

Automotive Spark Immunity Simulator TBZ-50

Datasheet



In Compliance with

- > GB/T 19056-2012
- > JT-T 794-2011

Introduction

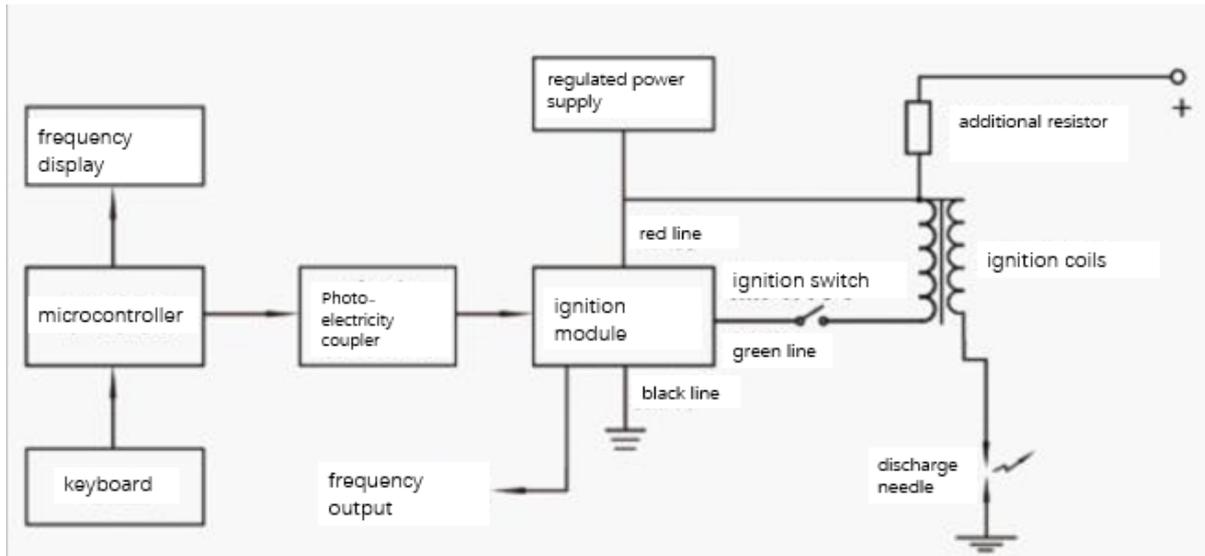
The TBZ-50 automotive spark immunity simulator is designed for testing vehicle electronic equipment such as taximeter and vehicle traveling data recorder. Frequency signal is controlled by single chip to output to ignition module. Ignition coil is controlled by ignition module to produce HV pulse and form reliable spark with adjustable frequency and spark gap. Frequency value of spark is displayed on nixie tube. With the frequency scanning function, spark in the process of vehicle idling, accelerating and decelerating can be simulated.

Features

- > DC voltage: 13 V
- > Needle discharging gap: 10 mm
- > space interference distance: 0.5 m
- > operating mode: 12 Hz ~200 Hz frequency scan

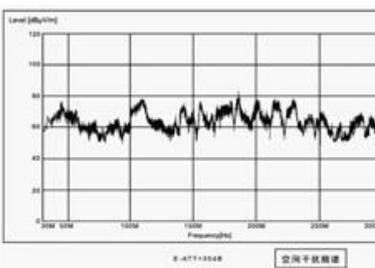
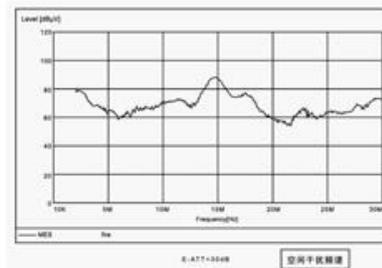
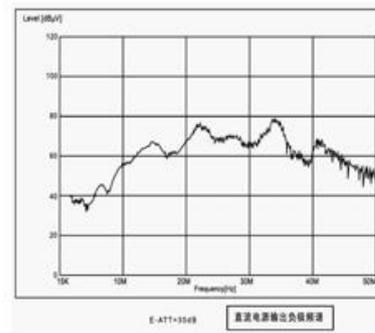
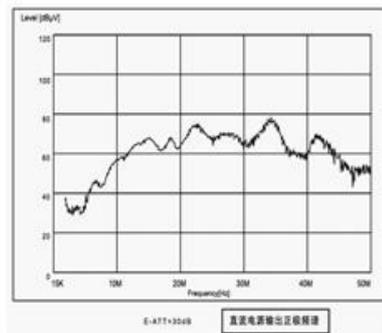
Application Area

- > Automotive



Schematic Diagram

Technical Parameters	
Spark Frequency Range	12 Hz ~200 Hz
Frequency Output	12 Hz ~200 Hz
Frequency Resolution	±0.1%
Discharging Voltage	10 kV ~20 kV
Discharging Gap	5 mm ~15 mm
DC Output Power	36 W
Dimension	520 mm×340 mm×120 mm





SUZHOU 3CTEST ELECTRONIC CO., LTD.

Add.: No. 99 E'meishan Road, SND, Suzhou, Jiangsu Province, China

Tel: +86 (0)512 6807 7192 Fax: +86-512-68079795

Sales Email: globalsales@3ctest.cn Service Email: service@3ctest.cn

www.3c-test.com