

CAR AIR CONDITIONING SYSTEM SIMULATOR

MODEL: DDC-TB-607P



Description

This product is suitable for colleges and universities, occupation school, auto repair professional teaching, through the product presentation or practical training practice, will enable students to quickly grasp the structure and control principle of auto air conditioner system, speed up the students' understanding on auto air conditioner, belonging to the automobile auxiliary equipment to understand the school teaching ideal.

1. Is equipped with a new TOYOTA corolla car manual car air conditioning system components, including air conditioning compressor, condenser, evaporator box, dry bottle, expansion valve, air blower, normal working device control system components, automobile ignition switch manual air conditioning system. According to the original mode of operation, the dynamic demonstration of manual air conditioning refrigeration process, can fully demonstrate the structure and working principle of automotive manual air conditioning system, suitable for automobile in Higher Colleges and training institutions for students car manual air conditioning system theory teaching and training practical needs
2. The corresponding TOYOTA corolla manual air conditioning circuit panel, made of high strength aluminum composite panel, color laser jet scanning technology, map is installed on the external detection terminal, can be directly detected by sensors, actuators and control units signal pins on the panel, such as resistance, voltage, current and frequency etc..
3. The surface of the metal frame of paint spraying and baking, bright colors, long service life!
4. The power leakage switch is arranged is, can turn on / off the power at any time, with the DC12V power supply to replace the battery, the battery save trouble, more humanized design, convenient use, stand around the iron protection network quality, bench style novel, safe and reliable structure, to ensure the safe use of teaching.

TECHNICAL SPECIFICATION :		
❖ 1 x Movable platform	❖ 1 x Air conditioner pressure switch	❖ Operating power supply: 12V DC
❖ 1 x Panel diagram	❖ 1 x Liquid crystal voltmeter	❖ Refrigerant: R 134a
❖ 1 x Air conditioning control panel	❖ 1 x Three-phase asynchronous motor	❖ Operating temperature: -40°C to +50°C
❖ 1 x Blower	❖ 1 x Leakage switch	❖ High pressure gauge: 0 - 3.5 MPa
❖ 1 x Compressor	❖ 1 x Ignition key / switch	❖ Low pressure gauge: 0 - 1.5 MPa
❖ 1 x High and low pressure air conditioning duct	❖ 1 x Trouble box	❖ Three-phase asynchronous motor: 2.2 kW; 1,420 r/min; 220V/415V AC, 50/60 Hz
❖ 1 x OBDII diagnostic block	❖ 1 x Product manual	❖ Vacuum pump: 120 W; 1,000 r/min; 220 V AC, 50 Hz
❖ 1 x Liquid storage drying bottle	❖ 1 x evaporator	
❖ condenser	❖ 1 x Cooling fan	

Training project

- Good understanding of air conditioning system
- By air conditioning system leak test
- By refrigerant discharge and filling
- By query and fault codes
- High and low voltage measurement by air conditioning system
- Analysis of air conditioning system by
- Analysis of comprehensive detection by air conditioning system
- By air conditioning system actuator test

Manuals:

- (1) All manuals are written in English
- (2) Model Answer
- (3) Teaching Manuals

General Terms:

- (1) Accessories will be provided where applicable.
- (2) Manual & Training will be provided where applicable.
- (3) Design & specifications are subject to change without notice.
- (4) We reserve the right to discontinue the manufacturing of any product.

Warranty:

2 Years

* Proposed design only, subject to changes without any notice.