

Ground Offset Simulator

GOS 05C100



- ISO 16750-2
- ISO 21780
- GB/T 28046.2
- GB/T 45120
- GMW 3172
- VW 80000

Features

- > Dual-channel independent output
- > Max. test current 100 A
- > Single-channel Max. power 500 W
- > Support output voltage and current monitoring and protection

Introduction

The GOS 05C100 ground offset simulator complies with ISO 16750-2, ISO 21780, VW 80000, GMW 3172. It is a standalone test instrument specially designed to accurately reproduce and verify ground reference variations and power supply offsets of vehicle electronic systems.

Application Areas



Technical Parameters

Output Voltage	-5 V ~ -1 V, 0 V, +1 V ~ +5 V
Voltage Accuracy	± 0.1 V (-1 V, 0 V, +1 V), other $\pm 10\%$
High-level Holding Time	1 s ~ 9,999 s
Rated Current	100 A
Protect Circuit	Overcurrent protection
Trigger Mode	Automatic
Output Terminal	HV Shield Terminal

General Parameters

Display Screen	5-inch TFT touch screen
Working Power	AC 380 V, $\pm 10\%$, 50 Hz/60 Hz
Power Consumption	Max. 1,500 W
Communication Mode	Ethernet LAN, RJ45
Working Status Indication	LED indication and LCD display on the front panel
Grounding Method	Flat grounding wire
Dimension	22U rack, 600 (W)*1,250 (H)*800 (D)mm
Weight	Approx. 150 kg
Ambient Temperature	15°C ~ 35°C
Relative Humidity	45% ~ 75%
Atmospheric Pressure	86 kPa ~ 106 kPa

Standard Accessories

Power Cord, Fuse, Test Cable, Grounding Wire, User Manual

Optional Accessories

1	PC Control Software	Model: AutoLab > Support Windows 7/8/10 /11 > Equipped with intuitive user interface for easy operation > Support various operation functions with a built-in standard library > Support remotely control of the test equipment and generate & export test report	
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