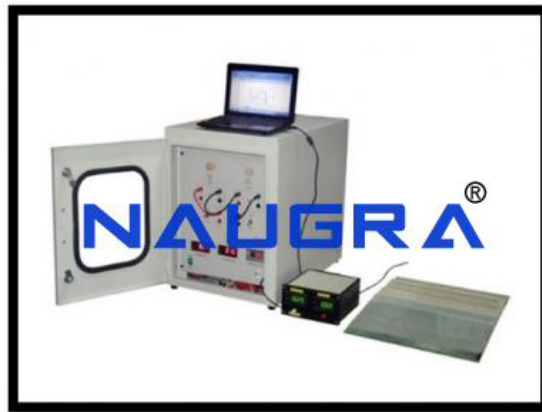


**Product Name :**  
Simulator Of Photovoltaic System

**Product Code :**  
DM422



**Description :**

Simulator Of Photovoltaic System

**Technical Specification :**

Simulator Of Photovoltaic System

Colour panel reproducing the photovoltaic system

Board for data acquisition and control of output signals to the actuators

PC connection via USB cable

6 potentiometers to simulate the following analog inputs:

- solar radiation - storage battery charge- power requested by user - panel inclination angle (referred to the horizontal surface)- panel azimuth angle (referred to south direction) - time of day

8 bar LEDs to simulate the following analog outputs:

- photovoltaic panel voltage - panel output current- battery voltage - current supplied/absorbed by the battery- current absorbed by the inverter - solar power incident on the photovoltaic panel- power absorbed by users - system efficiency

4 switches to simulate the following digital inputs: - enabling system operation - season (summer/winter) - clouded sky-breaking of a photovoltaic cell

3 LEDs to simulate the following digital outputs:- alarm for low charge level of the storage battery- alarm for inverter overload- battery in charging or discharging phase

Simulation program of photovoltaic system operation Power supply: 230 Vac 50 Hz single-phase - 200 VA

Dimensions: 42 x 12 x 40 cm

Weight: 16-25 kg

## Naugralabequipments

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