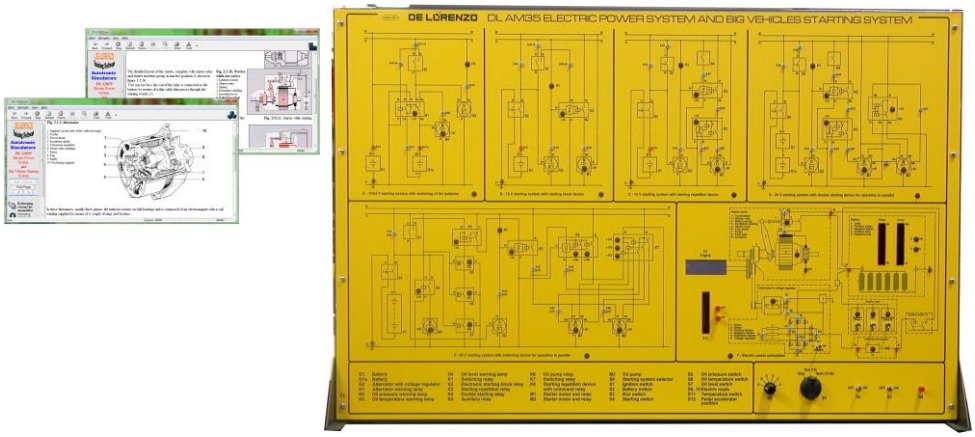
AUTOTRONICS

ELECTRIC POWER SYSTEM



AUTOTRONICS - SIMULATORS

DL AM35

LEARNING EXPERIENCE

This simulation panel mainly takes into consideration the 12 V and the 24 V starting systems with switching of the batteries and the starting systems with the device for starting block.

The simulator analyses also the starting systems with the device for starting repetition, those with the relay for double starting for operation in parallel and those with the switching relay for the operation in parallel.

GENERAL CHARACTERISTICS

- Dim. mm approx (HxLxW) : 700x1000x150 - (470 with the base)
- Weight approx. kg 25
- Input power supply: AC 220V±10% 50 Hz
- Working temperature: -40°C ~ +50°C.

MAIN CHARACTERISTICS

The simulator covers the following subjects:

- Starting systems for automobiles analyses in details the characteristics of the battery, the starting systems and the types of starters
- Recharging systems for car analyses in details the recharging system and alternator, voltage regulation and protections
- Starting and recharging systems in industrial vehicles analyses in details the 12/24 V starting system with batteries switching, the 12 V starting system with starting block device and repeating device, the 24 V starting system with double starting relay for parallel operation, the 60 V starting system with switching relay for parallel operation.

This vertical frame bench-top trainer is specially designed to show to students how automotive systems work. The simulator consists of a panel operated by the support of a computer with a coloured silk-screen diagram that clearly shows the structure of the system and allows the location of the components on it.

The display of the information available on the computer screen allows the continuous control of the educational system. The operational conditions can be entered by the students and the insertion of faults can be carried out through the computer by the teacher.

The trainer is supplied with a CAI Software and the supported documentation guides the students to the study and the performance of the simulation exercises. All components installed and given leads are made to protect the safety of the students.

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