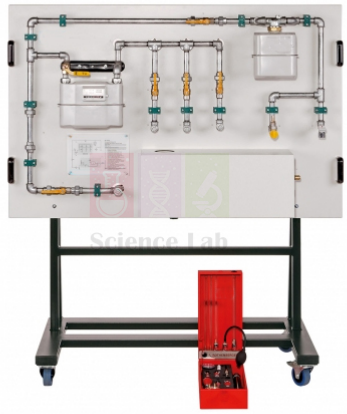
Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Gas Charging Trainer

Product Code :

SLE/MCE/85



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

Description :

Gas Charging Trainer (Product Code: SLE/MCE/85) is a refrigeration service training unit used to practise evacuating a system and charging it with refrigerant in HVAC workshops and technician training laboratories. As vocational training lab equipment, it comes with a vacuum pump, a filling cylinder for 1000 g of R134a and manometers with an R134a temperature scale,so trainees handle the same tasks met in field service. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Construction	Bench-top unit
Evacuation	Vacuum pump with vacuum gauge
Refrigerant filling	Filling cylinder, 1000 g R134a
Gauges	Manometer for intake pressure; manometer for intake and delivery pressure with temperature scale for R134a
Connections	For intake and delivery pressure
Measuring range – intake pressure	?1 to 10 bar
Measuring range – delivery pressure	?1 to 30 bar
Measuring range – vacuum	0–1000 mbar
Measuring range – cylinder	?1 to 25 bar
Dimensions	1000 × 700 × 1400 mm
Weight	110 kg
Power supply options	230 V, 50 Hz, 1 phase or 230 V, 60 Hz, 1 phase
Product code	SLE/MCE/85
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Gas Charging Trainer Used For?

Service technicians must be able to evacuate a refrigeration circuit, confirm the vacuum and then add the correct refrigerant charge. On this trainer students connect service lines to the intake and delivery connections, pull a vacuum with the pump while watching the vacuum gauge (0–1000 mbar), and then charge R134a from the filling cylinder while reading the intake and delivery manometers.

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