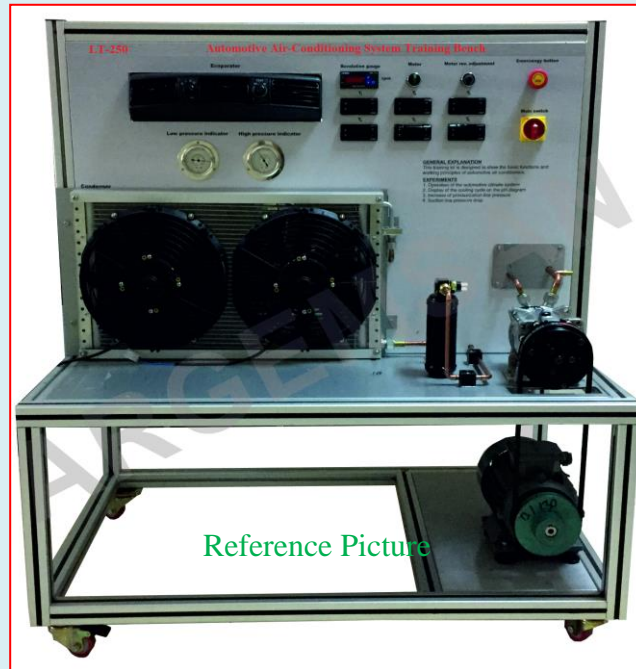




Automotive Air-Conditioning System Training Bench

LT-250

Country of Origin China



Description:

The compressor should be driven by a three-phase motor. A control panel should be operated to demonstrate operation and operating principle of the automotive air conditioner system. The training bench should be made of advanced aluminum-plastic plate with characteristics of not less than 4mm thick, corrosion resistance, impact resistance, pollution resistance, fireproof, and moisture proof. The training bench should be installed with detection terminals to detect electric signals, for example, resistance, voltage, current, and frequency, of circuit components of the air conditioner system. The training bench should be installed with pressure gauges and thermometers, which display real-time pressure and temperature at the inlet and outlet of the air conditioner system. Should be equipped with wireless fault-setting and appraisal system, teachers set faults by tablet PC then ask students to detect and find the fault.

Technical Parameter:

Size: 1000mm × 1000mm × 1800mm (length x width x height). Driving power supply: three phase four wires (three phase five wire 380 ±10% V 50 Hz). External power supply: A.C. 220V ± 10% 50Hz. Operating voltage: 12V DC. Refrigerant: R134a. Operating temperature: -40°C to +50°C

System Configuration:

Detection control panel, Diagnosis socket, Ignition switch, Signal simulator, High pressure gauge, Low pressure gauge, Digital thermometer at the inlet, Digital thermometer at the outlet, Controller assembly, Evaporator assembly, Compressor assembly, Expansion valve assembly, Dryer assembly, Blower assembly, Condenser, Three-phase asynchronous motor, cooling fan, Tablet PC, Intelligent fault-setting and appraisal system, Movable framework (with self-retention wheels).

The supplier should supply automotive air conditioning system teaching software (Standalone Version) with following features: Basic Structure Cognition; Principle Introduction; Trouble Shooting Function; System Detection and repair function; Assessment Function.