

RDJS-612J Insulating Oil Dielectric Loss Tester

RDJS-612J insulating oil dielectric loss tester is used to measure the dielectric loss factor and DC resistivity of liquid insulating medium such as insulating oil, integrated structure. The internal integration of the main components is dielectric loss oil cup, temperature controller, temperature sensor, dielectric loss test bridge,



AC test power supply, standard capacitor, high resistance meter, DC high voltage source and so on. The instrument adopts all digital technology, all intelligent automatic measurement, equipped with color large screen LCD, menu operation, each step has text prompt, test results can be automatically stored and printed out, the operator can skillfully use without professional training.

✧ Product features

1. The instrument adopts the medium frequency induction heating, PID temperature control algorithm.
2. Internal standard capacitor is SF6 gas-filled three-electrode capacitance. and its capacitor dielectric loss and electrical capacity is independent of ambient temperature, humidity and other effects
3. AC test power supply using AC-DC-AC conversion
4. Perfect protection function;

✧ Product specifications and technical parameters

Range of DC Voltage	0 ~ 500 V
Range of AC Voltage	200 ~ 2200 V
Functions	Measures the Tan Delta, Resistivity and Relative Permittivity of insulating liquids
Test Range	Test Range of Tan Delta: 0.00001 ~ 100
	Test Range of Volume Resistivity: 2.5 MΩm~20 TΩm
	Test Range of Relative Permittivity: 1.000 ~ 30.000