ω	±(20% + 20Ω)
Current (50/60Hz auto)	900Ω-1500Ω	30Ω	±(25% + 30Ω)
	0.00mA - 9.95mA	0.05mA	±(2.5% + 2mA)
	10.0mA -99.0mA	0.1mA	±(2.5% + 5mA)
	100mA -300mA	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)	

General Information

Model	6412D
Power supply	Rechargeable lithium batteries 2600mAh, 3.7V DC power adapter
Product color	Black + orange
Product size	285mm×85mm×56mm
Product weight	1160g
Standard accessories	Manual, battery, USB cable, software CD, verification resistor, tool case