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Product Name :	**Product Code :**
Gasoline Direct Injection Engine Test Bench	NLAB-MECHANICALAB210009

Description :

Gasoline Direct Injection Engine Test Bench

Technical Specification :

The experimental engine performance trainer is a fully operational engine mounted on a mobile stand. Trainer is based on 2012 and newer global engine platforms and can be made from any OEM vehicle currently using the GDI (Gasoline Direct Injection) system. The trainer is easy to work on and all major components, wiring and connectors match OEM configuration. Trainer is mounted on a mobile stand constructed of tubular steel equipped with four phenol casters (2-fixed and 2-swivel w/locks). Students can perform many related Engine Performance and Electrical/Electronic tasks using this trainer..

The gasoline direct injection portfolio includes the functional areas of fuel supply, fuel injection, air management, ignition, and engine management and exhaust-gas treatment. The trainer also offers system solutions in order to make valuable contributions to meet exhaust and emissions targets such as EU6d, e.g. through downsizing and CVO (controlled valve operation).

Gasoline Direct Injection Engine Test Bench

FEATURES:

Trainer can be equipped with gasoline direct fuel injection, electronic ignition, system, and wideband oxygen sensor.

Depending on specific application, trainer comes with specific and customized options based on the needs of the customer.

SPECIFICATIONS:

Depending on specific application trainer can be equipped with the latest in engine performance management systems and may include:

Gasoline Direct Injection

Electronic Throttle Control

Wide-Band Oxygen sensor

Catalytic Converter

Variable Valve Timing

CAN Bus

EVAP

Electronic ignition

OEM A/C system

Provide your students with the latest in vehicle systems and diagnostic technologies

Demonstration of systems to groups of students without the access limitations of a complete vehicle

Engine systems respond to inserted faults with real world symptoms, OEM DTC’s, scan tool DataStream changes and malfunction Indicator light operation and oscilloscope pattern changes

Naugralabequipments

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