

NEW

UT278C/D

Ground Pile Clamp Earth Resistance Tester

UT278C/D 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 off and more. With fast filtering technology employed, interference can be minimized.

Designed with 2.4-inch color screen, UT278C/D 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 others.

- 2.4-inch color screen
- Earth resistance measurement
- Leakage current measurement
- Current measurement
- Grounding voltage measurement
- Soil resistivity measurement
- Alarm function
- USB data transfer
- Built-in rechargeable lithium battery



UT278C serial



Functions	Range (UT278C)	Range (UT278D)
Ground resistance	0.00Ω-1800Ω	0.00Ω-2000Ω
Leakage current	0.000A-50A	0.000A-60A
Current resolution	1uA	1uA
3 or 4-wire method resistance	0.00Ω-30KΩ	0.00Ω-30KΩ
Soil resistivity	0.00Ω-9999KΩ	0.00Ω-9999KΩ
Ground voltage	600V	600V
Accuracy guaranteed temperature humidity	23°C±5°C, below 75%rh	23°C±5°C, below 75%rh

Features	
Power supply	1, DC 3.7V lithium battery; 2, Real-time display of battery power, reminding to charge in time
Jaw size	68mm
Screen	2.4 inch (46x29mm) color LCD
Measurement time	1 time/sec
USB data upload	The stored data can be uploaded, saved and printed.
Data storage	500 set
Backlight	√
Alarm function	√
Auto power off	Around 15 minutes
Power consumption	750mA MAX
Overload protection	√
Weight	975g (including battery)
Operating temperature	-10°C-50°C; below 80%RH
Storage temperature	-10°C-60°C; below 70%RH
Insulation resistance	>20MΩ (500V between circuit and case)
Withstand voltage	AC 3700V/RMS (between circuit and case)
External magnetic field	<40A/m
External electric field	<1V/m
Applicable safety regulations	IEC61010-1; IEC61010-031; IEC61557-1(Ground resistance); CAT III 300V, CAT IV 150V; Pollution degree: 2