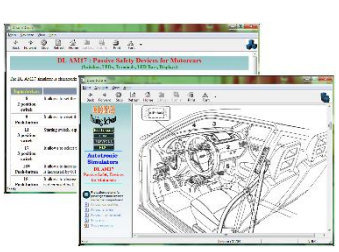
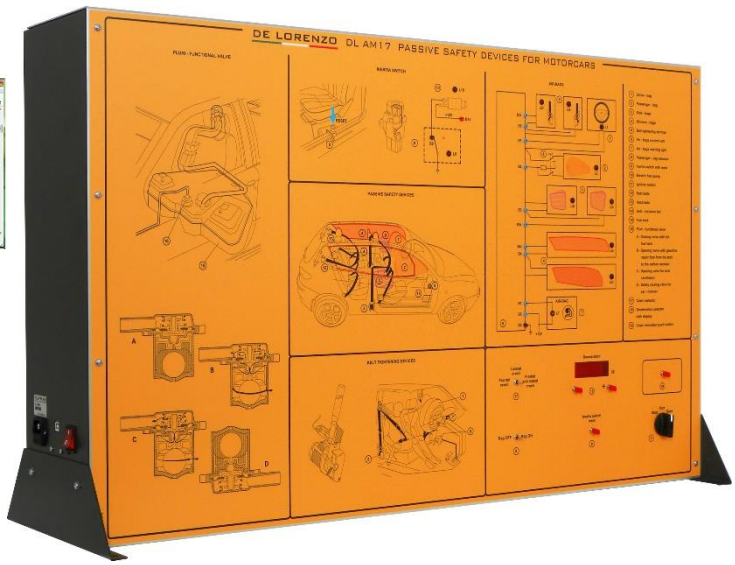
PASSIVE SAFETY DEVICES FOR MOTORCARS





DL AM17

LEARNING EXPERIENCE

This simulation panel allows the testing and the troubleshooting on the devices developed with the purpose of increasing the safety of driver and passengers inside motorcars.

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 considers all those systems to allow the reduction of the consequences of accidents; in particular, the following devices are analyzed:

- air-bag (driver-bag, passenger-bag, side-bag, window-bag)
- safety belts tension relay
- fuel shut-off inertial switch
- multi-function valve in the fuel tank

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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