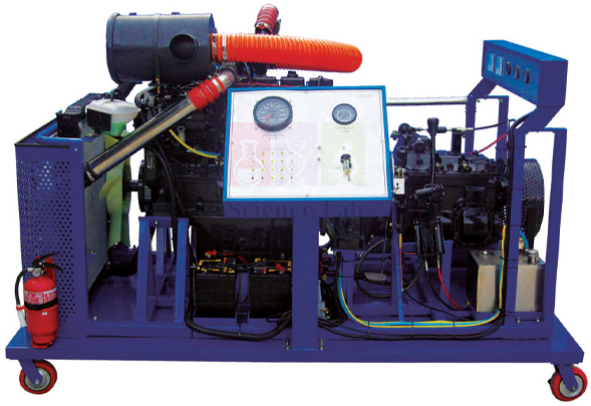
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Product Name :

Large Yard Tractor Engine Fault Diagnosis System

Product Code :

SLE/ATE/24



Email : sales@scilabexport.com
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Description :

Large Yard Tractor Engine Fault Diagnosis System (Product Code: SLE/ATE/24) is a heavy-duty engine simulator built on a Cummins diesel engine assembly of 400HP or more, used to teach fault diagnosis and maintenance of large diesel engines in heavy-vehicle training centres. Check terminals on the electrical circuit and sensors, a 20-port diagnosis terminal and an Auto Fault function support structured fault finding. The system is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as part of its range of engineering lab equipment in India.

Specifications

Parameter	Detail
Engine	Cummins diesel engine assembly, 400HP or more
Fuel and electrical	Fuel filter, fuel tank (removable), fuel pump, fuel, battery, generator
Cooling	Radiator, electric fan cooling system, overflow tanks, antifreeze; stand for the radiator
Exhaust	Exhaust components such as an exhaust silencer
Controls	Ignition switch (key switch), control box, accelerator lever
Control panel	Meter, oil pressure gauge, power switch, power lamp, 20-port diagnosis terminal, voltmeter, ampere meter
Fault function	Auto Fault
Frame and protection	Stainless steel molded-type guards; laser processing protection panel; anti-vibration dampers; urethane wheels
Weight	Approx. 650 kg
Size	Approx. 2,400 × 1,500 × 1,500 mm
Product code	SLE/ATE/24
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

Training contents:

- Exhaust measurement; cylinder compression pressure measurement and inspection
- Connector-checking socket for inspection of sensors and actuators
- Fuel pump operation test; oil pressure measurement and inspection
- Measurement and adjustment of belt tension
- Inspection of automotive electrical parts, fuel system, ECU, sensors and actuators
- Radiator cap pressure measurement, radiator leak test and inspection
- Inspection of every part of the suction and exhaust system
- Inspection of the cooling system, belts and all kinds of pumps
- Inspection of the remaining parts
- Voltage and current measurement and inspection of circuits such as the charging circuit and maneuver circuit

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