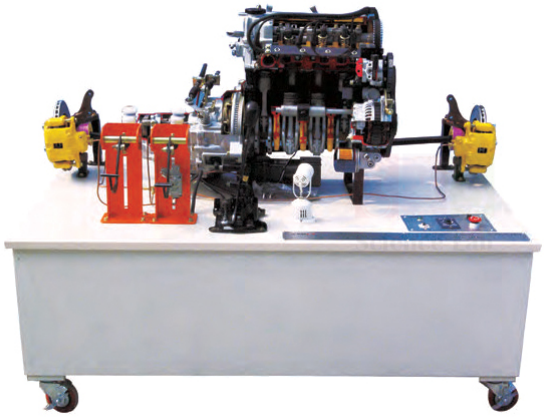
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Product Name :

Automotive Power Train Training Equipment
SOHC Gasoline

Product Code :

SLE/ATE/02



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Description :

Automotive Power Train Training Equipment SOHC Gasoline (Product Code: SLE/ATE/02) is a cut-open engine and transmission rig used to demonstrate an SOHC four-cylinder gasoline power train, from camshaft to drive shaft, in automobile workshops. As TVET lab equipment for engine and brake servicing courses, it offers a simpler single-camshaft valve train and a compact 1,200 × 1,000 × 1,200 mm frame on wheels with brake lock. Its training stand and controls are built by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India, around SOHC engine and transmission assemblies that are sourced production units, not made in Ambala.

Specifications

Parameter	Detail
Engine	SOHC engine assembly, 4 cylinders
Engine class represented	1,800~2,000cc gasoline
Transmission	FF-type manual, 5-speed forward and 1-speed reverse
Further composition	Clutch, brake system, AC 220 V / 180 W motor, engine speed controller, emergency switch, safety fuse, light
Frame	Steel frame with heat-treatment painting
Mobility	4 wheels with brake lock
Finish	Incised sections painted in different colours; brake structure and engine parts painted specifically
Weight	Approx. 250 kg
Size	Approx. 1,200 × 1,000 × 1,200 mm
Engine / assembly	Sourced production unit (as listed)
Product code	SLE/ATE/02
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (trainer built in Ambala, Haryana)

Practical exercises the unit supports:

- Brake oil change and bleeding of air from the lines
- Detaching and re-attaching the cylinder head
- Timing belt and auxiliary belt replacement, and belt tension control
- Brake disc and pad renewal
- Detaching and re-attaching the generator and starter motor

What Is the SOHC Power Train Trainer Used For?

In a single overhead camshaft engine, one camshaft in the cylinder head operates both the intake and e -cam desig cams a real c