



Email : sales@laboratoryinstrumentindia.com

Product Name :
Electronic Fuel Injection (EFI) Training System

Product Code :
LBNY-0002-880001



Description :

Electronic Fuel Injection (EFI) Training System, Electronic Fuel Injection (EFI) Training System Equipments, Electronic Fuel Injection (EFI) Training System Tools, Electronic Fuel Injection (EFI) Training System Tool Kits, Electronic Fuel Injection (EFI) Training System Manufacturers, Electronic Fuel Injection (EFI) Training System Suppliers from India, China, Kenya

Lab Tender Suppliers Africa and Lab Equipment Africa Kenya, Zambia, Chad, Somalia, Senegal, Zimbabwe, Guinea, Rwanda, Benin, Burundi, Tunisia, Uganda, Sudan, Algeria, Morocco, Angola, Ghana, Mozambique, Madagascar, South Africa, Ivory Coast, Cameroon, Niger, Burkina Faso, Mayotte, Sao Tome, Seychelles, South Sudan, Mali, Malawi, Nigeria, Ethiopia, Egypt, DR Congo, Mauritania, Eritrea, Gambia, Botswana, Namibia, Gabon, Lesotho, Guinea Bissau, Equatorial Guinea, Mauritius, Eswatini, Djibouti, Reunion, Comoros, Cape Verde, Western Sahara, Tanzania, Togo, Sierra Leone, Libya, Congo, Central African Republic, Liberia

Technical Specification :

The system comprises all the elements that control the air-fuel ratio and the ignition timing, together with the ECU and all the sensors associated with the control system.

Variation of the engine speed will allow the measurement of parameters within the system that are speed dependent.

This is achieved by changing the rotational speed of the electric motor that drives the unit.

Scope: EFI Petrol Engine Test Bed which is able to give practical exposure to students regarding Electronic Fuel Injection.

The training system originally fitted with an engine and designed for teaching purposes including fault diagnosis and troubleshooting.

Layout: The engine mounted in a steel frame with rubber mounts to reduce vibration and movable hard rubber wheels with locking mechanism.

The battery and the fuel tank mounted to the same steel steel frame.

Technical:

Ability to observe the ignition timing , fuel system operation and to test and troubleshoot fuel.

Specifications:

Injectors: 10 liter fuel tank to store fuel mounted to the frame.

The control panel include starting switch (ignition switch) , ampere meters , cooling water temperature meter , tachometer , oil pressure meter , indication lights etc.

The throttle valve controlling be provided in the control panel Water radiator type cooling system

Alternator with voltage regulator

A complete system with integrated actuators and sensors with ECU such as MAF (Mass air flow sensor),Lambda sensors , knock sensor, temperature sensors , speed sensors etc.

An exhaust system including a manifold with silencer.

Components:

Engine Control Unit integrated with sensors - Throttle Position Sensor (TPS), Crankshaft Position Sensor,Camshaft Position Sensor, MAF (Mass air flow sensor) , Lambda sensors , knock sensor, temperature sensors , speed sensors etc.

Cooling system - Water radiator type

Starting and charging system - Battery , Alternator

Fuel System - Fuel Tank, Fuel pump, Fuel pump re1ay,fue1 injectors

Operational instructions:

A comprehensive operational manual

Laboratory sheets and relevant courseware materials

Required service and maintenance and Safety Practices manuals be supplied do a demonstration after setting up the equipment at the laboratory.



Laboratory Instrument India