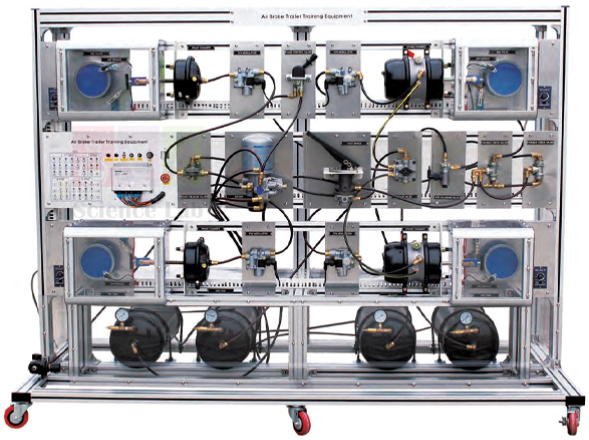
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Product Name :

Trailer Air Brake Training Equipment

Product Code :

SLE/ATE/10



Email : sales@scilabexport.com
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Description :

Trailer Air Brake Training Equipment (Product Code: SLE/ATE/10) is a working heavy-truck air brake and ABS trainer used to teach the operating principle, maintenance and inspection of air brake systems in automotive and heavy-vehicle workshops. Its air tank and brake circuit operate the same as on an actual vehicle, and four speed-controlled 120W motors turn the wheels soABS behaviour can be watched under rotation. The rig is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Type	Heavy-truck air brake system trainer with ABS, testable with the installed air tank and all air brake parts
Driving motors	Single phase 220V, speed control type, 120W — 4 nos
Wheel control	Wheel rotation and speed controlled by 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.
Frame	Profile stand
Control panel	Check terminal, power lamp, fuse holder, key switch, power switch, emergency switch
Safety	Rotating parts covered with acrylic covers; 4 transparent safety covers included
Weight	Approx. 250 kg
Size	Approx. 2,400 × 1,000 × 1,800 mm
Product code	SLE/ATE/10
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

Training contents covered on the rig:

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

What Is the Truck Air Brake and ABS Trainer Used For?

It is used to show trainees how compressed air stops a heavy truck. Instructors usually trace the air pa
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