

High Voltage Artificial Network

AN 150C10



- ISO 21498-2:2021
- VW 80300:2021-02
- MBN_11123

— Features

- > 5.7-inch display screen;
- > Meets ISO 21498-2:2021, VW 80300: 2021-02 and MBN_11123 standard testing projects;
- > Can simulate various complex electrical environments of high-voltage components of new energy vehicles in practical application scenarios;
- > Supports testing with a maximum DC current of 1500 V and 100A;
- > High voltage shielded terminals are safe and convenient;

— Introduction

AN 150C10 is designed according to ISO 21498-2, MBN_11123, and VW 80300, with capacitors integrated with impedances of 0 m Ω , 10m Ω , 25 m Ω , 50 m Ω , 100 m Ω , and 10 mF. This device can be used for testing with a maximum DC current of 1500 V and 100A.

— Application Areas



Technical Parameter

Frequency Range	10 Hz~150 KHz
Output Impedance	0 mΩ, 10 mΩ, 25 mΩ, 50 mΩ, and 100 mΩ impedance curves
Inductance	1 μH
Grounding Capacitance	1 μF
Decoupling Capacitor	> 10 mF
Input Voltage	MAX 1500 V DC
persistent Current	MAX 100 A
Capacitor Voltage Monitoring	Monitor the voltage value at the 10mF capacitor terminal
Temperature Protection	Stop operation when the internal temperature of the equipment exceeds 80 degrees Celsius
Changes In Amplitude And Position	Static, linear

General parameters

Scope Of Working Power Supply	AC 220 V±10%, 50/60 Hz±5%
Fuse	6 A
Maximum Power Consumption	400 W
Instrument Grounding Connection Method	Use a flat grounding wire
Cabinet Size	35U (600*800*1850 mm)
Weight	About 260 kg
Temperature Range	15-35°C
Humidity Range	10% - 75%
Pressure Range	86 kPa – 106 kPa

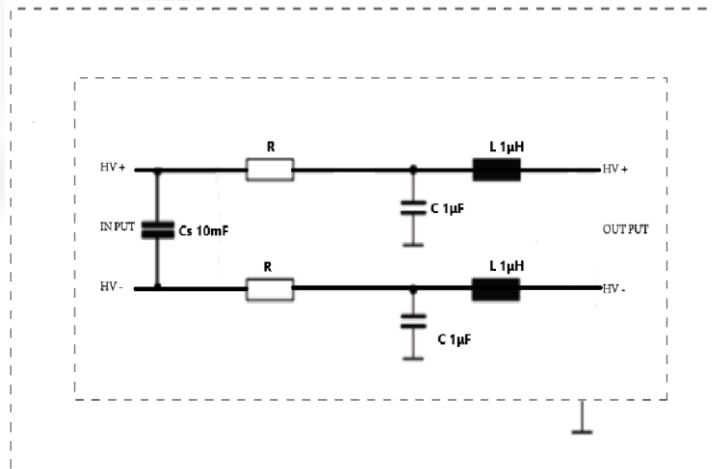
Standard accessories

Power line, test line, grounding wire, instruction manual

Optional accessories

Automotive Immunity Testing Software Autolab	Supports Windows 7 and Windows 8, 10, and 11. It is easy to use, has a beautiful and intuitive user interface, and various operational functions and standard testing libraries allow users to easily complete custom testing programs; Users can customize any waveform (outside of the standard library); It can automatically/manually identify the connected Autolab testing equipment and perform automatic configuration; The template based reporting feature can help users generate test reports flexibly.;
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The standard schematic diagram is as follows:



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