

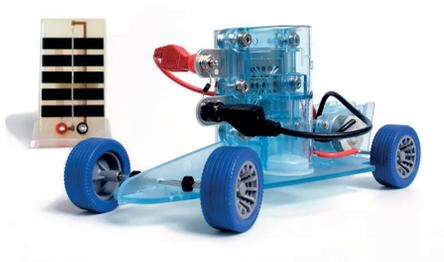


Dr Fuel Cell®

# Heliocentris

## Dr Fuel Cell® 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
LED-Lamp (Single Spot)	Art: 314-LED

+ USB - Teacher Guide



LED-Lamp ordering separately



Reversible Fuel Cell

# Power for the 21st Century

## Dr Fuel Cell® 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

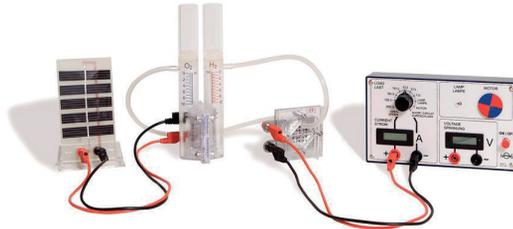
Demo Version:	Art: 350
Complete Version:	Art: 355
LED-Lamp (Single Spot)	Art: 314-LED

4 Books  
with Teacher and Students  
Experiments guides

+ USB - Teacher Guide



### Dr Fuel Cell® Demo Version

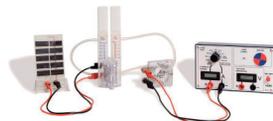


LED-Lamp ordering separately

### Dr Fuel Cell® Complete Version

With Methanol Fuel Cell  
and Dismountable Fuel Cell

Methanol Fuel Cell    Dismountable Fuel Cell





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## Dr Fuel Cell® 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	1,000mA	1.7W

Lamp for operating the solar panels not included.\*

Demo Version:	Art: 391
Complete Version:	Art: 392
LED-Lamp (Double Spot)	Art: 421-LED
Optional with Methanol Fuel Cell**	Art: 373

4 Books  
with Teacher and Students  
Experiments guides

+ USB - Teacher Guide



### Dr Fuel Cell® Professional Demo Version without Measurement Module



### Dr Fuel Cell® Professional Complete Version with Measurement Module



\*\* Methanol Fuel Cell



\*LED-Lamp ordering separately

# Dr FuelCell® Classroom Bundle

Lamp for operating the solar panels not included.\*

## Dr Fuel Cell® Model Car

### Classroom bundle

6 pieces Dr FuelCell® Model Car



Complete Version: Art: 926  
+USB + Quick Guide

## Dr Fuel Cell® Sciences Kit

### Classroom bundle

6 pieces Dr FuelCell® Sciences Kit



Demo Version: Art: 916  
Complete Version: Art: 924

LED-Lamp  
ordering separately

## Dr Fuel Cell® 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



LED-Lamp ordering separately

# Heliocentris

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