



Automotive Spark Immunity Simulator

TBZ-50

- JT-T794-2011
- GB/T 19056

Features

- > DC output voltage 13 V
- > Needle discharging gap 5 mm ~ 15 mm (adjustable)
- > Space interference distance 0.5 m
- > Test frequency is 12 Hz ~200 Hz (frequency sweep)

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.

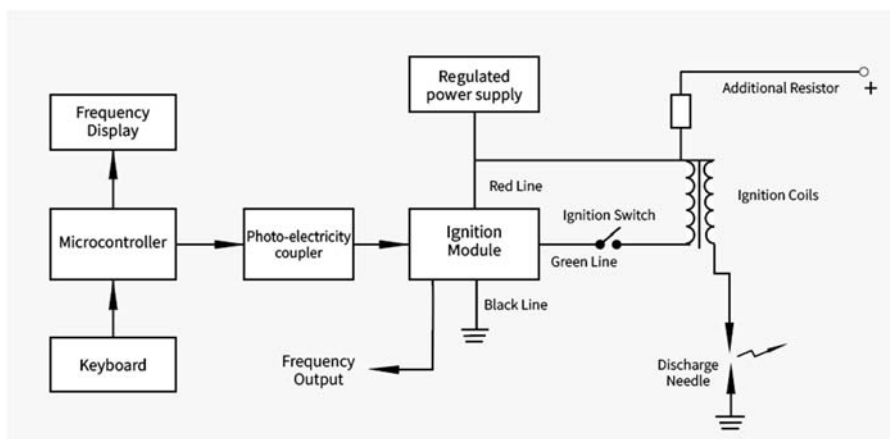
Application Areas



Technical Parameters

Spark Frequency	12 Hz ~ 200 Hz
Frequency Output	12 Hz ~ 200 Hz
Frequency Resolution	± 0.1%
Discharging Voltage	10 kV ~ 20 kV
Neddle Discharging Gap	5 mm ~ 15 mm (adjustable)
DC Output Power	12 V * 3 A
Dimension	520*340*120 mm

Schematic Diagram



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