

PART TWO AC VOLTAGE TEST TRANSFORMERS 02

Introduction

AC voltage test transformers are applicable for the AC voltage withstand test and partial discharge test of different insulation materials and electrical apparatus as below

- ☆ Insulators in dry or wet conditions;
- ☆ Medium and high voltage Switchgear, GIS;
- ☆ Instrument transformer, VT, CT;
- ☆ Circuit breaker;
- ☆ Power and distribution transformers;
- ☆ Power XLPE cables;
- ☆ Bushings;
- ☆ Surge arresters

They are widely used in the electrical apparatus manufacturers, electric power department, research institute and universities. The possibility of stacking several transformers allows reaching very high voltages by keeping a reasonable floor space.

600kV 0.5A for Insulator Testing ▶
▼ 200kV 60kVA Tank Type Transformer with 100kV & 60kV taps



100kV 5kVA



150kV 0.2A



300kV 1A Tank Type Transformer



500kV 0.3A for Reactor Testing

Technical Parameters

Model No.	Maximum Output Voltage	Rated Output Current	PD Level
	(kV)	(A)	
SXAC-5/50	50	0.1	<3pC
SXAC-5/100	100	0.05	<3pC
SXAC-20/100	100	0.2	<3pC
SXAC-50/100	100	0.5	<3pC
SXAC-50/250	250	0.2	<3pC
SXAC-500/250	250	2	<3pC
SXAC-150/300	300	0.5	<3pC
SXAC-300/300	300	1	<3pC
SXAC-250/250*2	500	0.5	<5pC
SXAC-500/250*2	500	1	<5pC
SXAC-300/300*2	600	0.5	<5pC
SXAC-600/300*2	600	1	<5pC
SXAC-1200/300*2	600	2	<5pC
SXAC-700/350*2	700	1	<5pC
SXAC-800/400*2	800	1	<5pC
SXAC-3000/500*3	1500	2	<10pC