



Quality is the lifeblood of industrial products; every screw is the object we concerned.

TE2055 Transformer No-load & load & Capacity Tester

Brief Introduction:

This device is applicable to the test of no-load & load & capacity of 30 ~ 2500kVA distribution transformer under the high current. At the same time in the absence of an external AC power conditions, the instrument provides an internal low-voltage three-phase sine wave inverter testing power supply, transformer capacity can be tested.

Appearance and configuration:



Main features:

- ◆ Carry on no-load & load test of 30~2500KVA transformer under high current; After the load test, it can carry on the judgment of transformer capacity and transformer type.
- ◆ Transformer capacity can be automatically tested through the internal testing power supply.
- ◆ To facilitate the measurement, it can be used for the testing of transformer capacity in the non-rated tap.
- ◆ Instrument can determine power transformers capacity of a full range , S2, S7, S9, S11 type 10KV and 35KV voltage level and so on, and can determine 10KV level 630 ~ 6300KVA high voltage power transformers and the anti-high-voltage power transformers.
- ◆ Save 15 transformers of rated capacity to judge the results and no-load, load test records and parameters, power down is not lost.

Technical Parameters:

- ◆ Operating Voltage: Voltage: AC187V-242V, Frequency: 50±1Hz
- ◆ Rated operating conditions: Ambient temperature: -10-40 °C
Relative humidity: ≤ 85 %
- ◆ Capacity measurement Range:

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|--------------|-----------------------------------|
| 6-11/0.4kV | Power Transformer: 30 ~ 2500 kVA |
| 6-11/3~6.3kV | Power Transformer: 630 ~ 6300kVA |
| 35kV | Power Transformer: 50 ~ 31500 kVA |



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|--------------------|---|
| 60-66 kV | Power Transformer: 630 ~ 63000kVA |
| 110kV | Power Transformer: 6300 ~ 80000 kVA |
| S2 Type | Power Transformer: 10 ~ 1800 kVA |
| SG Type/10kV Level | Epoxy resin transformer: 30 ~ 1600 kVA |
| SGType/35kV Level | Epoxy resin transformer: 50 ~ 31500 kVA |
| DType | Single phase transformer: 5 ~ 160kVA |
| 6 ~ 110 kV Level | Special-type Transformer: 30 ~ 63000kVA |

- ◆ Voltage range:0~750V (RMS) Error $\lt; \pm (0.2\%U+3\text{digits})$
- ◆ Current range: 0~100A (RMS) Error $\lt; \pm (0.2\% I+3\text{digits})$
- ◆ Power Measurement: $\text{COS}\Phi = 0.5 \sim 1.0$ Error $\lt; \pm (0.5\% P+3\text{digits})$
 $\text{COS}\Phi = 0.2 \sim 0.5$ Error $\lt; \pm (1.0\% P+3\text{digits})$
- ◆ Instrument Dimensions:330×260×140 (mm)
- ◆ Weight: about5 kg

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