



## PHOTOVOLTAIC SOLAR ENERGY TRAINER



### DL SOLAR-C

Trainer for the theoretical and practical study of the applications of the photovoltaic solar energy in a house.

Composed of:

- A simulation panel with the graphical representation of a house, complete with lamps, switches, motor for the extraction of water, etc.
- Six photovoltaic modules with 2 mm. terminals for experiencing series, parallel and mixed configurations and for measuring voltage and current as a function of the solar irradiation.
- A battery for experimenting energy accumulation.
- A digital multimeter for performing the measurements.
- A lighting bridge over the photovoltaic modules with two 50 W dichroic lamps and an electronic light regulator. It is possible to change the inclination of the bridge from 0 to 90° as well as the intensity of the light in order to simulate in the classroom the effect of the solar irradiation in the different hours of the day.

The trainer is complete with ABS case and experiment manual.

Dimensions of the trainer: 486 x 289 x 70 mm.

Dimensions of the case: 520 x 370 x 120 mm.