

Product Name :
Automotive Actuator and Sensor Training Stand

Product Code :
CE141



Description :

Automotive Actuator and Sensor Training Stand

Technical Specification :

Automotive Actuator and Sensor Training Stand

Learning Experience:

This demonstration panels can show the main sensors and actuators in a car system.

The device applies to theoretical teaching and maintenance training of the car actuators and sensors for secondary vocational skill schools.

General Characteristics:

Main panel: Dim. mm (Height x Length x Width) : 1800x1600x800 Weight 100 kg

Component bench:

Dim. mm (Height x Length x Width) : 1300x1800x900

Weight: kg 200

Input power supply: A.C. 220V $\pm$ 10% 50Hz

Operating voltage: 12V DC

Operating functioning temperature: -40 to +50

Main Characteristics:

The didactic system is composed of one training panel and one training bench that include :

Throttle control unit,

Accelerator pedal position sensor,

Air-fuel ratio oxygen sensor,

Hall sensor,
Coolant temperature sensor,
Air flow meter,
Ignition coil and ignition module,
Canister solenoid valve,
Oxygen sensor,
Intake air temperature sensor,
Knock sensor,
Boost air recycle solenoid valve,
Boost pressure sensor,
Boost pressure limit solenoid valve,
Camshaft regulating valve,
Crankshaft position sensor,
Oil pressure switch
Coolant level switch
Oil level & temperature sensor

The components on the training bench can be connected to the corresponding terminals on the training panel by connecting wires.

Accessories

Suggested instruments for best practice:

Digital Multimeter (not included)

Automotive Oscilloscope (not included)

OBD Fault diagnosis Scanner (not included)

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