
AC Voltage Withstand Test System



1. Introduction

The AC voltage test system is mainly used for power cable, electric transformer, HV instrument transformer, HV switch, etc. The test items include AC voltage test, PD test and electric aging test.

2. Components

1. Test transformer
2. LV filter
3. Coupling capacitor
4. Digital PD detector
5. Double shielded isolated transformer
6. HV capacitive divider
7. Contact type regulator
8. Digital control desk

3. Technical Parameters

1. Rated voltage: 1.0KV-1500KV (and above)
2. Rated capacity: 1.0KVA-1500KVA (and above)
3. Noise: $\leq 65\text{dB}$ (2m away from equipment)
4. Operation duty: At rated capacity, 1 hour on, 1 hour off, 3-6 times one day.
Continuously working at 50% of rated capacity
5. PD level: 80% of rated voltage, $\text{PD} \leq 2\text{pC}$ (or smaller as users required) (or other duration according to test requirement).

Product link : <https://www.linttop.com/ac-voltage-withstand-test-system.html>