



For group or entire class demonstrations, this trainer offers the instructor a complete common rail diesel engine with an engine management system. It is fixed to a moveable, robust steel frame. Together with the ECU and all the sensors and actuators connected to the control system, the system consists of all the components that regulate the timing of the injectors and exhaust emissions.

The system can be expanded to allow for the insertion of fault situations and the use of specialised test tools to identify these flaws.

This resource is supplied with a manual containing practical tasks and activities.

The trainer can also be used in conjunction with our optional cloud-based software, which offers online interactive theory presentations, investigations, and assessments, which support the practical activities carried out using this resource.

Trainer Enables Demonstrations of the Following:

- The position and mounting of all engine components
- Engine management system fundamentals
- The electronic control unit (ECU)
- Sensor components
- Actuator components
- Pressurized fuel systems
- Fuel injection components
- Turbocharger components
- Exhaust emission control components
- Fault finding

Note: Specifications are subject to change.