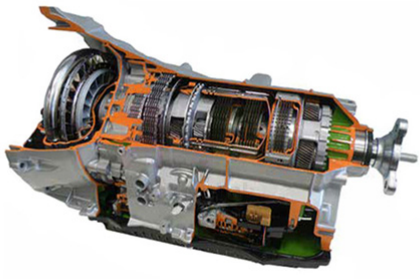
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Product Name :

Cut Model Of Automatic Transmission System

Product Code :

SLE/MCE/61



Science Lab
Email : sales@scilabexport.com
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Description :

Cut Model Of Automatic Transmission System (Product Code: SLE/MCE/61) is a sectioned teaching model used to show how a hydraulic automatic transmission shifts gears, in automotive engineering classrooms and workshops. Made from a full-size original car automatictransmission, it is cut open to reveal the torque converter, planetary gear set, clutches, bands andcontrol valves, and is turned by a hand crank. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM engineering lab equipment manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Base unit	Full-size original automatic transmission of a car (a previously used unit), sectioned for teaching
Transmission type	Hydraulic automatic
Parts shown	Hydraulic torque converter, planetary gear set, multiple-plate clutches, bands, control valves; hydraulic and lubricating oil paths
Gear change	Epicyclic, 5 forward speeds plus reverse
Sectioning	Cut to show the internal gear mechanism for forward and reverse speeds
Operation	Manual, by hand crank applied on the torque converter
Finish	Colour-coded parts; imported colour paint with Miracle gloss coating; many parts chromium plated and galvanized; hardware and gears electroplated
Mounting	Tubular frame stand with wheels
Dimensions	750 × 550 × 700 mm (approx.)
Weight	110 kg (approx.)
Product code	SLE/MCE/61
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Automatic Transmission Cut Model Used For?

Turning the hand crank on the torque converter lets the instructor show, step by step, how oil in the converter carries the drive, how the planetary gear set produces different ratios, and how clutches and bands hold or release gear members to give each of the five forward speeds and reverse. Colour-coding helps students tell the converter, gear train and valve body apart at a glance.

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