KINGSTRONG

AC RESONANT PD TEST SYSTEM

FOR AC VOLTAGE WITHSTAND TEST, PD TEST AND LONG-DURATION CABLE TEST

Application

The AC resonant test system is used for AC withstand voltage testing and partial discharge testing of XLPE power cables and other high-voltage products. The system uses adjustable reactors to match the capacitance of the test object and achieve resonance, reducing input power and improving test efficiency.

Key Features

Designed for AC withstand voltage and partial discharge testing.
Low partial discharge level for accurate HV cable testing.
Modular system configuration according to voltage and capacity requirements.

Main Technical Parameters	
Rated voltage	100kV~1500kV(and above)
Rated Capacity	300kVA ~ 30000kVA(and above)
Noise	⩽ 75dB(2 meters away from equipment)
Q Factor (design)	20-100, depending on configuration
Partial Discharge	⩽2 pC at 80% rated test voltage
Load	under rated capacity, 1 hour on, 1 hour off, 3 ～ 6 times per day; under 50% capacity, continuous. Operation (Or we design as per customer requirement)



