

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 | > Ford EMC-CS-2009.1 |
| (Part 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 | > Communication |
| > Military | > 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
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℃
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.



CONNECT 3CTEST

SUZHOU3CTEST ELECTRONIC CO., LTD

Unit 2, Anda Industrial park, Jinshan Rd, SND, Suzhou, 215011, China
Tel: +86-512-68413700/3800/3900
Fax: +86-512-68079795
Web: www.3ctest.cn
Email: info@3ctest.cn

SHENZHEN OFFICE

Room 402, the 4th floor, Fuan Technology Building, No.13,
Nanshan Technology Park, 518053, Shenzhen, China
Tel: +86-755-86626625/ 86344313
Fax: +86-755-26966255

TESTEK Co. , LTD

Contact person : Mr.Sungoh Woo
Email : woo@testek.co.kr
Tel : 070-4099-2072 / H.P : 010-6500-6648
Address : 601Ho, SungwoonKoa, 141 Hyeonam-ro, Suji-Gu, Yongin-Si,
Gyeonggi-Do, 448-808

Europe: AR Europe

Yvonne McGlinchey
ymcglinchey@ARWorldId.US
+353 61 504300
Address: First Floor Ashling Building, National Technology
Park, Limerick, Ireland

BEIJING OFFICE

Room D206, D block, Keshi Building, No.28, Shangdixinxi
Road, Haidian District, Beijing
Tel: +86-10-82899948/ 82899984
Fax: +86-10-82899943

CHENGDU OFFICE

Room 1501, Unit 3, Ideal Centre, No.38 Tianyi Street, SND,
6100085, Chengdu, China
Tel: +86-28-85327800/85327600
Fax: +86-28-85311400

TAIWAN OFFICE

6F-5, No. 130, Ln. 235, Baoqiao Rd,
Xindian District, New Taipei City, 23145, Taiwan
Tel: +886-2-89121185 Fax : 886-2-89121812
Email: rich.tec@msa.hinet.net