

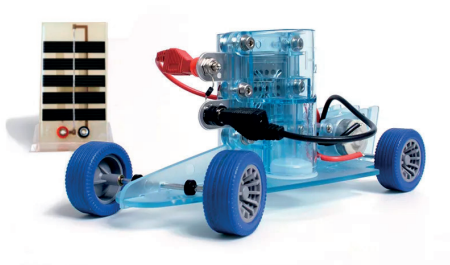


Dr. FuelCell®

# Heliocentris

## Dr. FuelCell® Model Car

Reversible Fuel Cell  
with integrated Gas Storage Cylinders



- A. Car Chassis
- B. Reversible Fuel Cell
- C. Measurement Box
- D. Solar panel (lamp is not included)
- E. Hand Generator
- F. Safety Cables

Electrolysis mode	Fuel Cell mode
1.4...1.8 V	0.5...0.9V
0...500mA	0...500mA
Hyd. production max. 3.5ml/min	Rated output 250mW
Temp. during operation	+10...+35°C

Lamp for operating the solar panels not included.

Demo Version without C, E:	Art: 352
Complete Version:	Art: 354

+ USB - Teacher Guide



\*Lamp ordering separately.



Reversible Fuel Cell

# Power for the 21st Century

## Dr. FuelCell® Sciences Kit Student Kit for Solar Hydrogen Technology

Basic level of Renewable Energy Introduction  
on Single PEM Fuel Cell | Hydrogen Generation | Solar Cells

Electrolyzer	1.4...1.8V	max. 500mA	H3.5ml/min
H2 Fuel Cell	0.4...0.9V	max. 1,000mA	0.25W
Methanol Fuel Cell	0.1...0.6V	max. 100mA	10mW
Take-apart Fuel Cell	0.4...0.9V	max. 1,500mA*	0.3W*
Solar Panel	2.5V	200mA	

Lamp for operating the solar panels not included.

\* in O2 mode

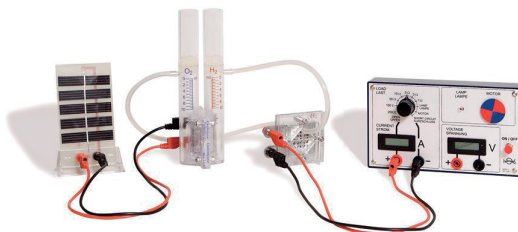
Demo Version:	Art: 350
Complete Version:	Art: 355

4 Books  
with Teacher and Students  
Experiments guides

+ USB - Teacher Guide



### Dr. FuelCell® Demo Version



\*Lamp ordering separately.

### Dr. FuelCell® Complete Version

With Methanol Fuel Cell  
and Dismountable Fuel Cell

Methanol Fuel Cell    Dismountable Fuel Cell





## Dr. FuelCell® Professional

Electrolyze operated via Solar Energy connected to double Fuel Cell

Basic level of Renewable Energy Introduction  
on Single PEM Fuel Cell | Hydrogen Generation | Solar Cells

Electrolyze	1.4...1.8V	max. 4,000mA	max. 28ml/min
Double Fuel Cell Parallel	0.4...0.9V	max. 3.000mA	1.7W
Series	0.8...1.8V		
Solar Panel	2.3V	1000mA	1.7W

Lamp for operating the solar panels not included.\*

Demo Version:	Art: 391
Complete Version:	Art: 392
Optional with Methanol Fuel Cell**	Art: 373

4 Books  
with Teacher and Students  
Experiments guides

+ USB - Teacher Guide



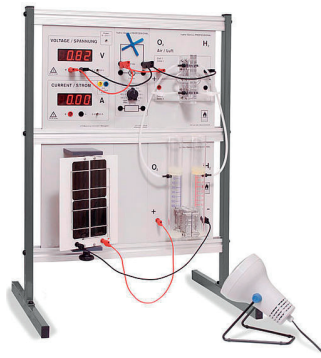
**Dr. FuelCell® Professional  
Demo Version  
without Measurement Module**

**Dr. FuelCell® Professional  
Complete Version  
with Measurement Module**

\*\* Methanol Fuel Cell



\*Lamp ordering separately.



\*Lamp ordering separately.



# Dr. FuelCell® Classroom Bundle

Lamp for operating the solar panels not included.\*

## Dr. FuelCell® Model Car

### Classroom bundle

6 pieces Dr. FuelCell® Model Car



+ USB + 4 books

Complete Version: Art: 926

+USB + Quick Guide

## Dr. FuelCell® Sciences Kit

### Classroom bundle

6 pieces Dr. FuelCell® Sciences Kit



+ USB + 4 books

Demo Version: Art: 916

Complete Version: Art: 924

## Dr. FuelCell® Professional

### Classroom bundle Art.927

optional Classroom bundle  
with Methanol Fuel Cell Art. 928

Complete Version: Art: 927

Complete with Methanol Fuel Cell: Art: 928



+ USB + 4 books

\*Lamp ordering separately.

  
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