Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

FF Auto Transmission 6 Steps

Product Code :

SLE/ATE/09



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Description :

The FF Auto Transmission 6 Steps is a sectioned training stand carrying a front-wheel 6-step automatic transmission and its torque converter. The converter is incised, and each cut section is painted a different colour, so students can follow how engine power reaches the gearbox. The steel stand rolls on four castors with 4-inch urethane wheels and can be turned towards each group.

Six-step FF automatic transmission stand specifications

Parameter	Detail
Composition	Front-wheel 6-step automatic transmission, torque converter
Torque converter	Incised sections, each painted a different colour for teaching clarity
Stand	Steel stand with 4 wheel castors; 4-inch urethane wheels
Finish	Vehicle paint used for painting and coating
Weight	Approx. 60 kg
Size	Approx. 600 × 600 × 1,100 mm
Product code	SLE/ATE/09
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Manufacturer	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Transmission lessons on the six-step stand

Power path through the converter. Start at the engine side of the incised torque converter and follow the colour-coded sections to the transmission input. Students name each section and say whether it turns with the engine, turns with the gearbox input or is held still at low speed.

Four steps against six. Set this stand beside the FF auto transmission stand type, a 4-speed FF automatic. Students sketch engine speed against road speed for both boxes and show why six steps give a smaller drop in engine speed at each change.

Front-wheel-drive layout. An FF transaxle carries the final drive and differential inside its own case. Use the differential gear model to show what that part does, then discuss how the transaxle sits across the engine bay and drives the front wheels.

Manual against automatic. Finish with the manual gearbox trainer, where the driver selects each ratio, and list the jobs that the automatic does for the driver instead.

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