

RDJJD-100kV Oil Tan Delta Tester

In the power system, railway system and large petrochemical plants and mines, enterprises have a large number of electrical equipment. The internal insulation is mostly oil-filled insulation type and the dielectric strength of insulating oil is a routine test.



RDJJD-100kV Insulating Oil Tan Delta

Tester is a high accuracy and full digital industrial instrument developed by all the scientific research and technical personnel of our company, according to the relevant standards and regulations of insulating oil testing, giving full play to their own advantages, after many field tests and long-term unremitting efforts. The machine is easy to operate and beautiful in shape. Due to the use of automatic digital microcomputer control, so the measurement accuracy is high, anti-interference ability is strong, safe and reliable..

Product Features

1. The instrument is controlled by a large capacity single chip microcomputer, which is stable and reliable;
2. The Oil Tan Delta Tester is equipped with temperature, humidity and clock display functions, and can be customized for infrared oil temperature measurement.

3. The wide range watchdog circuit is set in the instrument to prevent the crash;
4. A variety of standard options. The instrument program is equipped with IEC156 and self programming operation, which can adapt to a variety of choices of different users;
5. The oil cup of the instrument is made of special glass and high polymer materials, which are processed finely to prevent oil leakage and corrosion;
6. The unique high-voltage sampling design of the instrument allows the test value to enter the A / D converter directly, avoids the error caused in the analog circuit, and makes the measurement result more accurate;
7. The instrument has over-current, over-voltage, short-circuit and other protection functions, and has strong anti-interference ability and good electromagnetic compatibility;
8. Can switch between Chinese and English at will to meet the needs of any customer;
9. The instrument itself has data analysis function to assist the staff to determine the oil quality;



Product specifications and technical parameters

1. Booster capacity: 1.5 kVA
2. Step up speed: 0.5kV/s ~ 5.0kV/s, 10 gears optional, error 0.2kV/s
3. Output voltage: 0 ~ 100 kV

4. Voltage accuracy: 2% reading + 2 words
5. Power distortion rate: < 1%
6. Electrode gap standard: 2.5mm
7. Test times: 1 ~ 9 times optional
8. Static release time: 0 ~ 9000 seconds optional
9. Interval rest time: 0 ~ 900 seconds optional
10. Mixing time: 0 ~ 250 seconds optional
11. Power supply: AC 220V ($1 \pm 10\%$), 50 Hz ($1 \pm 10\%$)
12. Power consumption: < 200 W



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