Email : sales@scilabexport.com
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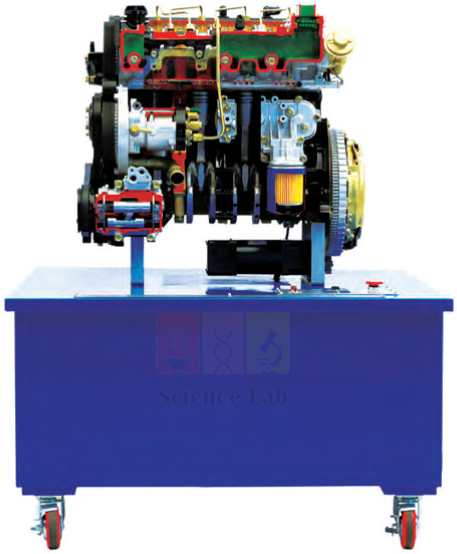
Product Name :

CRDI Diesel Engine Stand, Motor Type

Product Code :

SLE/ATE/16



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Description :

The CRDI Diesel Engine Stand, Motor Type is a sectioned 2,900cc CRDI Delphi diesel engine that a 220V motor runs automatically, the way it turns in a vehicle. An engine speed controller sets the pace, and an LED lamp turns on at ignition. The starting motor, generator, air conditioner compressor and intake manifold stay fitted, and the steel frame rolls on 4 braked wheels.

Motor-type CRDI engine stand 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; 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 and size	Approx. 150 kg; approx. 700 × 650 × 1,500 mm
Training contents	Attaching and detaching the generator and starting motor; replacing the timing belt and the other engine belts; replacing the oil filter
Product code	SLE/ATE/16
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Manufacturer	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Engine cycle and service practicals on the motor-type stand

Four-stroke cycle watch. Run the engine slowly on the speed controller and follow one cylinder through suction, compression, power and exhaust. Students call out each stroke as the piston and valves move, and mark where fuel would enter near the top of compression. Newer groups can start on a simpler four-stroke diesel engine model.

Working out the firing order. Students number the cylinders, then watch the cut crank and valves to find the order in which each cylinder reaches its power stroke. They confirm it over a second full cycle and explain how that order spreads the power impu

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