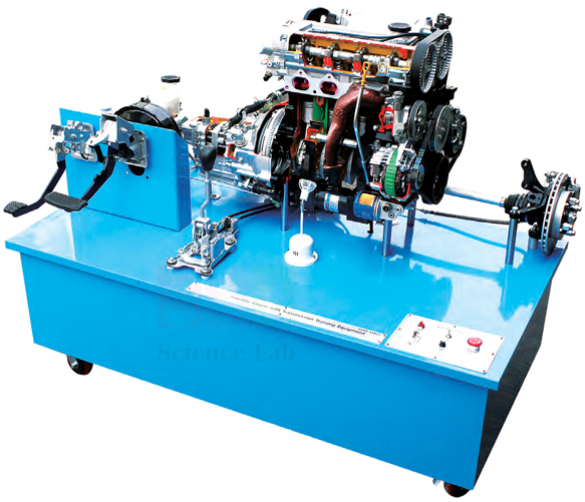
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Product Name :

Automotive Power Train Training Equipment
DOHC Gasoline

Product Code :

SLE/ATE/01



Description :

Automotive Power Train Training Equipment DOHC Gasoline (Product Code: SLE/ATE/01) is a sectioned, motor-driven power train trainer used to teach how a DOHC four-cylinder gasoline engine, FF manual transmission, clutch and brakes work together — engineering lab equipmentin India for automobile, polytechnic and ITI courses. An educational model of the 1,800~2,000cc class, it lets students change gears as on a real vehicle while watching the cut internals. Its training stand and controls are made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India; the DOHC engine and transmission assemblies themselves are sourced production units, not made in Ambala.

Specifications

Parameter	Detail
Engine	DOHC engine assembly, 4 cylinders (educational model for 1,800~2,000cc gasoline engine)
Transmission	FF-type manual, 5 forward and 1 reverse
Other assemblies	Clutch, brake system, drive shaft to the wheels
Drive motor	AC 220 V / 180 W
Controls and protection	Engine speed controller, emergency switch, safety fuse, light
Frame	Steel frame with heat-treatment painting
Wheels	4 wheels with brakes
Sectioning	Precisely cut; each incised section painted a different colour, with brake structure and engine parts painted specifically
Weight	Approx. 250 kg
Size	Approx. 1,600 × 1,000 × 1,200 mm
Engine / assembly	Sourced production unit (as listed)
Product code	SLE/ATE/01
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (trainer built in Ambala, Haryana)

Training contents covered on the unit:

- Replacing brake oil and removing air from the brake system
- Removing and refitting the cylinder head
- Replacing the timing belt and other belts, with belt tension adjustment
- Replacing brake disc and pads
- Removing and refitting the generator and starter motor

What Is the DOHC Power Train Trainer Used For?

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