



# 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.



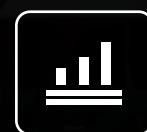
Strong  
anti-interference



Wireless  
transmission



High precision



Data hold



Flexible Current Clamp (UT225A)



Data storage

| Models   | UT225A   | UT225B   |
|--|--|--|
| Primary current                                | 0.0A~3000A (0.1A; $\pm 1\%$ FS)  | 0.0A~800A (0.1A; $\pm 0.5\%$ FS)   |
| Secondary current                              | 0.00mA~5A (0.01mA; $\pm 0.5\%$ FS)   | 0.00mA~5A (0.01mA; $\pm 0.5\%$ 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 AAAx4;<br>Works time: 30 hours  | 1.5V AAAx4;<br>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: $\phi 200$ mm;<br>Dimension: 200 x 370 x 40mm;   | Jaw size: $\phi 48$ mm;<br>Dimension: 76 x 255 x 31mm;   |
| Secondary low voltage current clamp            | Jaw size: $\phi 8$ mm;<br>Dimension: 137 x 40 x 19.5mm   | Jaw size: $\phi 8$ mm;<br>Dimension: 137 x 40 x 19.5mm   |
| Insulation rod size                            | N/A  | $\phi 32$ mm; 1m/pcs (5 pcs)   |
| Instrument weight                              | 800g (meter only)  | The whole package: 5kg   |
| Accessories                                    | Tester,<br>Primary current transformer (CT1),<br>Secondary current transformer (CT2),<br>Tool bag,<br>Strap,<br>Battery (AAA 1.5V x 4pcs; 6F22 9V x 1),<br>User manual | Tester,<br>Primary current transformer (CT1),<br>Secondary current transformer (CT2),<br>Tool bag,<br>Insulation stick,<br>USB cable,<br>Battery (AAA 1.5V x 8pcs),<br>User manual |

