

HYDROFILL PRO

HYDROGEN ON-DEMAND FOR EDUCATIONAL PROJECTS

The HYDROFILL PRO for schools is a hydrogen on demand system designed for easy and automatic refilling of HYDROSTIK PRO metal hydride cartridges. Add pure water and connect to the AC grid or DC solar or wind power solutions for a renewable hydrogen experience.



HYDROFILL PRO

The HYDROFILL PRO features a high performance personal hydrogen station suitable for HYDROSTIK PRO cartridges and compatible with fuel cell power devices above 2W, and up to 30W. This system is particularly well suited for school science labs and technical learning facilities.



H-CELL 2.0

Miniaturized hybrid hydrogen electric powertrain for 1:10 scale model hobby cars, boats, and robots. Works with HYDROSTIK cartridges compatible with HYDROFILL

FCDK

FCDK™ Hydrogen Maker Development Kit™ provides the maker, engineer, inventor, or hobbyist a modular and open-source hydrogen power solution, as the core to new product innovations.

EDUSTAK PRO & EDUSTAK JUNIOR

Assemble your own fuel cell stack with individually connected cells. Hydrogen is supplied to the fuel cell using refuelable HYDROSTIK cartridges.

HYDROFILL PRO Specifications

Stack type	Proton Exchange Membrane electrolysis cell
Water input	De-ionized or distilled water only
Hydrogen generation capacity	0-3L/h
Purity	99.99% (designed for HYDROSTIK PRO cartridges)
Input Voltage	DC: 2.5V-3.3V
Rated Power	23W(Max)
Hydrogen Output Pressure	2.8MPaG
Dimensions	145(W)X208(H)X153(D)mm
Weight	1.8kg±5%
Power Supply	110-240 VAC/50-60Hz (AC adaptor supplied)
Outlet specification	Designed for HYDROSTIK PRO