

IMPULSE TEST SYSTEM 420 kV,(2940Joules Impulse)



AC/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	420 kV
Output (continuous)	5 kVA	Rated Current	13 mA	Max. stored energy	2940 Joules
Rated Current	50 mA			Voltage efficiency	92%
Impedance Voltage (Approx)	4%				
Frequency	50 Hz				

scope of supply :

Sl. No.	DESCRIPTION	TYPE	QTY	Sl. No.	DESCRIPTION	TYPE	QTY
1.	HV Test Transformer	TEO 100/10	01	25.	Voltage Divider	CM100	01
2.	Control Desk	SRP 0.5/5TrE	01	26.	Voltmeter AC Peak (Digital)	DSM	01
3.	Rectifier	GS	02				
4.	Capacitor (Impulse)	CS 100	03				
5.	Voltage divider (Impulse)	CB	03				
6.	Resistor (measuring)	RM	01				
7.	Resistor (Charging)	RL	03				
8.	Resistor (Wave Front)	RD	03				
9.	Resistor (Wave Tail)	RE	03				
10.	Sphere Gap	KF	03				
11.	Voltmeter (Impulse-Peak)	DSTM	01				
12.	Electrical Drive for Sphere Gap	AKF	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 Divice	TU	01				
23.	Electronic Trigger Sphere	EZK	01				
24.	Automatic Earthing Switch	ES	01				
					Optional Items :		
				1.	Oil Testing Cup	OP	01
				2.	Impulse Storage Oscilloscope		01
				3.	Measuring / Chopping Spark gap	MF100	01
				4.	Measuring / Chopping Shpere gap	MSG250 T	01
				5.	Measuring / Chopping Shpere gap	MSG500 T	01



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