

PART THREE AC RESONANT TEST SYSTEM WITH METAL TANK TYPE 03



220kV 12A



250kV 10A

Introduction

AC resonant test systems with variable inductance and metal tank type are used for factory testing of medium and high voltage cables, high voltage capacitors, generators, and motors. They use the resonance between the capacitive test object and the inductive HV reactor of the test system to generate a continuous sinusoidal high voltage.

Applications

- ☆ For routine testing of medium and high voltage cables up to 400 kV according to IEC 60502 and IEC 60840
- ☆ For routine testing of high voltage capacitors up to 60 kV according to IEC 60871
- ☆ For routine and inspection testing of generators and motors up to 60 kV according to IEC 60034

Technical Parameters

Model No.	Maximum Output Voltage	Output Current	PD Level
	(kV)	(A)	
SXXZ-1400/70	70	20	<5pC
SXXZ-2800/70	70	40	<5pC
SXXZ-340/85	85	4	<5pC
SXXZ-2250/100	100	22.5	<5pC
SXXZ-2400/120	120	20	<5pC
SXXZ-2640/220	220	12	<5pC
SXXZ-2500/250	250	10	<5pC
SXXZ-5250/350	350	15	<5pC
SXXZ-7000/350	350	20	<5pC

PART FOUR AC RESONANT TEST SYSTEM WITH MODULE TYPE 04

Introduction

AC resonant test systems with variable inductance and module type are used for factory testing of medium and high voltage cables, power transformers, bushings, high voltage capacitors, generators, arresters and high voltage accessories. They include stackable modules that can be used to test a wide range of products. The systems can be expandable to cover future test requirements that may require higher voltage and power levels.



1200KV 1A

Applications

- ☆ AC withstand test on cables and cable accessories;
- ☆ Applied voltage tests on transformers;
- ☆ AC withstand tests on GIS, capacitors, generators and motors;
- ☆ HV tests on voltage and current transformers;
- ☆ Bushing testing;
- ☆ Partial discharge testing

Technical Parameters

Model No.	Power	Maximum Output Voltage	Output Current
	(kVA)	(kV)	(A)
CLXZ-1050/350	1050	350	3
CLXZ-3500/350	3500	350	10
CLXZ-1200/400	1200	400	3
CLXZ-1200/2*300	1200	600	2
CLXZ-12000/2*300	12000	600	20
CLXZ-21000/2*350	21000	700	30
CLXZ-900/900	900	900	1
CLXZ-3150/350*3	3150	1050	3
CLXZ-8000/1600	8000	1600	5