

Wuhan YDQ Power Frequency Withstand Voltage Test Set (Gas Type)



I. Introduction

YDQ series are essential equipment during electrical equipment tests and preventive tests. With the development of China's power industry, people required higher about the voltage class of testing transformer, and the traditional oil / dry type test transformer cannot meet the requirement in volume, weight, and functions. With the development of Chinese basic scientific research, the appliance of new material and new workmanship, the new medium SF6 enter the electrical equipment applications. The SF6 widely used because of its excellent insulating properties and arc performance and incombustible. SF6 test transformer compared with the traditional oil / dry type test transformer, 20%-60% reduction in weight (depend on the voltage and capacity class), without oil pollution, voltage class can up to 300KV. It is especially suitable for condition of working or moving frequently.

II. Features

1. Small size, light weight.
2. Clean, no oil, maintenance-free.
3. Free from harsh climate impacts, site handling still can do the test.
4. Dielectric strength significantly higher than oil type, corona minimal.

III. Parameters

Technical parameters

Voltage class	10Kv-300kV
Capacity range	1-500KVA
Impedance voltage	≤8%
No-load current	<7%
Product type	AC, AC&DC, AC cascade, AC DC cascade.

Main Specifications

Model	Capacity (kVA)	HV (kV)	HV current (mA)	Input voltage		Ratio	Temp rise °C(30mins)
				Voltage (V)	Current (A)		
YDQ-1.5/50	1.5	50	30	200	7.5	500	10
YDQ-3/50	3	50	60	200	15	500	10
YDQ-5/50	5	50	100	200	25	500	10
YDQ-10/50	10	50	200	200	50	500	10
YDQ-20/50	20	50	400	400	53	500	10
YDQ-30/50	30	50	600	400	79	500	10
YDQ-50/50	50	50	1000	400	12	500	10
YDQ-5/100	5	100	50	200	25	1000	10
YDQ-10/100	10	100	100	200	50	1000	10
YDQ-20/100	20	100	200	400	53	1000	10
YDQ-30/100	30	100	300	400	79	1000	10
YDQ-50/100	50	100	500	400	132	1000	10
YDQ-20/150	20	150	133	400	53	1500	10
YDQ-30/150	30	150	200	400	80	1500	10
YDQ-50/150	50	150	333	400	132	1500	10
YDQ-100/150	100	150	667	400	263	1500	10
YDQ-50/200	50	200	250	400	132	2000	10
YDQ-100/200	100	200	500	400	263	2000	10
YDQ-150/200	150	200	750	400	395	2000	10
YDQ-200/200	200	200	1000	400	526	2000	10
YDQ-300/200	300	200	1500	400	790	2000	10
YDQ-50/300	50	300	170	400	132	3000	10
YDQ-100/300	100	300	333	400	263	3000	10
YDQ-150/300	150	300	500	400	395	3000	10
YDQ-200/300	200	300	667	400	526	3000	10
YDQ-300/300	300	300	1000	400	790	3000	10

IV. Accessories





Control Cabinet (Console)



Test Eire



Power Cord



Manual, Report, Certificate