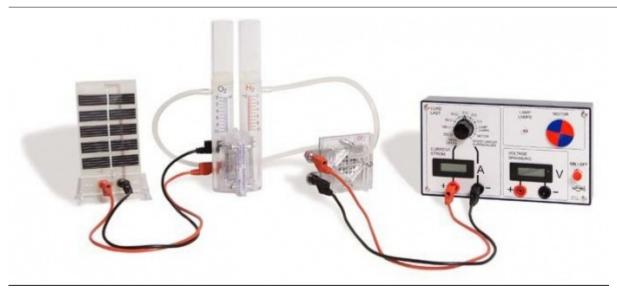


HELAGO-CZ, s.r.o. Commercial Register maintained by the Regional Court in Hradec Králové Section C, File 17879 Kladská 1082 500 03 Hradec Králové 3

Company ID: 25 96 39 61, VAT: CZ 25963961 Phone: 495 220 229, 495 220 394

Fax: 495 220 154 GSM gate: 602 123 096 E-mail: info@helago-cz.cz Web: http://www.helago-cz.cz Science Kit Basic Order code: 5502.350



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Information about product price on demand

Parameters

Subject Fuel cells and "H" technology

Quantitative unit

The Science Kit Basic is distinguished by its versatility. Besides experiments dealing with demountable fuel cells, there are also different experiments dealing with methanol fuel cells. The product includes PEM-fuel cell, an electrolysis unit as well as a handy and robust measuring box with integrated load producer. With the electric loads (like an engine or a lamp) clear and practical experiments are possible.

All required components for the experiments, like cables, are included in the product.

Experiments:

- Functional principles of a fuel cell
- Functional principles of an electrolyser
- How water is split into oxygen and hydrogen
- IV-characteristics of the electrolyser
- IV-characteristics of the fuel cell
- Solar hydrogen circuit

Components:

- Electrolyser
- Fuel Cell
- Solar Panel
- Load Measurement Box
- Instruction Material with Teacher's Guide

Accessories:

- 5502.314 Lamp
- 5502.345 Hand Generator