



## Features :

- Two Three, AND Four Measurement
- Earth Resistance and Soil Resistivity Measurement
- Data Storage : 500 groups
- Range Automatic Shift
- Resistance Range :  $0.00\Omega \sim 30.00k\Omega$
- Soil Resistivity :  $0.00\Omega m \sim 9999k\Omega m$
- Use Voltage : below AC 600V
- Test Frequency : 128Hz





## Specification :

Function	Ground resistance test, ground voltage test, low value resistance test
Ground resistance Range	Ground resistance :0.00Ω-30.00kΩ ; Resolution: 0.01Ω; Accuracy: ±2%rdg±5dgt
Soil resistivity	:0.00Ωm-9999kΩm; Resolution:0.01Ωm; Accuracy: p=2πaR
Ground voltage Range	0.01V-600V AC ; Resolution:0.01V; Accuracy: ±1.5%rdg±3dgt
Base Condition	23C±5°C, below 75% rh (Auxiliary grounding resistance 100Ω±5%, ground voltage<10V)
Power Supply	1.5V (LR14) Alkaline Battery 6 Section
Backline	Controllable gray screen backlight, suitable for use in dim places
Measurement Mode	Precise three-wire measurement, simple two-wire measurement
Measurement Method	Grounding resistance: rated current change pole method, 128Hz; ground voltage: average value rectification
Short Circuit Test Current	AC 20mA Max
Open Circuit Test Voltage	AC 28V Max
Wire Resistance Check	Avoiding the errors caused by the test line not being fully inserted into the instrument interface or being in poor contact or replaced the extended test line by the user, to make the ground resistance measurement more accurate
LCD Dimension	108mm×65mm
Meter Dimension	L/W/H: 240mm×188mm×85mm
Test Line Length	3 strips: Red 15m, Yellow 10m, Green 5m each 1 strip
Simple Test Line	2 strips: yellow 1.5m, green 1.5m each 1 strip
Auxiliary Grounding Rod	2 roots
Measure Time	Ground voltage: about 3times/second; Grounding resistance: about 5 times/second
Line Voltage	Measure ground voltage: below AC 600V
Data Review	“MR” symbol indication when reviewing data
Overflow Display	Exceed measurement range overflow function: “OL ” symbol display
Alarm Function	Alarm when the measured value exceeds the alarm setting value
Automatic shut-down	“APO” instruction, automatic shutdown after 15 minutes boot
Power Consumption	Standby 40 mA Max (backlight off), turn on backlight: 43 mA Max, measure: 120 mA Max (backlight off)
Weight	Instrument: 1230g (including battery), test line: 610g (including simple test line), auxiliary grounding rod 360g (2 roots), instrument bag: 271g
Working Temperature and Humidity	-10°C~40C; below 80% rh
Storage Temperature and Humidity	-20°C~60C; below 70% rh
Overload Protection	Grounding resistance: AC280V/3 seconds between E-H and E-S ports
Insulation Resistance	Above 10MQ (500V between circuit and case)
Pressure Resistance	AC 3700V/rms(between circuit and outside)
Electromagnetic Properties	EC61010-4-3, radio frequency electromagnetic field ≤1V/m
Suitable for Safety Regulations	IEC61010-1, IEC1010-2-31, IEC61557-1, 5、 IEC60529 (IP54), pollution degree 2、 CAT III 300V

- Accessories:  
 Instrument  
 Batteries  
 4 Spikes  
 4 Spools of wire  
 Test Certificate  
 Carrying Case

