



Email : sales@laboratoryinstrumentindia.com

**Product Name :**

HVAC Training Bench Double Zone Automatic Control

**Product Code :**

LBNY-0005-121000250



[www.laboratoryinstrumentindia.com](http://www.laboratoryinstrumentindia.com)

**Description :**

The trainer is designed and constructed using OEM components and has been engineered respecting the OEM design and function. Clear sight glasses have been installed on the inlets and outlets of the H-block type TXV (Thermal Expansion Valve) that allow students to observe H-block operation and refrigerant changes of state. The trainer is equipped with an electrical break out box providing easily accessible electrical test points for the HVAC control head. The HVAC Training Bench with Double Zone Automatic Control is based on a GM Buick Lucerne and has been specifically designed for the instruction of air conditioning systems used in today vehicles.

**Educational Advantages:**

Dual zone automatic temperature control

A/C high and low side gauges and service port fittings for evacuation and recharge

Ability to operate a functional HVAC system in a classroom environment without needing exhaust extraction equipment

Allow students to observe H-block operation and refrigerant changes of state

Accessibility of HVAC components is enhanced by not having the requirement of whole vehicles in the shop

Various operating conditions can be demonstrated by varying the signals of the ECT (Engine Coolant

Temperature sensor), IAT (Intake Air Temperature sensor), TP (Throttle Position sensor) and Sunload sensors

All rotating components are covered with safety shields or guards to prevent injuries.

**Technical Specification :**

HVAC Training Bench Double Zone Automatic Control



**Laboratory Instrument India**