

T-100KV

PORTABLE HV HIPOT TEST SET

T-100KV HV Hipot test set is the effective and direct way to test insulation strength for electric equipment, apparatus or machines. It checks dangerous flaws which assure electric equipment continuous working. This model T-100KV HV Hipot test set can output up to 100KV AC and 140KV DC, 100mA ac current output capacity, suite of many electrical equipment testing. Typical applications include testing of transformers, switchgears, cables, capacitors, aerial motors platforms, hot sticks bucket bricks, vacuum bottles and other related equipment like vacuum interrupters, blankets, ropes, gloves, hydraulics hose, instruments transformers generators.

Function & Features

1. 0-100KV AC/DC output;
2. Voltage accuracy 1%;
3. Load power capacity 10KVA;
4. Light weight, small size, easy to move;
5. Continuously variable output from zero to full voltage;
6. With new type time relay, time range is more wider (1S ~ 99H);
7. Using the latest current relay, more accurate and reliable;
8. Over-current protection, zero-starting protection, sound and light alarm;
9. Digital display panel mounted controls & indicators with easy to read legend;
10. Adjustable over current protection, with trip levels variable from 10 to 110%;
11. Monitoring high voltage side voltage, low voltage side current and indicator of zero, power, working start, timer;



Application

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|---------------------------------------|---------------------------------------|
| 1. Coils | 2. Fuses |
| 3. Insulators | 4. Bushings |
| 5. Connectors | 6. Power cables |
| 7. Lightning arresters | 8. Cable Joints/Splices |
| 9. Power capacitors | 10. HV components |
| 11. Circuit breakers | 12. Instrument transformers |
| 13. Switchgear (Air, Gas, Oil) | 14. Insulation materials (Oil, Paper) |
| 15. High voltage distribution cabinet | 16. Transformers, shunt reactors |

Parameters

Electrical parameters	
Power supply	AC 230V±10% or 380V±10%, 50/60HzAC
AC Voltage output	0-100KV
DC Voltage output	0-140KV
AC current output	100mA
DC current output	70mA
Accuracy	1%
Capacity	10KVA, customized (1kVA-100KVA)
Frequency	50Hz / 60Hz
Adjustment component	Voltage regulator
Display model of Voltage	Digital meter
Accuracy class of the voltage meter	0.2%
Adjustment model	Manual or Auto
Timer range	0.01S-99.99H
Protection function	Over-current
Cooling model	Self-cooled
Testing Transformer	Oil, dry, SF6 gas optional
Output voltage of control unit	AC 0-250V or 0-430V
Standard	GB/T15290, GB/T8554, GB/T16927, DL/T848, DL/T846, IEC61007, IEC60060, IEC60270, IEC 60243-1, ASTM D149
Mechanical parameters	
Dimension (L×W×H) (mm)	650x600x750, 450x500x650
Weight (kg)	125+54
Environmental conditions	
Operating temperature	-20°C to 50°C
Storage temperature	-40°C to 70°C
Relative humidity	≤85%RH