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
1.	HV Test Transformer	TEO 100/10	01
2.	Control Desk	SRP 0.5/5TrE	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
25.	Voltage Divider	CM100	01
26.	Voltmeter AC Peak (Digital)	DSM	01

Optional Items :

Sl. No.	DESCRIPTION	TYPE	QTY
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

HI-VOLT TEKNO PRODUCTS

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