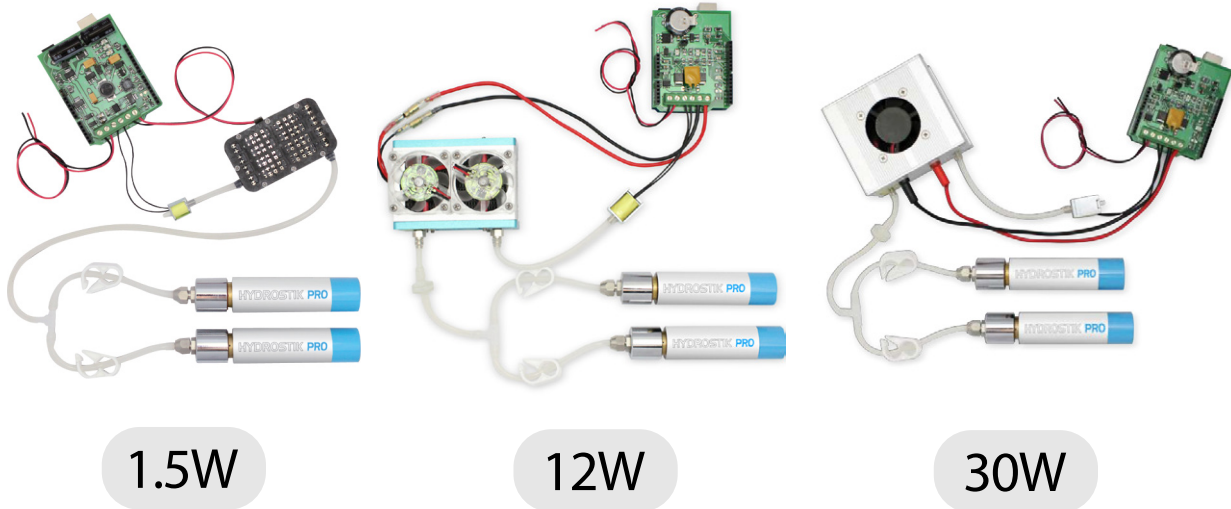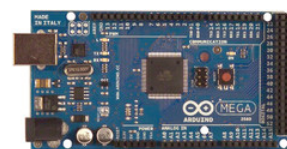1.5W   12W   30W

Product Description

Join the FCDK (Fuel Cell Developer Kit) community and start experimenting with an open-source fuel cell system that enables hobbyists, engineers and aspiring inventors to create their own hydrogen powered devices. Hobbyists have created all manner of hybrid vehicles with FCDK - from RC boats, trains and cars to lighting systems, autonomous robots and more.
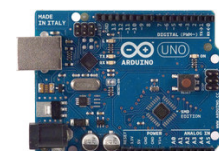
Plus, the thriving developer forum is always there to offer support and encouragement to experienced pros and newbie enthusiast alike. The sky's the limit when you have: HYDROSTIK PRO metal hydride storage cartridges, micro fuel cell technology, pressure regulators, electrical cables, tubing and clips to regulate hydrogen supply, and an electronic controller to manage output voltage for integration with different development boards.
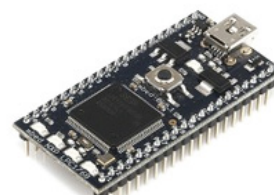
Features

✓Vibrant online "developer forum" for support and encouragement

✓Full integration with popular development boards: Arduino, mbed and Raspberry Pi

✓FCDK hobbyists have created: RC vehicles, robots, lighting systems and much more!

✓Also great for practical applications such as battery chargers and remote temperature sensors - how-to guides included!

✓1.5W, 12W and 30W kits available

Arduino Mega

Arduino Uno

mbed

Raspberry Pi

Language Pack

✓ User Manual : 🇬🇧

✓ Technical Sup. Guide: 🇬🇧

Kit Content

1.5W Developer

✓ 1x 1.5W PEM fuel cell

✓ 1x Pressure regulator

✓ 1x HYDROSTIK (supplied pre-filled)

✓ Silicon tubing

✓ Clips & connectors for silicon tubing

✓ Fuel cell controller shield for Arduino

✓ Hydrogen purge valve

✓ Red / Black electrical cable

12/30W Developer Platform

✓ 1x 12/30W PEM fuel cell

✓ 2x Pressure regulator

✓ 2x HYDROSTIK (supplied pre-filled)

✓ Silicon tubing

✓ Clips & connectors for silicon tubing

✓ Fuel Cell controller shield for Arduino

✓ Hydrogen purge valve

✓ Red / Black electrical cable

*Logistics and Packing Information sections are coming soon.

Add-on

Make your designs truly energy independent with the optional addition of HYDROFILL PRO desktop refueling station.

Recommended Product

Create your own fully integrated hybrid hydrogen-electric applications using metal hydride storage technology of H-CELL.