



Information about product price on demand

Parameters

Subject

Fuel cells and "H" technology

Quantitative unit

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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