

Product Name :
Air Conditioning For Automobiles

Product Code :
TK191



Description :

Air Conditioning For Automobiles

Technical Specification :

Air Conditioning For Automobiles

This simulation panel is properly designed and realized to allow an easy and complete learning of the techniques and of the electromechanical and electronic devices that are used for the regulation and control of automotive air conditioning systems.

The simulator is analysing all the phases of the refrigeration cycle.

In particular:

Relations between temperature and pressure in the refrigerant

Operation of the compressor

Operation of the condenser

Pressure switches

Temperature regulation

The trainer is specially designed in vertical frames, bench-top, so as students can watch the theoretical and practical study of the automotive systems. The simulator consist of a panel operated by a PC with a coloured diagram that clearly show the structure of the system and allow the location of components on it.

The display of the information available on the PC screen allow the continuous control of the educational system.

The operational conditions is entered by the students. The insertion of faults is carried out through the PC.

The trainer is supplied with the software and the documentation that guide the student to the study and the performance of the simulation exercises.

The scheme utilize the symbols specified by the DIN regulations. The simulator panels is made of fire varnished metal covered by a coloured polyester glue 150 $\frac{1}{4}$ 3M7962. The front panel have the RAL colour 1007 and

schematic diagram.

General Characteristics:

Dim. mm (Height x Length x Width): 700x1000x150 - (470 with the base)

Weight kg 25

Input power supply: AC 220V $\hat{\pm}$ 10% 50 Hz

Working temperature: -40 $\hat{,}$ f ~ +50 $\hat{,}$ f.

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