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**Product Name :**  
Common Rail Diesel Engine Management System

**Product Code :**  
LBNY-0005-10800012



#### **Description :**

Common Rail Diesel Engine Management System demonstration panel shows the operating of the electronic, mechanic and hydraulic elements that constitute the control and fuel feed system of the contemporary CR/EDC ignition diesel engine.

The Common Rail Diesel Engine Management System is composed of two main modules:

The fuel system enables presentation of the sub-assemblies working and a change of the fuel dose. The pump drive control allows the simulation of the full rotational speed range from the start phase to full capacity. The fault simulation console enables creating of breaks in chosen circuits and observing the reaction of the control system to the occurred position. The measuring panel enables easy installation of the check meters for all the system sensors and working sub-assemblies.

Diesel Common Rail engine control unit, equipped with a microprocessor controller used for the demonstration of the high-pressure pump and electro-injector control system. The module can only work with the pump and injector control module.

Common rail pump and injector control system for demonstration of its working and for the study of the electric and hydraulic parameters of the high-pressure pump and electro-injector control system. The module can work autonomously or together with the Diesel Common Rail engine electronic control unit.

#### **Technical Specification :**

Common Rail Diesel Engine Management System



**Laboratory Instrument India**