



THE LAB EQUIPMENT

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Product Name :

Solar Photovoltaic Large

Product Code :

SLE/PHY/219



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Description :

Correlating school physics with practical usage of the photovoltaic cells is a specialty of this system.

The Solar lighting module (included) is required only for a few experiments - which can be operated with a student's power supply.

The system has been conceived in such a way that most experiments can be conducted in normal room lighting.

An external power supply is not necessary for these experiments.

Technical Specifications :

List of components:

- 3 x Solar module 0.5 V, 420 mA
- 1 x Solar module 0.5 V, 840 mA
- 1 x Solar module 1.5 V, 280 mA
- 1 x Solar-Base unit Large
- 1 x Lighting module
- 1 x Motor module without gear
- 1 x Color discs - Set 1
- 1 x Solar cell cover set (4 pieces)
- 1 x Color filters
- 1 x Box
- 1 x Capacitor module 220 mF, 2.5V
- 1 x Diode module
- 1 x Resistor module
- 1 x Potentiometer module
- 1 x Gear motor module
- 1 x Buzzer module
- 1 x Vacuum-padding Solar-experiment top, black
- 2 x Vacuum-padding Solar-experiment below, black
- 1 x Lid for tray
- 1 x Layout diagram PV Large
- 1 x Info sheet initial startup

Extras needed :

- 1 x AV-Module
- 1 x Power Module
- 2 x Test lead black 25 cm
- 2 x Test lead red 25 cm
- 1 x Laboratory thermometer