

**Specifications:-**

- Full-featured to meet the excitation characteristics (ie, volt-ampere characteristics), ratio, polarity, secondary winding resistance, secondary load, ratio difference, and angle difference of various types of CT (eg, protection, metrology, TP) Such test requirements, but also for various types of PT electromagnetic unit excitation characteristics, transformation ratio, polarity, secondary winding resistance test.
- Automatically give corner voltage/current, 10% (5%) error curve, accurate limit factor (ALF), instrument security factor (FS), secondary time constant (Ts), remanence factor (Kr), saturation inductance, etc.
- The test meets various types of transformer standards such as GB1208 (IEC60044-1), GB16847 (IEC60044-6), and GB1207, and tests are automatically selected according to the type and level of the transformer.
- Based on the advanced low-frequency test principle, it can deal with CT tests with inflection points up to 30KV.
- The device uses the international popular square wave method to make the excitation curve more perfect.
- Device storage capacity up to a few G, can store hundreds of thousands of test data, power loss is not lost.
- The test is simple and convenient, one-button CT direct resistance, excitation, ratio and polarity tests are performed, and in addition to the load test, all other CT tests use the same wiring method.
- - Device panel description
- Device panel structure as shown above:
- ·The above S1, S2 terminals: output
- ·Intermediate S1, S2 terminals: output voltage measurement

*Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.*



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- The following P1, P2 terminals: Inductive voltage measurement
- - The main technical parameters
- Test use: CT, electromagnetic PT
- Output: 0~180Vrms, 12Arms, 36A(peak)
- Voltage measurement accuracy:  $\pm 0.1\%$
- CT transformation ratio measuring: Range- (1~30000)
  - Accuracy:  $\pm 0.1\%$
- PT transformation ratio measuring: Range: 1~20000
  - Accuracy:  $\pm 0.1\%$
- Phase measurement: Accuracy-  $\pm 2\text{min}$ 
  - Resolution: 0.5min
- Secondary winding resistance measurement:
  - Range: 0~300 $\Omega$
  - Accuracy: 0.2% $\pm 2\text{m}\Omega$
- AC load measurement: Range: 0~1000VA
- Accuracy: 0.2% $\pm 0.02\text{VA}$
- working environment: temperature : -10 $^{\circ}\text{C}$ ~50 $^{\circ}\text{C}$ , humidity :  $\leq 90\%$

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