



Description

- Fully functional system
- 4 cylinders inline
- Diagnosis through OBD 16 pole diagnostic socket
- Open contacts for measuring system components and circuits
- Fault code simulations

Technical Specifications and Functions

- Educational functional engine model with Common Rail EDC fuel supply system, MAN instrument cluster (dashboard), cooling system, power supply system and the exhaust system.
- Completed with safety removable panels to protect against hot and rotating parts.
- Electrical wiring diagram with built-in banana plug jumpers for measurements and simulation of system fault codes.
- Possibility to simulate more than 10 faults by disconnecting Banana plug jumpers.
- After removing safety panels clearly visible the engine with external components, easy access to the engine and its components for service and maintenance.
- Integrated engine emergency stop button.
- Equipment for technical and vocational automotive education and training.

Diagnostic and Measurement

Oscilloscope/Multimeter

- The system's parameters are measured by connecting to the banana connector
- Possibility to measure electrical signal parameters of each system component (such as sensor or actuator)

Control Unit Diagnosis

- Diagnosis through OBD 16 – pin diagnostic connector
- Electronic control unit (ECU) identification
- Reading/erasing fault codes
- Displaying the operating system parameters (live data)
- Activating the actuators (Depends on the control unit)
- Control unit coding/configuration (Depends on the control unit)

Note: Specifications are subject to change.

Other

- The stand has a closed structure – internal wiring is not visible; Instrument cluster, measurement, and fault simulation panel is integrated into a closed aluminum frame construction
- Dimensions approx.: (HxLxW) 1900 x 3200 x 1300 mm
- Weight (net) approx.: 950 Kg
- Weight (Brutto) with packing approx.: 1200 Kg
- CE certificate

Tesca training equipment is a great tool for professional teachers and technicians that helps explain to students of technical subjects how processes in Educational Truck Diesel engine trainer with CR system (common rail) MVSCR01 operate and its technology.

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