



GD6100 Transformer Oil Tan Delta Tester



Product Description

GD6100 is high-precision instrument for testing dielectric loss angle and volume resistivity of insulating oil or other insulating liquids. With its integrated structure, it contains major components such as dielectric loss oil cup, temperature controller, temperature sensor, dielectric loss test bridge, AC testing power supply, standard capacitors, Megger, DC high voltage source.

Features

- Advanced high-frequency induction heating mode, homogeneous heating, high speed, and easy to control.
- All digital technology, automatic measurement.
- Large LCD screen, with printer.
- AC-DC-AC power supply conversion mode.

Specifications

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| Conditions | -5 °C -40 °C; RH <80% |
| Power Supply | AC 220V ± 10% |
| High voltage output | 1000V-2200V, every step 200V |
| | Accuracy: 2% |
| | Capacity: 50VA; Output Current is 25mA |
| Temperature induction furnace | Max. Power 500W |
| Temperature control range | <100 °C |
| Temperature measurement error | ± 0.5 °C |
| Temperature control error | ± 1 °C |
| Temperature control time | less than 20min, indoor temperature to 90°C |
| Measure range | tgδ Unlimited |
| | Cx 15pF-300pF |
| | Rx 10M-10T |
| Accuracy | tgδ: ±1.0% of the reading + 0.020% |
| | Cx: ± 1.0% of the reading + 0.5pF |
| | Rx: 10% of the reading |

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|------------------------------|------------------------------------|
| Relative dielectric constant | ϵ_r automatic calculation |
| Volume resistivity | ρ automatic calculation |
| Dimensions | 450 (L)*310 (W)*360 (H) |
| Weight | 18kg |