

UNI-T®



UT575B Double-clamp Multifunctional Earth Tester



The UT575B double-clamp multifunctional earth tester is a high-end instrument designed for on-site measurement of various ground parameters. It offers advanced digital processing technology, multiple measurement methods, and a large-diameter current clamp for accurate readings. With storage, clock, Bluetooth, and USB capabilities, it facilitates data management and analysis. Widely used in industries like power, telecommunications, and construction.



Strong anti
interference



PC software
analysis



Data storage
(up to 2000 set)



Audible alarm
function

Function	Range	Resolution	Accuracy
Measure ground resistance (R~) and DC resistance (R—) using the 2/3/4-wire method.	0.00Ω~29.99Ω	0.01Ω	±2%rdg±5dgt
	30.0Ω~299.9Ω	0.1Ω	±2%rdg±3dgt
	300Ω~2999Ω	1Ω	±2%rdg±3dgt
	3.00kΩ~300.00kΩ	10Ω	±4%rdg±3dgt
Selective method to measure ground resistance (R~)	0.00Ω~29.99Ω	0.01Ω	±2%rdg±5dgt
	30.0Ω~299.9Ω	0.1Ω	±2%rdg±3dgt
	300Ω~3000Ω	1Ω	±2%rdg±3dgt
Double clamp method to measure ground resistance (R~)	0.01Ω~0.99Ω	0.01Ω	±10%rdg±5dgt
	1.0Ω~29.9Ω	0.1Ω	±10%rdg±5dgt
	30Ω~100Ω	1Ω	±10%rdg±5dgt
Ground voltage measurement	AC 0.0~100.0V	0.1V	±2%rdg±3dgt
Ground current measurement	AC 0.00mA~600.0A	0.01mA	±2%rdg±3dgt
Soil resistivity measurement (ρ)	0.00Ωm~9000KΩm (0.01Ωm)		
Test frequency	128Hz/111Hz/105Hz/94Hz (AFC Auto)		
Short circuit test current	AC 250mA max		
Open circuit test voltage	AC 40V max		
Alarm function	When it is over range, it will utilize the buzzer alarm.		
Data storage	2000 set		
Data hold	√		
Power supply	DC 7.4V 2600mAh rechargeable lithium battery.		
LCD size	128mm x 75mm		
Data communication	√ (via USB B)		
Low battery indication	√		
Auto power off	√		
Over load indication	√		
Characteristics			
Meter dimension	280mm x 260mm x 160mm (H*W*L)		
Current clamp dimension	223mm x 120mm x 39mm (H*W*L)		
Communication cable	USB cable (with data), 1.5m length		
Test lead	20m red lead; 20m black lead; 10m yellow lead; 10m green lead.		
Simple test lead	1.6m red lead and 1.6 black lead.		
Auxiliary ground rod	Quantity: 4pcs; Diameter: ϕ 10mm×250mm; Weight: 935g		
Current clamp	Blue-black plug: 1pcs; Red-black plug: 1pcs		
Clamp diameter	70mm		
Clamp lead length	2m		
Weight	Tester: 3490g approximately (Battery included) Current clamp: 1100g approximately (2PCS) Total weight: 6800g approximately (Accessories included)		

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