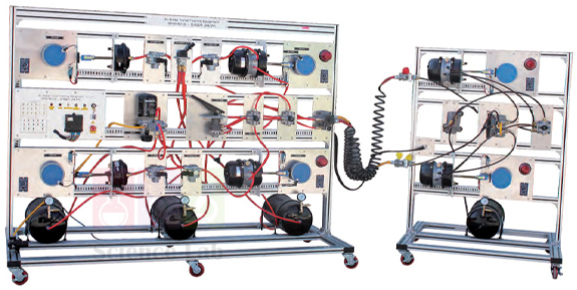
Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Trailer Type Air Brake System Training Equipment

Product Code :

SLE/ATE/11



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

Description :

Trailer Type Air Brake System Training Equipment (Product Code: SLE/ATE/11) is a heavy-truck air brake trainer used to teach the operation, inspection and maintenance of air brakes and ABS in automotive and vocational training workshops. A body-part stand and a separate trailer unit are coupled by air line, so trainees practise connecting the trailer brake circuit while four 120W motors spin the wheels. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM vocational training lab equipment manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Configuration	Brake system from the body part plus a separate trailer unit
Driving motor	Single phase 220V, speed control type, 120W — 4 nos
Wheel control	Wheel rotation and speed controlled with motor
Composition	Air tank, pressure regulator, brake pedal, air pressure gauge, single chamber (2 nos), double chamber (2 nos), ECU, parking brake valve, check valve, ABS pulse ring, PCV modulator, quick release valve, airdryer, double check valve, etc.
Control panel	Check terminal, power lamp, fuse holder, key switch, power switch, emergency switch
Size	Approx. 2,400 x 600 x 1,800 mm (main unit) + 800 x 600 x 1,600 mm (trailer)
Weight	Approx. 150 kg (main unit) + 60 kg (trailer)
Testing	Tests can be carried out with the installed air tank and all components of the air brake system
Product code	SLE/ATE/11
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

Training contents:

- ABS waveform test
- ABS modulator resistance test
- How to use the foot brake and hand control valve
- Completing the brake air line test
- Connecting the air line from the trailer brake system
- Output voltage test

What Is the Trailer Air Brake Trainer Used For?

The feature that sets this trainer apart is the coupling exercise. With the trailer unit parked beside the main stand, students connect the trailer air line and then confirm that a brake application at the p ors can d ch make