

100kVAC/PD,140kVDC,420kV/2940Joules Impulse Test Set



AC-PD/DC/IMPULSE TEST SET

AC Voltage		DC Voltage		Impulse Voltage Three Stage	
Rated no load Voltage (rms)	100 kV	Rated no load Voltage	140 kV	Rated Voltage	140 kV
Output (continuous)	7.5 kVA	Rated Current	25 mA	Max. stored energy	2940 Joules
Rated Current	75 mA			Voltage efficiency	92%
Impedance Voltage (Approx)	8%				
Frequency	50 Hz				

scope of supply :

Sl. No.	DESCRIPTION	TYPE	QTY	Sl. No.	DESCRIPTION	TYPE	QTY
1.	HV Test Transformer	TEO 100/ 20	01	24.	Voltage Divider	CM100	01
2.	Control Desk	SRP 0.5/10E	01	25.	Voltmeter AC Peak (Digital)	DSM	01
3.	Rectifier	GS	02	26.	Automatic Earthing Switch	ES	01
4.	Capacitor (Impulse)	CS 100	03	27.	Partial Discharge Meter		01
5.	Voltage divider (Impulse)	CB	03	28.	Capacitor Coupling (120kV,1000pF)	CK120	01
6.	Resistor (measuring)	RM	01	29.	HV Flexible Connector	HSV	01
7.	Resistor (Charging)	RL	03		Optional Items :		
8.	Resistor (Wave Front)	RD	03	1.	Oil Testing Cup	OP	01
9.	Resistor (Wave Tail)	RE	03	2.	Impulse Storage Oscilloscope		01
10.	Sphere Gap	KF	03	3.	Measuring / Chopping Spark gap	MF100	01
11.	Voltmeter (Impulse-Peak)	DSTM	01	4.	Measuring / Chopping Shpere gap	MSG250 T	01
12.	Electrical Drive for Sphere Gap	AKF	01	5.	Measuring / Chopping Shpere gap	MSG500 T	01
13.	Electrode	EL	01				
14.	Earthing Rod	EsT	01				
15.	Insulating Rod	IS	12				
16.	Connecting Rod	V	07				
17.	Connecting Cup	K	21				
18.	Floor Pedestal	F(s)	08				
19.	Spacer Tube	D	09				
20.	Voltmeter (DC)	DGM	01				
21.	Voltage Divider (Low Voltage)	NtZ	03				
22.	Trigger Dvice	TU	01				
23.	Electronic Trigger Sphere	EZK	01				