



CAR LIGHTING SYSTEM TRAINER



DL DM20

LEARNING EXPERIENCE

The trainer allows studying and testing the parameters of the vehicle lighting system subassemblies.

It allows learning the marks and graphic symbols of the electrical installation elements according and testing the resistance, the voltage and the power in the vehicle installation system.

GENERAL CHARACTERISTICS

- Dim. mm approx (HxLxW) : 1700x1000x500
- Weight approx. kg 150
- Input power supply: AC 220V \pm 10% 50/60 Hz
- Operating voltages: 2x12V -15A
- Working temperature: -40°C ~ +50°C.

MAIN CHARACTERISTICS

This demonstration trainer includes the following systems:

- Direction indicators, hazard lights
- Passing lights, driving lights and parking lights
- Fog lights
- Brake and reversing lights
- Headlight lift regulator
- Vehicle interior lighting
- Wiper equipment
- Vehicle horn sound
- Window wash system

The experimental stand allows also to demonstrate the reaction of a system to the most frequently observed types of failures, such as interruptions in output circuits or in output circuits, short circuit to positive or ground.



OTHER CHARACTERISTICS

- a) The system has a modular structure constructed as a frame made by aluminium profiles, where the small modules made of polyethylene and which contains different components, are mounted accordingly with the student/teacher needs in order to realize different experiments.
- b) Entire steel support and the aluminium frame parts of the experimental stand are painted with powder paint for the aesthetic values as well and for long-lasting use
- c) It is manufactured to suit laboratory practices, aiming at measurement of voltage and sequence of input signals and possibility to analyze the responses of the different components to the dynamic changes of the above-mentioned input signals.
- d) The trainer includes several modules and an auto transformer; the modules have insulated front panel and a plastic cover on the back with suitable inclination allowing a safe and ergonomic storage on the desk. Each module has a 4 mm bus for power supply connection.
- e) Complete with user manual that allow teachers to develop their own experiments.