



HZJQ-1

- Weight is only 35kgs
- Safety to operate
- RS-232 output for optional printer kit

Insulating Oil Dielectric Strength Tester

DISCRIPTION

Many power systems, railway systems, large-scale petrochemical plants and enterprises have a lot of electrical equipment whose internal insulation are mostly oil-filled insulation type, and therefore, test on insulating oil dielectric strength is common and necessary. To meet the needs of the market, we have developed and produced a series of insulating oil dielectric strength testers according to national standard GB/T507-2002, industry standard DL429.9-91 and the latest Electric Power Industry Standard DL/T846.7-2004 by ourselves. This instrument, by using a single-chip microcomputer as the core, can operate in full automation with high accuracy, greatly improving work efficiency and reducing the labor intensity of workers. Moreover, it is small in size and convenient to carry.

FEATURES

1. With a microprocessor, automatically fulfill the withstand voltage test for oil circulation with a range of 0 ~ 80KV/100KV (including boosting, maintaining, mixing, standing, calculation, printing and other operations)

2. Display by large-screen LCD and prompt by Chinese/English menu.
3. Simple operation. The machine will automatically complete the withstand voltage test on one cup of sample oil after simple setting by the operator. Breakdown voltage value of 1 to 6 times and recurrent times will be automatically saved. After the test, the thermal printer will print each breakdown voltage value and average value.
4. Power-down preservation. It can save 100 tested results and displaying current ambient temperature and humidity.
5. Adopt a single-chip microcomputer to boost the voltage at an even speed. The voltage is accurate at 50HZ, ensuring the whole process easy for control.
6. Equipped with over-voltage, over-current and limit protections to ensure the safety of operators.
7. With the function of displaying the measured temperature and system clock.
8. Communicate with computer with a standard RS232 interface.



THECHNICAL PARAMETER

Type	HZJQ-1
Output voltage	0~80KV/100KV (optional)
Voltage distortion rate	<3%
Voltage raising speed	0.5~5 KV/S (adjustable)
Standing time:	15min (adjustable)
Boosting interval	5 min (adjustable)
Boosting frequency	1~6 time(s) (optional)
Booster capacity	1.5KVA
Measuring accuracy	±3%



Supply voltage	AC220V±10% 50Hz±1 Hz
Power	200W
Applicable temperature:	0°C ~ 45°C
Applicable humidity:	<85%RH
Overall dimension	465×385×425mm



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