



AUTOMOBILE AIR CONDITIONING TRAINING SET





The Automobile Air Conditioning Training Set has been designed to enable observation of conventional air conditioning in an actual automobile as well as failures that may be simulated. The air conditioner dashboard allows the adjustment of evaporator fan speed and cooling level. The condenser is placed behind a grid which guards its surface against impacts. Transparent see-through material has been used in building the mechanical structure of the set, and corrosion-resistant material in building the main body. Measurement points are shown in the block diagram etched on compact laminate.





TRAINING SET



TRAINING SET EQUIPMENT

- Three-phase asynchronous machine,
- Frequency inverter for revolution adjustment,
- Motor tensioner,
- Condenser fan,
- Window for observation,
- Manometer for high-pressure and low-pressure lines,
- Digital manometer for computerizing high-pressure and low-pressure levels,
- Digital temperature sensor for temperature measurements,
- Automobile air conditioning internal unit,
- Magnetic clutch compressor,
- Start, stop and emergency stop switches,
- Residual current device,
- Automatic circuit breaker
- LCD display,
- Service valves,