

Impulse Voltage Simulator

VSG 335 (XXX)



In Compliance with

- > IEC 61180-1
- > IEC 61180-2
- > IEC 60335-1
- > GB 4706.1

Introduction

The VSG 335 (XXX) voltage surge simulator is based on the company's third-generation control platform and is customized and developed as $1.2/50~\mu s$ according to customer testing needs voltage surge simulator. This product is suitable for the field of pulse withstand voltage testing, mainly used for surge testing of insulation, withstand voltage and other electrical properties of components and units. It can meet the requirements of IEC 61180-1, IEC 60335-1, GB 4706.1 and other standards.

Features

- > 5.7 color touch screen;
- > The maximum test voltage can reach 30 kV (different equipment may vary and can be customized according to customer needs);
- > Multiple output impedance options are available (different devices may vary and can be customized according to customer needs);
- > Test object leakage current breakdown alarm function;

Application Areas

> Communication

> Technology

> Telecom

> Military

> Medical

> Avionics

> Broadcast and TV

> New Energy Electrical

Power

> Railway

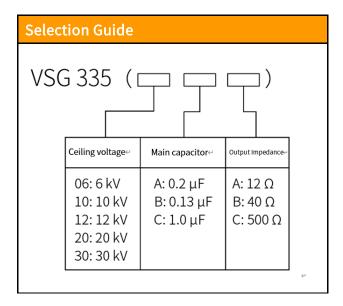
> New Energy Vehicle

www.3ctest.cn 3ctest>页 1/3



VSG 335(20CAC) Technical Parameter		
Test voltage range	1 kV ~ 20 kV, ±3%	
Front time	1.2 μs±30%	
Half peak time	50 μs±20%	
Source output	12Ω、500Ω	
impedance		
Test object	300 mA ~1200 mA	
breakdown leakage		
current		
Polarity	Positive, negative	
Pulse period	5 s ~ 99 s	
Number of tests	1 ~ 10000 times	
Trigger Mode	Automatic, manual, external	
	triggering	

VSG 335(30BC) Technical Parameter		
Test voltage range	3 kV ~ 30 kV, ±3%	
Front time	1.2 μs±30%	
Half peak time	50 μs±20%	
Source output	500Ω	
impedance		
Polarity	Positive, negative	
Pulse period	5 s ~ 99 s	
Number of tests	1 ~ 10000 times	
Trigger Mode	Automatic, manual, external	
	triggering	



General parameters	
Display screen	5.7 inch TFT touch screen
Display screen	AC 110 V/220 V \pm 10%, 50 Hz/60 Hz \pm 5% (default AC 220 V 50 Hz in mainland China)
Display screen	6 A
Maximum power consumption	200 W
Chassis size	19 inch 4U
Instrument weight	Approximately 20 kg
Ambient temperature	15 °C ~35 °C
Relative humidity	45% ~ 75%
Atmospheric pressure	86 kPa ~ 106 kPa

Accessories

Three core power cord, instruction manual, testing wire, grounding wire, fuse, short circuit plug

Optional components

PC control software CoreLab

Supporting the Windows XP/7/8/10 operating system, it is easy to use, with a beautiful and intuitive user interface. The various operational functions and standard test libraries enable users to easily complete custom testing programs and help them flexibly produce test reports.

www.3ctest.cn 3ctest>页 2/3



SUZHOU 3CTEST ELECTRONIC CO., LTD.

Add.: No. 99 E'meishan Road, SND, Suzhou, Jiangsu Province, China

Tel: +86 (0)512 6807 7192 Fax: +86-512-68079795

www.3c-test.com