



Information about product price on demand

Parameters

Subject

Fuel cells and "H" technology

Quantitative unit

ks

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