

Product datasheet (en)

Version: 1209_24.09.2014

Photo:



Name:

leXsolar-H2 Demo

Item number:

1209

Youtube link:

Area of application:

Physics
Chemistry
Technology Training

Dimensions (cm x cm x cm):

84x60x46

Weight (kg):

15,00

User group:

Middle School / Junior High School
Highschool / Secondary School
Industrial Customers

Key facts:

Simple and fast set up
Demonstration kit for teacher-centered approach
Both teacher and professors appreciate it

List of components:

1 x L2-06-121 H2 Professional Complete

Extras needed:

No extras needed, all included.

Extras available:

No extras available.

Description:

With leXsolar-H2 Global, a broad variety of experiments dealing
leXsolar-H2 Demo is a complete experimentation system that conveys the basics of PEM-Fuel cell technologies on the basis of diverse demonstration experiments.
For this reason, leXsolar-H2 Demo can be optimally employed as an introductory explanation of the experiments. Within the teacher-centered instruction, the leXsolar-H2 Demo replaces student experiments completely. Altogether more than 20 experiments from chemistry and physics education are possible.

Experiments:

Characteristics of a solar module
Dependence of photocurrent from the distance and angle of incidence
Characteristics of a electrolyzer
Water = 2 parts Hydrogen + 1 part Oxygen
Characteristics of a fuel cell
Parallel- and serial connection of fuel cells
More than 20 experiments in physics and chemistry

Specifications of components:

Specifications extras needed:

No extras needed, all inclusive.

Specifications extras available:

No extras available.