

NEW

UT255E

Wireless High Low Voltage Hook Ammeter



20KA AC current measurement



Frequency measurement



Large diameter hook



10h continuous working



433MHz wireless transmission



Data storage



3.5 inch LCD



Fast sampling



UT255E is designed with a hook detector, wireless receiver, and telescopic insulating rod. With telescopic insulating rods connected, it can test leakage current, current, frequency, load, and others for bare conductors, bus bars below 35kV, or cables with safety insulation sheaths below 110kV.

The hook detector is equipped with the built-in double-layer flexible coil, featuring lightweight, high precision, wide range, and good linearity, it can be hung onto the line for testing, especially suitable for detecting transformer load and inspecting leakage current of multi-core thick cables underground or outdoors.

Specifications

AC current (Auto range)	0~99.9A; 10mA; ±2%±5dgt 100A~6000A; 10mA; ±3%±5dgt 6.00kA~20.0kA; 10mA; ±4%±5dgt
Frequency	45Hz~75Hz; 0.1Hz; ±1Hz (50/60Hz, auto)
Accuracy guaranteed temperature and humidity	23°C±5°C, below 80%RH

Features

Function	1, High/low voltage leakage current, current and frequency measurement; 2, Grounding current test of the iron core, transformer load; 3, Leakage current test of multicore cable.
Testing method	Hang the hook-type CT onto the line for testing
Transmission mode	433MHz wireless transmission
Phase detecting distance	About 150m (Straight-line distance)
On-line voltage	Bare conductor: <35kV Sheath-insulated cable: <110kV
Large diameter hook	Measurable wire & cable: Max. Φ168mm Measurable busbar: Φ168mmx245mm
Sample rate	2 times/sec
Screen	3.5 inch true color LCD; Backlight brightness adjustable
Position error	Area A: No position error; Area B: Increase by about 0.2%; Area C: Increase by about 2%;
Data storage	9999 set
Overrange indication	"OL A" is displayed
No signal indication	The symbol "----" is displayed dynamically
Power	Lithium battery (with USB charging port) About 10 hours working time;
Weight	Hook detector: 496g (including battery) Receiver: 395g (including battery) Insulation rod: 1.45kg Total weight: 11.5kg (including ammeter box)
Dimension	Hook detector: 310×270×52mm (LxWxH) Receiver: 250×100×40mm (LxWxH)
Insulation rod size	Stretched length: about 5m Retracted length: about 1m
Operating temperature and humidity	-10°C~40°C; below 80%Rh
Storage temperature and humidity	-10°C~60°C; below 70%Rh
Signal Interference	No 433MHz co-channel signal interference
Insulation strength	Insulation rod: AC 110kV/rms Detector: 2000V/rms Receiver: 2000V/rms
Structural design	Anti-drip type II