

ALTERNATIVE ENERGY SERIES

Fuel Cell Experimentation Set

DESCRIPTION:

Fuel Cell experimentation system in a sturdy carrying case. Consist of PEM Fuel Cell Stack 10 (ten cells), Electrolyser 65, Power Supply 15, Fuel Cell Monitor Pro 3.0, hydrogen storage tank Storage 80, electric load experimentation Set Lamp, Fan, Solar Module 13 and magnetic vertical bracket system Holder Set. The following accessories are also included: water bottle (with distilled water), protective goggles, silicone tubing, textbook



Hydrogen Concept Car & Gas Station

DESCRIPTION:

Our most realistic model car set gives observers a glimpse of the transportation technology of the future. The gas station uses solar power to run an electrolyser and produce hydrogen gas. This gas then feeds the air-breathing double fuel cell on board the car, producing electricity and driving the car forward. One tank of hydrogen produces enough power for a 7-minute run time. Power supply and experiment / textbook included.

Fuel Cell Tutorial Teacher Set

DESCRIPTION:

Complete solar hydrogen system in a carrying case. Consist of Solar Module Tutorial, reversible fuel cell RFC H₂/O₂/Air for production of hydrogen and oxygen, PEM Electrolyser Cell5 for hydrogen and oxygen production, PEM fuel cell for hydrogen/oxygen or hydrogen/air operation, Direct Methanol Fuel Cell with built-in methanol tank (runs on 3% methanol-in-distilled-water solution), PEMFC kit that can be completely disassembled, two hydrogen/oxygen storage tanks for electrolyser and reversible systems, Fan Tutorial and car applications as electric loads, baseplate, Power Supply, Battery Box, connector cables, silicone tubing and 250ml distilled water. Solar cells, fuel cells, gas storage tanks and fan each have a magnetic base and can be combined for numerous experiments such as solar car, hydrogen production in a solar-hydrogen gas station, air breathing fuel cell car, solar hydrogen system, reversible fuel cell system, dismantle fuel cell and methanol system. Comprehensive instructional materials included. Methanol solution is included for products delivered within Europe.

