



Impedance Box 500Ω

SG-1.2/50-500

■ IEC 61000-4-5

Features

- > Compact size
- > Easy to connection

Introduction

The Impedance box 500Ω is used as a matched module for impedance of surge pulses to meet the test requirements of EUT impulse withstanding voltage testing. The waveform parameters on the output port of impedance box are in accordance with the open-circuit voltage waveform requirements of IEC 61000-4-5.

Application Areas



**Technical
Parameters**

Testing Voltage Range	300 V ~ 6000 V
Waveform Parameters	1.2 μ s $\pm$ 30%, 50 μ s $\pm$ 20%
Impedance	500 Ω $\pm$ 5%
Output Terminal and Enclosure withstanding voltage	10 kV DC

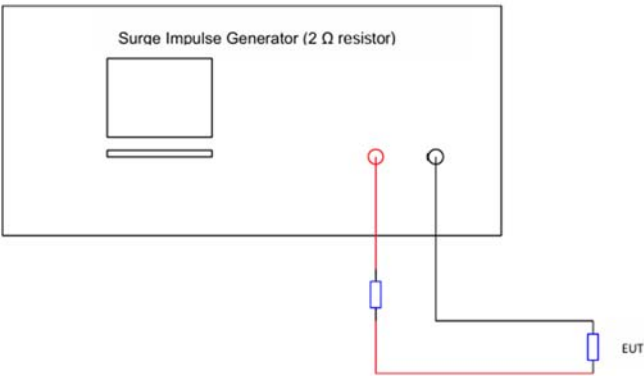
**General
Parameters**

Dimension	230 * 150 * 85 mm
Weight	Approx. 1 kg
Atmospheric Pressure	86 kPa ~ 106 kPa
Ambient Temperature	15°C ~ 35°C
Relative Humidity	45% ~ 75%

Standard Accessories

User Manual, Test Cables, Impedance Box

**Test Connection
Schematic Diagram**



SUZHOU 3CTEST ELECTRONIC CO., LTD.

Address: No. 99 E'meishan Road, SND, Suzhou, Jiangsu Province, China
E-mail: globalsales@3ctest.cn
Service: service@3ctest.cn
Tel: +86 - 512 - 68077192
Web: www.3ctest.com



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