

GDCY-20 Impulse Voltage Generator



Product Description

The impulse voltage generator is mainly used to the field of impulse voltage tests by lightning impulse voltage full wave, lightning impulse voltage chipped wave and operate impulse voltage wave for such test products as electrical instrument.

Features

- Complete equipment and wide voltage levels in the whole set of device .

- Small electric inductance in the return circuit of the impulse voltage generator, A band-stop filtering is adopted so that a standard impulse wave is still generated even under a large capacity load, and large load capacity.
- Large in voltage utilization coefficient.
- Convenient in wave adjustment, simple in operation, excellent in synchronization performance and reliable in motion.
- An automatic control technique is adopted in the constant-current charge, which is high automation and strong anti-interference capacity.
- A digital measurement and analysis system for the impulse test data are adopted, which increase the technical level and the efficiency of the impulse voltage tests.

Specifications

Standard voltage (kV)	Impulse capacitance (uF)	Deferred Capacitance (uF)	Impulse energy (XJ)	Deferred Voltage (kV)	Deferred coefficient	Weight (kg)
±1600	0.0625	0.5	80	±200	8	7353
	0.09375	0.75	120		8	7513
	0.125	1	160		8	8873
±1800	0.0556	0.5	90		9	7838
	0.0833	0.75	135		9	8018

	0.1111	1	180	±200	9	9548
±2200	0.0456	0.5	110	±200	11	8810
	0.0682	0.75	165	±200	11	9030
	0.09091	1	220	±200	11	10900
±2400	0.0417	0.5	120	±200	12	9294
	0.0625	0.75	180	±200	12	9534
	0.0833	1	240	±200	12	11574
±2800	0.0357	0.5	140	±200	14	10266
	0.0536	0.75	210	±200	14	10546
	0.0174	1	280	±200	14	12925
±3000	0.0333	0.5	150	±200	15	10750
	0.05	0.75	225	±200	15	11050
	0.067	1	300	±200	15	13600
±3200	0.03125	0.5	160	±200	16	13760
	0.04687	0.75	240	±200	16	14720
	0.0625	1	320	±200	16	15680
±3600	0.0278	0.5	180	±200	18	15480

	0.04167	0.75	270	±200	18	16560
	0.0556	1	380	±200	18	17640
±4000	0.025	0.5	200	±200	20	17200
	0.0375	0.75	300	±200	20	18400
	0.05	1	400	±200	20	19600
±4200	0.0238	0.5	210	±200	21	18060
	0.0357	0.75	315	±200	21	19320
	0.0476	1	420	±200	21	20580
±4800	0.0208	0.5	240	±200	24	21840
	0.03125	0.75	380	±200	24	22020
	0.0471	1	480	±200	24	23500