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Product Name :

Cut Section Model Of Four Stroke Petrol Engine

Product Code :

SLE/MCE/63



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Description :

Cut Section Model Of Four Stroke Petrol Engine (Product Code: SLE/MCE/63) is a sectioned real engine used to show the internal parts and working cycle of a petrol engine in automotiveand mechanical engineering classrooms. Based on an actual 160 cc, 6 HP engine with itsflywheel on a sturdy iron frame, it is turned by a crank handle so students can follow the movingparts through all four strokes. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**,an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Engine	Actual four-stroke petrol engine, cut-sectioned for training
Displacement	160 cc
Power	6 HP
Operation	Manual, through a crank handle
Flywheel	Provided
Mounting	Sturdy iron frame, on base
Colour coding	Parts, cross-sections, lubricating circuits, fuel system and cooling system painted in different colours
Construction	Specially made dissectible for demonstration
Supplied with	Key card and literature on the working of the engine
Dimensions	500 × 500 × 600 mm
Weight	35 kg (approx.)
Product code	SLE/MCE/63
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Petrol Engine Cut Section Model Used For?

Turning the crank slowly takes the class through the intake, compression, power and exhaust strokes while the cut-outs show the piston, valves and crankshaft moving together. The colour-coded lubricating, fuel and cooling systems let students trace each circuit, and because the model is dissectible, the instructor can remove parts to show them one at a time.

The key card identifies each component and the supplied literature explains the engine’s working, which helps students revise after the lesson. It is a staple of technical educational equipment for motor mechanic trades, polytechnics, engineering colleges and senior school technology streams. Keep it covered between classes so dust stays out of the sectioned parts.

OEM

Jain S