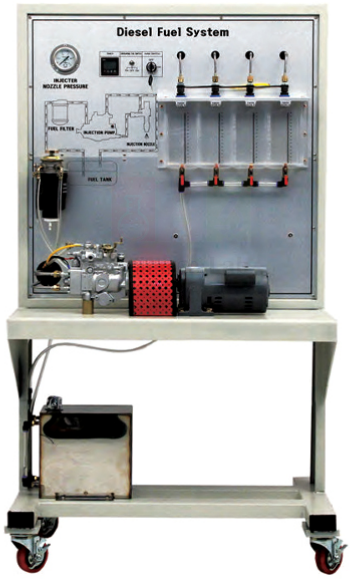
Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Diesel Fuel Injection System VE pump

Product Code :

SLE/ATE/03



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

Description :

Diesel Fuel Injection System VE pump (Product Code: SLE/ATE/03) is a motor-driven training bench used to measure fuel injection against pump RPM and explain the diesel fuel system in automobile engineering laboratories. A single-phase ½ HP motor turns the VE injection pump, with a timer for timed test runs, making it practical engineering educational equipment in India for diesel mechanic and polytechnic courses. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Injection pump	VE pump
Drive	Single-phase ½ HP motor
Timing	Timer
Function	Pump operated by the motor; fuel injection measured in accordance with RPM
Weight	Approx. 100 kg
Size	Approx. 600 × 400 × 1,200 mm
Product code	SLE/ATE/03
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

Training contents:

- Checking the condition of the injection pump
- Operating the single-phase ½ HP drive motor
- Oil flow measurement
- Measuring injection according to RPM
- Checking injector condition
- Study of VE pump injection

What Is the VE Pump Diesel Injection Trainer Used For?

A VE pump is a distributor-type rotary injection pump, in which a single pumping element meters and delivers fuel to every cylinder in turn. On this bench the motor spins the pump at a chosen speed while the timer marks the length of each test run, so a group can record how much fuel is delivered at different RPM and plot the relationship. The same session can include oil flow measurement and a check of injector condition, giving learners a complete picture of how the pump and injectors work together.

The bench bridges theory lectures on diesel combustion and hands-on fuel system servicing. Keep the work area well ventilated, wipe up any spilt test fluid immediately, and switch off the moto

OEM