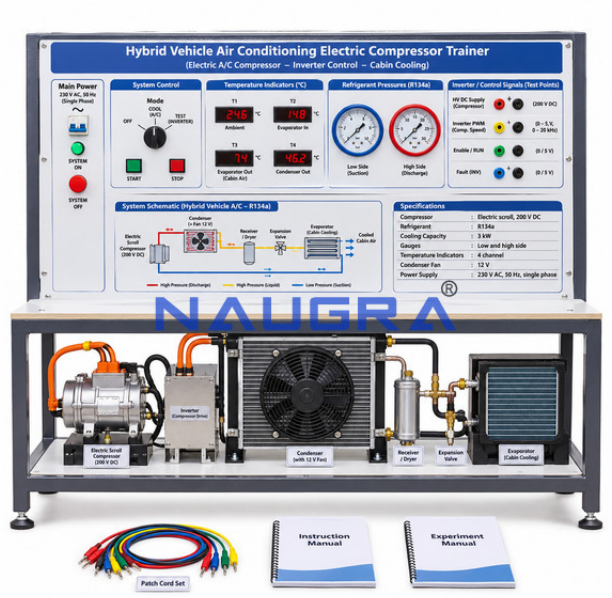
Product name:	Product code:
Hybrid Vehicle Air Conditioning Electric Compressor Trainer	CMI-NP-2095



Description

Trainer with electric A/C compressor, HV supply and refrigerant circuit used in hybrid cars. Teaches inverter driven compressor and cabin cooling. Students operate the system, measure pressures and temperatures and test inverter control signals.

Technical specification

Temperature Indicators	4 channel
Condenser Fan	12 V
Power Supply	230 V AC, 50 Hz, single phase
Construction	Powder coated MS frame with laminated work surface and labelled terminals

Standard Accessories

- Patch cord set
- Instruction manual
- Experiment manual

The Hybrid Vehicle Air Conditioning Electric Compressor Trainer is designed for ITI, polytechnic and TVET laboratories. Students operate the system, measure pressures and temperatures and test inverter control signals.

Features

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- Electric scroll compressor
- Condenser and evaporator
- Pressure gauges and thermometers
- Inverter control module
- Blower fan

Technical Specifications

Compressor	Electric scroll, 200 V DC
Refrigerant	R134a
Cooling Capacity	3 kW
Gauges	Low and high side