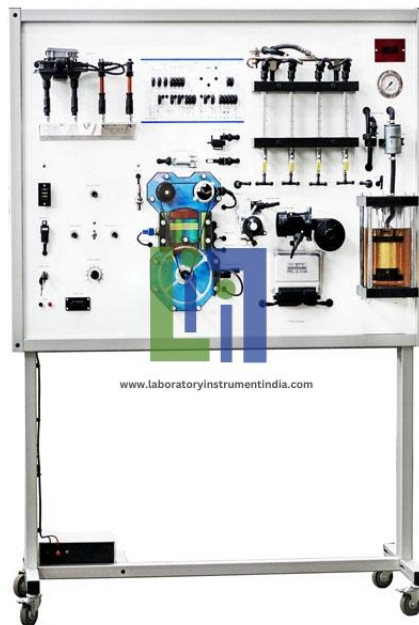




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Engine Control System Motronic

**Product Code :**  
LBNY-0005-10800010



### **Description :**

Engine Control System Motronic demonstration panel represents the multipoint petrol injection (MPI) system MOTRONIC Integrated engine control system shows different operation modes of the fuel injection ignition system and the Engine Control System Motronic is based on OEM components of Audi VW.

The main characteristics and functions of the Engine Control System Motronic trainer are:

Monitoring operation of fuel supply system, injected fuel quantity, spray pattern quality, fuel pressure of the fuel pump.

Built -in fuel pump in a transparent tank which allows to see its operation;

Easy access for high voltage measurements.

Possibility to change the air/fuel mixture by the oxygen sensor signal simulator.

Integrated engine control system with multipoint petrol injection system (MPI).

Adjustable air flow rate simulator allows to demonstrate a work of mass-air flow meter and air temperature sensor.

Visible work process of spark plugs.

Manual adjustment of the engine crankshaft speed.

The Engine Control System Motronic trainer has the following diagnostic and measurement Features:

Displaying the operating system parameters (live data)

Activating the actuators (depending on the control unit)

Control unit diagnosis

Electronic control unit (ECU) identification

Possibility to measure electrical signal parameters of each system component (such as sensor or actuator)

Possibility to measure high voltage circuit of the ignition system

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Throttle valve adaptation Oscilloscope/multimeter (not included in the trainer)  
Possibility to measure the parameters of the system connecting to the banana connector  
Control unit encoding/configuration  
Reading/erasing fault codes.

**Technical Specification :**

Engine Control System Motronic



**Laboratory Instrument India**