

Automotive Transient Conducted Immunity and Voltage Variation Immunity

EMS7637A Automotive Immunity Test System simulates the typical electromagnetic disturbances when the vehicle is normally running.

Order information

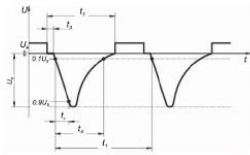
➤ EMS7637A Automotive Immunity Test System

EMS7637A Automotive Immunity Test System integrates the waveforms of P1, P2a, P2b, P3a, P3b, P4, P5a, P5b, P6 and voltage variation immunity, and can fully meet the latest requirements of ISO7637, ISO16750-2, car enterprises standards of Europe, US, Japan, Korea and China.

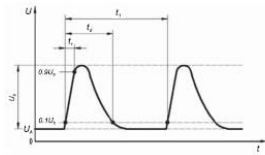


- Highly efficient and flexible combination, meet a variety of test requirements
- LCD touch screen and good user experience
- Real-time monitoring and analysis of electrical parameters
- Abnormal status monitoring and protection, such as overvoltage, overcurrent, short circuit
- Support U disk data import and export
- RJ45/WIFI communication and remote control
- Rack solution, each pulse generator can be independent with Microsoft Windows 10 and a touch screen panel
- CE marking and calibration certificate from accredited labs(ISO/IEC 17025)

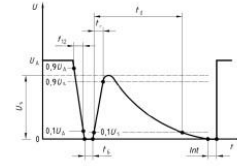
Waveform



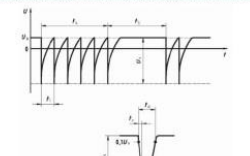
P1



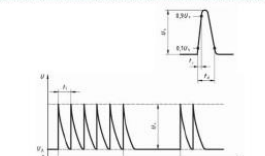
P2a



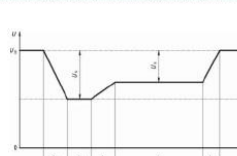
P2b



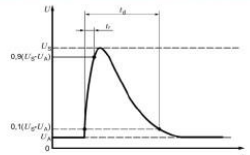
P3a



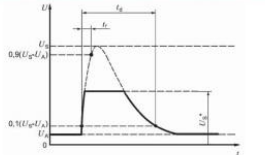
P3b



P4

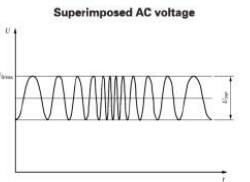


P5a

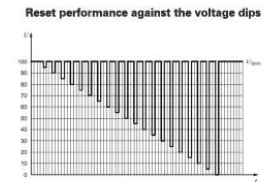


P5b

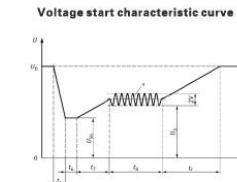
Waveform



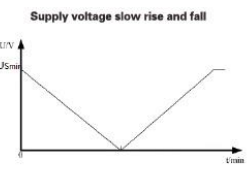
Test: simulate ripple voltage under DC power supply



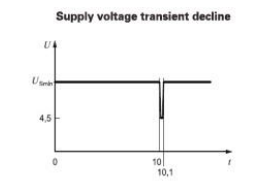
Test the reset performance of the DUT under different voltage dip



Detection DUT characteristics on the vehicle starting



Analog batteries gradually discharge and charge

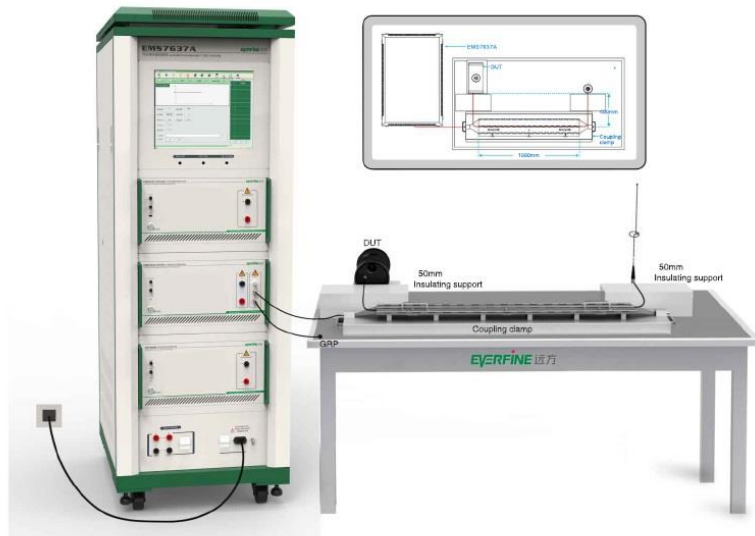


Simulate the influence of the fuse melt of another circuit

Test Set-up



Power cord conducting test diagram



Non-power cord coupling test diagram