

HF-PC-203

Power Frequency Overvoltage Tester



The Power Frequency Overvoltage Tester is applied to perform power frequency overvoltage withstand tests on transformers, switchgears and power cables. It accurately inspects insulation performance, detects hidden insulation faults and ensures the safe operation of all high-voltage power equipment.

Key features

- An industrial touch screen displays voltage, current, time, operating status and body parameters with clear and intuitive readings.
- Chinese user interface enables easy operation, applicable to various working scenarios.
- Output voltage can be directly set via touch buttons; one-key start triggers fully automatic testing procedure.
- Real-time prominent voltage display on the screen throughout the test to remind operators of safety precautions.
- Built-in automatic timing function: the device starts timing once voltage rises to the preset value, and automatically drops voltage to zero upon timeout.

Technical specifications

Parameter	Value
Power Supply	AC 380V±10%, 50Hz±1Hz
Output Voltage	0~500V
Rated Capacity	20kVA
Voltage Measurement Accuracy	±0.5%FS ±3dgt
Current Measurement Accuracy	±0.5%FS ±3dgt
Timing Range	0~9999s; long-duration operation available under special modes
Operating Environment	Ambient temperature: 0~50°C, relative humidity ≤85%RH (non-condensing)

Compliance and documents

Applicable standards	[TO BE CONFIRMED] standard applied to this model
Calibration certificate	[TO BE CONFIRMED]
Optional accessories	[TO BE CONFIRMED]

Warranty and support

12-month warranty on every exported instrument. English operation manual and remote video guidance at commissioning. T/T, L/C at sight and deposit terms for bulk orders; sea, air or rail shipping.