

The UNI-T logo is displayed in white text on a red rectangular background.

UT279

Transformer Grounding Current Tester

The UT279 Transformer Grounding Current Tester is a device designed for on-site online tests of grounding and leakage currents in transformer iron cores. It features a current clamp, monitoring software, communication line, and other functions. This tester helps identify potential faults in transformers, ensuring safe operation and facilitating routine maintenance.

It is versatile and suitable for various sectors including electric power, communications, meteorology, railways, oil fields, architecture, metrology, academic institutions, and industrial enterprises. It is also useful in scientific research and teaching institutes, providing a comprehensive solution for diverse fields.



Leakage current
measurement



Large Jaw size



3.5 inch color
touch screen



Online none-contact
measurement



Strong
anti-interference



Alarm function



Data storage



PC software analysis

Specifications		
AC Current	0.00mA~100A	±(0.5%+5dgt)
AC Voltage	0~600V	±(0.5%+5dgt)
Frequency	10HZ~1000HZ	±2Hz
Features		
Function	1, Transformer core ground current test; 2, AC leakage current, current online test	
Test method	Clamp CT	
Jaw size	1, Max measureable dis.: φ80mm wire 2, Flat steel ground wire: 96 x 4mm	
Screen	3.5 inch color touch LCD (320 ×240); Size: 71 x 53mm	
Sampling rate	1 time/second	
Data storage	200 set	
Automatic shut-down	√	
USB interface	Data transmission via USB cable	
Alarm Settings	10mA~99.99A	
Alarm indication	Audiable & Visual alarm	
Line voltage	<AC 600V	
Over range display	"OL" symbol display	
Low battery indication	√	
Lead length	Current clamp lead length: 2m	
Working environment	-10°C~40°C; below 80%rh	
Storage environment	-10°C~60°C; below 70%rh	
Dielectric strength	AC 2kV/rms (between screw and case)	
Pollution degree	2	
Suitable for safety regulations	CAT III 600V; IEC1010-1; IEC1010-2-032; IEC61326	
General Characteristics		
Power supply	DC 9V alkaline dry battery LR6 1.5Vx6	
Product color	Red+Black	
Product weight	Host: 450g (including battery); Current clamp: 780g	
Product dimension	Host size: 198 x 100 x 45mm; Current Clamp Size: 194 x 145 x 40mm	
Accessories	Meter (including current clamp) 1pcs, USB cable 1pcs, tester box 1pcs, AAA battery 6pcs, user manual 1pcs	
SPQ	2pcs	
Package dimension	430 x 280 x 260mm	