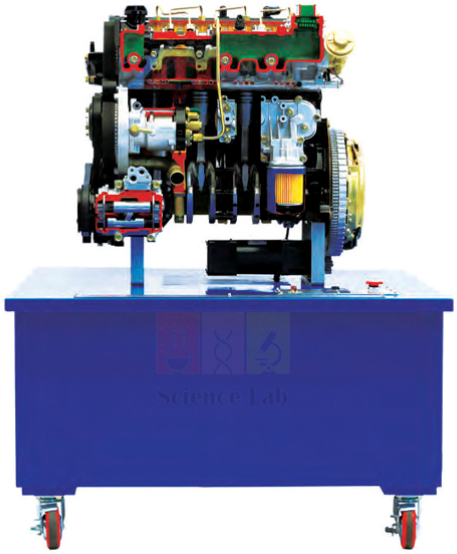
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Product Name :

CRDI Diesel Engine Stand, Motor Type

Product Code :

SLE/ATE/16



Email : sales@scilabexport.com
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Description :

CRDI Diesel Engine Stand, Motor Type (Product Code: SLE/ATE/16) is a motor-operated cutaway of a 2,900cc CRDI Delphi diesel engine, used to explain the structure and operating principle of common rail diesel engines in automobile technology courses. A 220V motor runs the sectioned engine automatically, the way it turns in an actual vehicle, while an LED lamp lights at ignition. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, to colleges and vocational training centres.

Specifications

Parameter	Detail
Engine	2,900cc CRDI Delphi engine, sectioned by precise cutting
Engine equipment	Starting motor, generator, air conditioner compressor, intake manifold
Systems	Fuel system, cooling system, lubrication system
Operation	Automatic operation type, driven by 220V motor with engine speed controller
Indicator	LED lamp turns on at ignition
Protection	Safety breaker, emergency switch, safety fuse
Stand	Steel frame with heat treatment painting; 4 wheels with brakes
Finish	Each engine part painted specifically; incised sections in different colours
Weight	Approx. 150 kg
Size	Approx. 700 × 650 × 1,500 mm
Product code	SLE/ATE/16
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

Training contents:

- Attaching and detaching the generator and starting motor
- Replacing the timing belt and the other engine belts
- Replacing the oil filter

What Is the 2,900cc CRDI Engine Stand Used For?

This stand suits the first weeks of a common rail diesel module, when students need to connect the engine's layout with its operating principle. The LED lamp confirms when the ignition is on, and with the motor running the class can watch the valve train and crank in motion while the instructor explains how a high-pressure common rail feeds each cylinder. Because the engine sits on a relatively light frame, it can be wheeled to the front of a lecture room for demonstration and back

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