

UNI-T®



UT225A



UT225B



UT225A & UT225B

Wireless High & Low Voltage Transformer Turns Ratio Tester

UT225A/B Series High and Low Voltage Transformer Turns Ratio Tester

They can be used for quick on-site testing of current transformers in metering installations. It is designed and manufactured to test transformers' primary current, secondary current, and turns ratio and identifies phase type and polarity.

They are widely used in residential power systems (UT225A), substations, power plants, power inspection departments, industrial and mining enterprises, inspection stations, and electrical repair departments.



Strong
anti-interference



Wireless
transmission



High precision



Data hold



Flexible Current Data storage
Clamp (UT225A)



Models	UT225A	UT225B
Primary current	0.0A~3000A (0.1A; ±1%FS)	0.0A~800A (0.1A; ±0.5%FS)
Secondary current	0.00mA~5A (0.01mA; ±0.5%FS)	0.00mA~5A (0.01mA; ±0.5%FS)
Online measurement voltage	380V/220V power system	up to 35KV
Turn Ratio measurement	1~500	1~500
Sampling rate	3 times/second	3 times/second
Wireless transmission distance	100m (Primary current clamp)	100m (Primary current clamp)
Secondary current clamp connection wire length	2M	2M
Data storage	3000 groups	3000 groups
Data retention	YES	YES
Data review	YES	YES
Data upload	N/A	USB communication
Overflow display	YES (OL symbol display)	YES (OL symbol display)
No signal indication	YES	YES
Auto power off	YES (Around 15 minutes)	YES (Around 15 minutes)
Power supply	1.5V AAA×4; Works time: 30 hours	1.5V AAA×4; Works time: 30 hours
Insulation rod withstand voltage	3700Vrms	110KV
Characteristics		
Dimension (main meter)	78 x 165 x 42mm	78 x 165 x 42mm
Primary high voltage current clamp	Jaw size: φ200mm; Dimension: 200 x 370 x 40mm;	Jaw size: φ48mm; Dimension: 76 x 255 x 31mm;
Secondary low voltage current clamp	Jaw size: φ8mm; Dimension: 137 x 40 x 19.5mm	Jaw size: φ8mm; Dimension: 137 x 40 x 19.5mm
Insulation rod size	N/A	φ32mm; 1m/pcs (5 pcs)
Instrument weight	800g (meter only)	The whole package: 5kg
Accessories	Tester, Primary current transformer (CT1), Secondary current transformer (CT2), Tool bag, Strap, Battery (AAA 1.5V x 4pcs; 6F22 9V x 1), User manual	Tester, Primary current transformer (CT1), Secondary current transformer (CT2), Tool bag, Insulation stick, USB cable, Battery (AAA 1.5V x 8pcs), User manual

