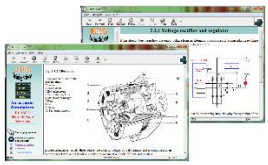
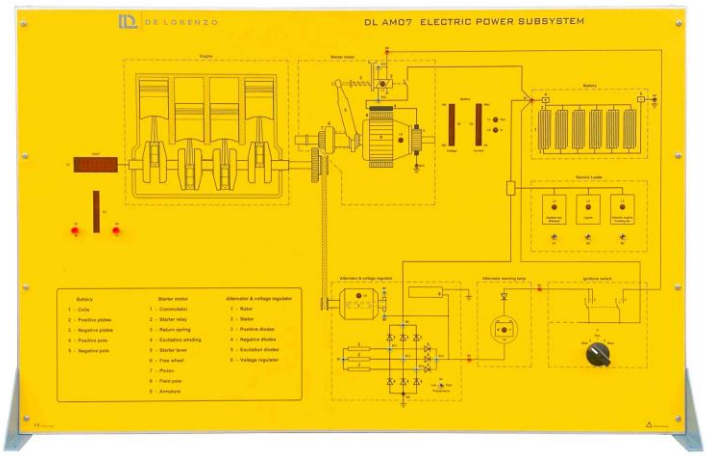
ELECTRIC POWER SUBSYSTEM





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LEARNING EXPERIENCE

This simulation panel deals in detail with all the different phases relevant to the starting transistors, the conditions of standard operation, the recharging and the situations or variation of the electric loads.

The combustion engine has to be started with a special device because, differently from the electric motors or the steam engines, it cannot start by themselves.

The simulator takes into consideration all the devices, circuits and systems for the starting and the recharging.

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

It is possible to simulate:

- Battery
- Starter
- Alternator
- Connecting circuits

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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