



### Feature

- The equipment allows to educate overall ignition systems such as composition and operation principles of various types of ignition systems.
- Compares the histories of 4 kinds of ignition systems to those of intake system, being practice training mode has educational function.
- Connection sockets are installed for each sensors, circuits and components so that it is able to help wiring practices and measure wave patterns.
- By manipulating the controller, able to check the waveforms in accordance with RPM speed.
- Students are able to understand flow of entire circuit, find out what causes fault and how to repair.
- The panel composing the ignition circuit is made with aluminum CNC-treated panel.
- Operated as automatic and manual selection by switch operating.

### Specification

- Composition
- Carburetor Point ignition circuit system
- Suction type MPI, Kalman swirl system
- Intake system MPI AFS
- Intake system map sensor
- Independent stand
- 4 Kinds Ignition System
- Optional: Hall electronic ignition system; Magnetic induction ignition system; Photoelectric sensing ignition system; Distributor less MPI ignition system; Distributor less independent ignition system.

### Experiment Possibilities

- Measure the waveforms and check the changes according to RPM speed.
- Engine operation : check the operation of the injector and sparks in the order of switch plugs (1, 3, 4, 2) and inspect whether normal operation of each sensor.
- Failure code : the device allows to inspect failures on purpose.
- Sensor inspection : It is able to check failure by using variable simulation. (Variable RPM : 0 - 3000RPM)

Note: Specifications are subject to change.

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