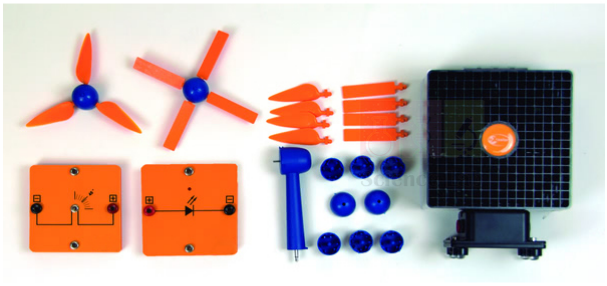
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Product Name :

Solar Wind Basic

Product Code :

SLE/PHY/226



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Description :

Solar Wind Basic (Product Code: SLE/PHY/226) is a beginner wind energy set used to introduce the working of wind turbines in primary and junior high school science lessons. Pupils change the number, shape and pitch of the rotor blades on a wind turbine module blown by the included wind machine, and a red LED module (2mA) is provided for simple output demonstrations. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as physics lab equipment in India for use together with the Solar Minikit Basic or Solar Kit Basic.

Specifications

Parameter	Detail
Level	Beginner package for the topic of wind energy
Parameters studied	Number of rotor blades, shape of rotor blades, rotor blade pitch
Wind source	Wind machine (included)
Output module	LED-module 2mA, red
Packing	Carton with insert "Wind basic" and layout diagram
Also required	Solar Minikit Basic (primary school) or Solar Kit Basic (junior high school), each containing the necessary accessories
Product code	SLE/PHY/226
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

List of components:

- 1 x Wind machine
- 1 x Wind turbine module
- 1 x Solar-Wind rotor set
- 1 x Wind rotor set (assembled)
- 1 x LED-module 2mA, red
- 1 x Carton and 1 x Insert Wind basic
- 1 x Layout diagram Wind Basic
- 1 x Instruction for use of finger protector
- 1 x Info sheet initial startup

What Is the Solar Wind Basic Used For?

A typical lesson starts with the assembled rotor set on the wind turbine module and the wind machine placed in front of it. Pupils then swap in rotors from the Solar-Wind rotor set, changing how many blades there are, their shape and their pitch, and compare how well each version turns. This playful approach builds an early understanding of why real wind turbines use the blade designs they do.

Before switching on, teachers should read the finger-protector instruction and the initial start-up sheet, and keep fingers clear of turning rotors. Schools that already use the Solar Minikit Basic or Solar [illegible] and junior [illegible]

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