



Product Overview

The EFI Teaching Board – Diesel Fuel System is a practical training platform designed to demonstrate the working principles, control logic, and diagnostics of electronic diesel fuel injection systems.

The system uses real automotive sensors and actuators combined with electronic signal simulation, enabling safe and effective training without the use of real fuel.

This training board is suitable for technical education environments where understanding diesel EFI operation and troubleshooting is required.

Key Features

- Dry-type diesel fuel system simulation (no real fuel)
- Real diesel EFI sensors and actuators
- Compatible with OEM or programmable standalone ECU
- Visual indication of sensor signals
- Mobile structure with caster wheels
- Designed for hands-on technical training

Technical Specifications

(Specifications unchanged as requested)

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



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Power Supply

- 12V DC (car battery equivalent)
- 220V / 110V AC input with 12V adapter

Board Size

- ~1500 mm (W) × 1000 mm (H) × 200 mm (D)

Frame

- Steel / aluminum frame with caster wheels

Fuel Simulation

- Dry system
- No real fuel
- Electronic signal simulation

ECU

- OEM ECU or programmable standalone ECU

Sensors & Actuators

- Real components for hands-on training

Controls

- Ignition switch
- Throttle simulation lever or potentiometer

Indicators

- LEDs or digital displays for sensor signal status

Training Functions

- Diesel EFI system operation
- ECU input and output signal study
- Sensor and actuator testing
- Throttle and ignition signal simulation
- Fault diagnosis and troubleshooting exercises

Educational Advantages

- Safe training environment without fuel handling
- Realistic simulation using actual diesel EFI components

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- Clear visualization of system signals
- Suitable for classroom demonstrations and lab practice



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