



LIGHTWEIGHT ELECTRIC VEHICLES



DL AM21

LEARNING EXPERIENCE

This simulation panel allows the theoretical and practical study of the main circuits and components that are used in lightweight electric vehicles.

The panel divided into four blocks allows an easy and comprehensive learning of the characteristics and advantages of the electric traction developed for urban needs.

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 is divided in four sections:

- A common part where the selector switch is located and other relevant buttons for the interaction of the simulator are placed
- A section for the study of the electric bicycle
- A section for the study of electric scooter
- A section for the study of electric car

For all three vehicles, the simulator can analyse the normal drive operation and those that depends on the slope of the road. Furthermore, the different types of batteries available in the market and their recharging systems are also studied. 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.



AUTOTRONICS



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.

AUTOTRONICS - SIMULATORS