



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

TE6200 Insulating Oil Capacitance and Dissipation Factor Tester

Brief Introduction:

TE6200 Insulating Oil Capacitance and Dissipation Factor Tester is a well-developed high-precision, digital industrial instrument, in accordance with relevant State regulations. The device adopts high-frequency induction heating technology, uniform heating, fast heating speed, short time. This device use MCU to control and calculate, realizing automation testing; it has high test precision of capacitance and dissipation factor, stable data and good reproducibility characteristics. Output voltage is 0 ~ 2000V, continuously adjustable, for all needs of voltage levels of different test products.

Appearance and configuration:



Main features:

- ◆ It adopts Electromagnetic Induction Heating technology, uniform heating, fast heating speed, short time.
 - ◆ Output voltage 300 ~ 2000V, continuously adjustable, for all needs of voltage levels of different test products.
 - ◆ Accurate temperature control, not affected by the environment temperature.
 - ◆ High measurement accuracy, data stability, good reproducibility.
- With bad grounding protection circuit, if no grounding or bad grounding, it will prompt in Chinese.

Technical Parameters:

- ◆ Power supply: Voltage: AC220V±10% Frequency: 50Hz±1Hz
- ◆ Service condition: Ambient temperature: 0°C~40°C
Relative humidity ≤ 90%RH
- ◆ Temperature control range: Room temperature~100°C
- ◆ Output voltage: 0—2000V



- ◆ Measurement range: Capacitance: 1pF~200pF
Dissipation Factor: 0~10%
- ◆ Measurement :Capacitance: $\pm (0.5\%C+1\text{pF})$
- ◆ Accuracy:Dissipation Factor: $\pm (1\%D+0.00008)$
- ◆ Resolution:Capacitance: 0.01pF
Dissipation Factor: 1×10^{-5}
- ◆ Temperature control range: $\pm 0.5^{\circ}\text{C}$
- ◆ Weight:22kg

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