

Load dump simulator

LDS 200



As per	
> EN 301489-1	> BMW 600 13.0(Part 2)
> EN 301489-17	> BMW GS 95002(1999)
> EN 300329	> BMW GS 95003-2
> EN 300340	> Case New Holland ENS0310
> ISO 7637	> Chrysler PF-9326
> ISO 16750	> Claas CN 050215
> SAE J1113	> Cummins 14269(982022-026)
> SAE J1455	> DaimierChrysler DC-10842
> JASO	> DaimlerChrysler PF-10540
> Nissan	> FAW Diesel ECU MY06.0(Rew.7)
> BMW-(Airbag ECU)	> Fiat 9.90110
> BMW 600 13.0 (Part 1)	> Ford EMC-CS-2009.1
	> Ford ES-XW7T-1A278-AB

Description

Load dump simulator LDS 200 simulates a sudden battery disconnection from the alternator, which cause the lost of the battery load the alternator generates an over voltage impulse. Such load dump pulses are high energy pulses with a high potential of destruction. The LDS200 generates the load dump pulses as per ISO 7637, ISO 16750-2, SAEJ 1113, SAEJ 1455, JASO and many more manufacturer specification, e.g. Ford, Chrysler, Renault, PSA, and NISSAN etc. By means of a built-in clipping circuit the LDS200 also create clipped load dump pulses as per international standards as well as manufacturer requirements.

- Features**
- > 5.7 inch color touch screen
 - > Generates clipped load dump pulse
 - > internal adjustable source impedance
 - > Pulse duration up to 1200ms (internal resistance more than 2 Ω)
 - > Comply with most international standards and car manufacturer standards
 - > Built-in 60V/30A coupler
 - > With the function of current detection and over current protection
 - > Ethernet, RJ 45, PC control, and test report documentation and print

- Application**
- > Automotive
 - > Military
 - > Communication
 - > Avionics

Technical parameters	
ISO16750-2 TEST A/B & ISO7637-2 P5a/P5b	
Pulse amplitude	30-210V, 0.1V steps
Clamp voltage	15-200V, 0.1V steps
Impedance(Ri)	0.5-8Ω, 0.5Ω adjustable
Rise time	5-10ms
Duration	40-400ms, 1ms adjustable
Repetition time	15-600s, 0.1s depending on pulse energy
Pulse output mode	Single, continuous, 1-9999 program control mode
Output	Can be connected with TIS700
Coupling	Couple with positive pole
Decoupling	Built-in diode
DUT supply	Max. 60V
被试设备供电	Max.30A、50A、100A、200A
CRO	Trigger OSC 5V TTL signal
External trigger	Close trigger, BNC connector
Serial port	LAN Ethernet RJ45
Supply voltage	AC 110/220V, ±10%,45-65Hz
Temperature	15-35°C
Dimension	450 x600 x266mm(6U cabinet)
Weight	Approx. 20Kg

选型	
LDS 200	DUT supply highest 60V/30A
LDS 200 N50	DUT supply highest 60V/50A
LDS 200 N100	DUT supply highest 60V/100A
LDS 200 N200	DUT supply highest 60V/200A

Basic accessories
Simulator, user manual, test report, test cable, power cord, fuse
Software
AUTO Lab
With PC installed WIN XP and WIN7, it can be easily operated to make the measurement, based on the customized test program. It can identify any device for AUTO Lab test with automatic configuration. It can easily generate test reports.



> EMC Worldwide: www.3ctest.cn

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