

OIL DIELECTRIC STRENGTH ANALYZER

AT-BDV100



Features

1. With a microprocessor, automatically fulfill the withstand voltage test for oil circulation with a range of 0-100KV (including boosting, maintaining, mixing, standing, calculation, printing and other operations).
2. Display by large-screen LCD and prompt by 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.

Technical Parameter

1. Output voltage	0 ~ 100KV (optional)
2. Voltage distortion rate	< 3%
3. Voltage raising speed	0.5 ~ 5 KV/S (adjustable)
4. Standing time	15min (adjustable)
5. Boosting interval	5 min (adjustable)
6.Boosting frequency	1 ~ 9 time(s) (optional)
7. Booster capacity	1.5KVA
8.Measuring accuracy	±1 %
9. Supply voltage	AC220V±10% 50Hz±1 Hz
10. Power	200W
11.Applicable temperature	0°C ~ 45°C
12.Applicable humidity	< 75%RH
13. Overall dimension	465×385×425