



Ground Offset Simulator

GOS 05C200

- ISO 16750-2
- ISO 21780
- GMW 3172
- VW80000
- GB/T 45120

— Features

- > 5.7-inch color touch screen front panel operation;
- > Dual-channel independent flexible configuration;
- > Test current up to 200 A, single-channel max. power 1 kW;
- > Output voltage and current monitoring and protection functions;

— Introduction

The GOS 05C200 is a standalone test equipment used to simulate ground offset and power supply offset of multi-channel power supply circuits.

The device complies with ISO 16750-2 and ISO 21780, and it is also compatible with automobile manufacturer standards including VW80000 and GMW 3172.

— 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), others $\pm 10\%$
High Level Duration	1 s ~ 9,999 s
Rated Current	200 A
Protection Circuit	Overcurrent protection
Trigger Mode	Automatic
Output Terminal	High-voltage shielded terminal

General Parameters

Display Screen	5.7" TFT touch screen
Working Power	Three phases AC 380 V, $\pm 10\%$, 50 Hz/60 Hz
Max. Power Consumption	2,500 W
Communication Method	Ethernet LAN (RJ45)
Working Status Indication	LED indication and LCD display in front panel
Earth Mode	Flat grounding cable
Dimension	22U rack, 600 (W) * 1250 (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, Test Cables, Flat grounding cable, User Manual.

Optional Accessories

1	Automotive Immunity Test Software Model: AutoLab	Support Windows 7/8/10 /11, support Ethernet interface Support test sequence test, easy to operate, generate & export test report	
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