

Clamp Earth Ground Tester | CET180



CET180 Earth Clamp Meter, also called Loop Resistance Tester, is used for grounding resistance test. It has multiple functions such as clamping measurement, 3- or 4-wire measurement, voltage/current measurement, data storage/viewing, alarming, auto power of and more. With fast filtering technology employed, interference can be minimized.

The 3 or 4 wire measurement is suitable for accurate measurement of single point grounding systems. Designed with 2.4-inch color screen, CET180 is characterized by aesthetic appearance, easy to carry, wide range, high resolution, stable performance, strong anti-interference ability. It is mainly used to measure ground resistance of power distribution lines, gas stations, grounding grids, lightning rods, telecommunication, electric power, meteorology, oil fields and similar applications.

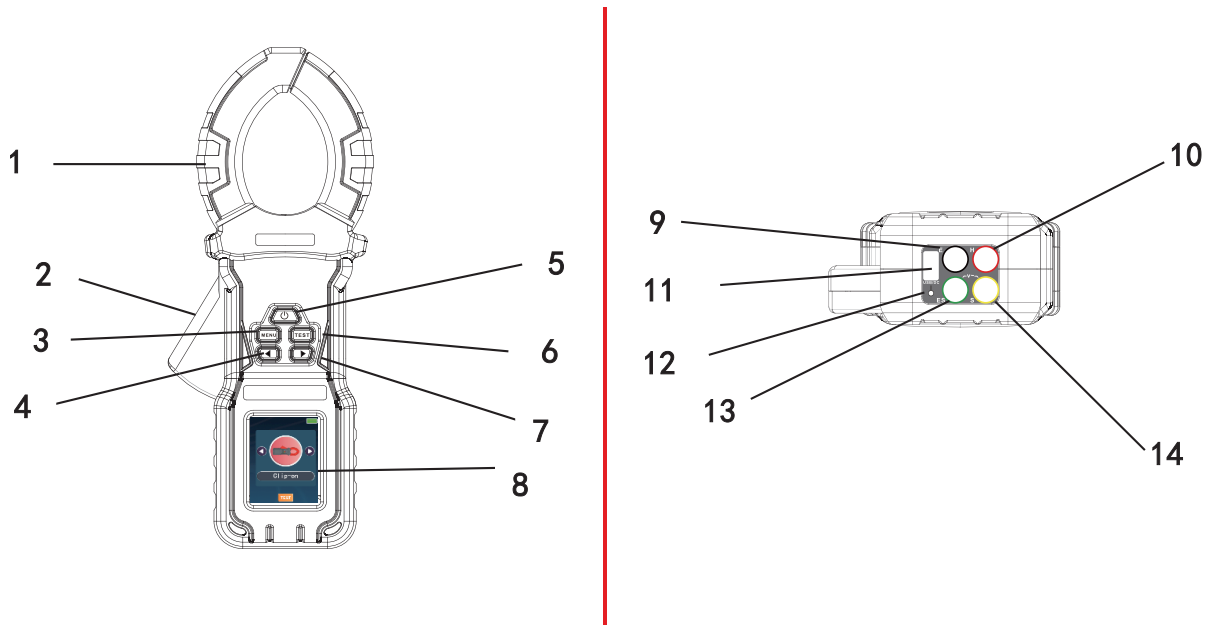
Features:

- Clamp on Earth Resistance measurement
- Direct 3 or 4 wire test cable based grounding measurement
- Leakage Current measurement
- Current measurement
- Grounding Voltage measurement
- Soil Resistivity measurement
- 2.4-inch color screen
- Alarm function
- USB data transfer of stored data
- Built-in rechargeable lithium battery



Structure

1. Clamp jaw
2. Trigger
3. Menu button
4. ▲button
5. Power Button
6. Test Button
7. ▼Button
8. Display Screen
9. E Terminal
10. H Terminal
11. USB interface
12. Charging Indicator
13. ES Terminal
14. S Terminal



Specifications :

Function	Range
Jaw Size	68mm
Auto Range	√
Earth Ground Resistance (Ω)	0.00-1800Ω
Leakage Current (A)	0.00A-50A
Current / Resistance / Voltage Resolution	0.001mA / 0.01 / 0.01V
3 or 4- Wire Method Resistance(Ω)	0.00 -30KΩ
Soil Resistance	0.00 -9999KΩ
Ground Voltage	600V
Withstand Voltage	AC 3700V/RMS (between circuit and case)
External Magnetic Field	<40A/m
External Electric Field	<1V/m
Alarm Function	Yes
Auto Power off	Around 15 Minutes
Single Measurement Time	1Second
Data Storage	500sets
General Characteristics	
Power	3.7V lithium battery; Rechargeable
Display	2.4 inch (46x29mm) color LCD
Product Net Weight	975g (including battery)
Product Size	273mmX106mmX53mm
Operating Storage/temperature	-10°C-50°C; -10°C-60°C
Data Download	Via USB to Software
Backlight After Display	√
Overload Protection	√
Applicable Safety Regulation	IEC61010-1; IEC61010-031; IEC61557-1(Ground resistance); II 300V, CAT IV 150V; Pollution degree: 2
Standard Accessories	USB Cable (1 nos) Test Cable (4 nos), Ground Rod (4nos), Test Range (1nos), Simple Test line (2nos) Power Adaptor (1nos)