

Automatic Impulse Current Generator

S10C2000

Datasheet



In Compliance with

- > IEC 61643-1
- > GB/T 17626.5
- > GB/T 16927.1
- > GB/T 16896.1
- > GB11032-2000
- > GB18802.1-2002
- > YD/T 1235.2-2002
- > UL1449

Introduction

The S10C2000 is surge impulse current intelligent multi-functional generator, which is designed on the basis of the 3rd generation platform of our company. By adopting programming controller and PC technology, unique color touch screen and friendly operation interface, the S10C2000 can realize one-button test featuring test sequence, which greatly improve the test efficiency.

Features

- > 7" LCD Color touch screen;
- > PLC automatic control system;
- > One-button test, programming function is available;
- > RS232 communication port for remote control;
- > Built-in grounded device and safety lock function;

Application Areas

- > Communication
- > Information technology
- > Telecom
- > Military
- > Medical
- > Aviation
- > Radio and TV
- > New energy power
- > Railway

Technical Parameters	
Output Waveform	8/20 μ s ($\pm 10\%$) current waveform
Peak Current	20 kA $\pm 10\%$
Voltage Polarity	Positive/negative
Charging Time	15 s ~ 1000 s
Counter	9999 s
Pulse Interval Time	19 s -1004 s
Trigger Mode	Auto
Trigger False Operation Rate	Less than 1%
Trigger Range	100% rated charging voltage
Dielectric Strength	$\leq 500 V_{RMS}$
Grounded Inductance	$\leq 0.5 \Omega$

General Parameters	
Working Power	AC220 V $\pm 10\%$, 50/60 Hz
Ambient Temperature	15°C ~ 40°C
Relative Humidity	35% ~ 85%RH (No condensation)
Dimension	600x800x1171 mm (22U)
Weight	Approx. 120 kg
No conductive dust, no fire and explosion risk, no corrosive metal and insulting gas. The mains voltage is sine wave pulse waveform and waveform distortion rate < 5%	



MAINLAND CHINA

SUZHOU 3CTEST ELECTRONIC CO., LTD.
Add.: No. 99 Emeishan Rd, SND, Suzhou 215153,
Tel: +86 (0)512 6807 7192
Fax: +86-512-68079795
Email: globalsales@3ctest.cn
www.3c-test.com

TAIWAN

RICHTEC INSTRUMENTS CO., LTD.
Add.: 6F.-5, No.130, Ln. 235, Baoqiao Rd., Xindian
Dist., New Taipei City 23145, Taiwan, China
Tel: +886 2 8912 1185 #10
Email: ryan@richtec.com.tw
www.richtec.com.tw

SOUTH KOREA

TESTEK Co., LTD.
Add.: 601Ho, SungwoonKoa, 141 Hyeonam-ro,
Suji-Gu, Yongin-Si, Gyeonggi-Do, South Korea.
Tel: +82 70 4099 2071,
E-mail: woo@testek.co.kr
www.testek.co.kr

SINGAPORE

QUANTEL PTE LTD.
Add.: 25 Kallang Ave, #05-02, 339416, Singapore
Tel: +65 6745 3200
Email: engtat.ong@sg.quantel-global.com
www.quantel-global.com

USA

THE EMC SHOP
Add.: 7401 Galilee Rd. #160, Roseville, CA 95678,
USA
Tel: +1 844 423 7435
Email: brendon.berg@theemcshop.com
www.theemcshop.com

RUSSIA

CDIP LLC
Add.: Room 7, Building 5, House 69, Ryabinovaya
Street, Moscow 121471, Russia
Tel: +7 (495) 956 20 22
Email: info@cdip.ru
www.cdip.ru