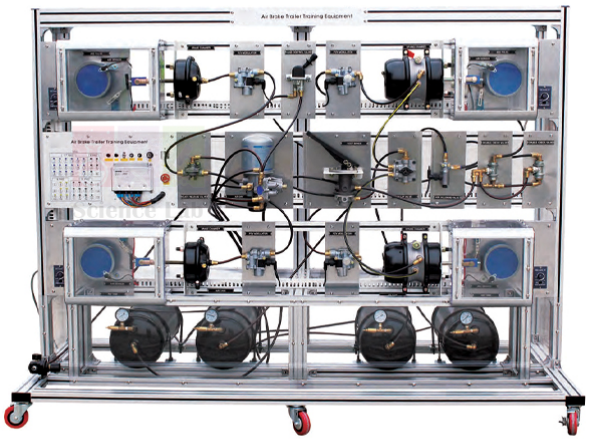
Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Trailer Air Brake Training Equipment

Product Code :

SLE/ATE/10



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Description :

The Trailer Air Brake Training Equipment puts a heavy-truck air brake circuit withABS on one profile stand, and its air tank and brake parts work as they do on a real vehicle. Four speed-controlled 120W motors turn the wheels, so trainees can test the ABS while the wheels rotate and take electrical readings at the check terminal.

Air brake and ABS trainer specifications

Parameter	Detail
Type	Heavy-truck air brake system trainer with ABS; tests run with the installed air tank and all air brake parts
Wheel drive	4 motors, single phase 220V, 120W each, speed control type; 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, air dryer, double check valve, etc.
Frame	Profile stand
Control panel	Check terminal, power lamp, fuse holder, key switch, power switch, emergency switch
Guarding	Rotating parts covered with acrylic covers; 4 transparent safety covers included
Training contents	Use of the foot brake and hand control valve; ABS waveform test; output voltage test; completing the brake air line test; ABS modulator resistance test
Weight	Approx. 250 kg
Size	Approx. 2,400 × 1,000 × 1,800 mm
Product code	SLE/ATE/10
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Manufacturer	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Air brake and ABS exercises on the single-stand trainer

Tracing the air path. Before switching on, trainees follow the lines by hand from the air dryer and air tank, through the pressure regulator, check valve and quick release valve, to the two single and two double chambers. They label each part on a sketch of the circuit and mark the direction of air flow.

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