

FCJJ-44

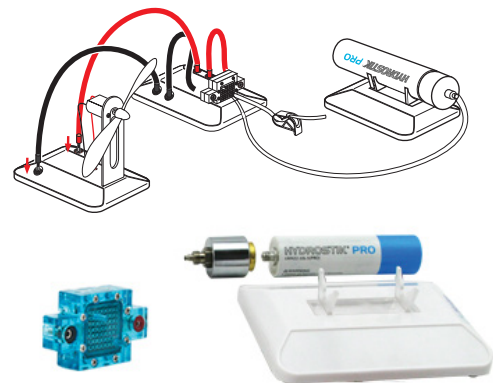


Product Description

Explore the future of energy storage with Horizon's micro fuel cell kit. Power a mini turbine by converting solid state hydrogen in the HYDROSTIK PRO metal hydride cartridge into electrical energy via a Horizon PEM fuel cell. Kids can see the effect as the hydride slowly cools and releases hydrogen into the fuel cell. The process is a model for all micro fuel cell systems—a working example of solid hydrogen storage that can lead to many interesting and creative application ideas.

Features

- ✓ Up to 30 hours of runtime on one full cartridge
- ✓ Features reversible metal hydride cartridge—discover solid hydrogen storage!
- ✓ Develop your own micro-fuel cell applications
- ✓ Easy to integrate and use
- ✓ Compatible with other Horizon science kits



Add-on

Create your own hydrogen powered devices that can be completely self-sufficient, with the optional addition of the HYDROFILL PRO hydrogen station.



H₂ REFUELING STATION



FCH-020

Language Pack

- ✓ Assembly Guide:
- ✓ Technical Support Guide:



Kit Content

- ✓ Micro-fuel cell
- ✓ HYDROSTIK PRO (hydrogen storage)
- ✓ Pressure regulator
- ✓ Fan module
- ✓ Fan blade
- ✓ HYDROSTIK PRO base
- ✓ Micro-fuel cell base
- ✓ Wires
- ✓ Fan blade adapter
- ✓ HYDROSTIK PRO support
- ✓ Clamp
- ✓ Silicon tubes

Certification

ROHS, EN71:PART1;PART2;PART3, EN62115, PHTH-EU, ASTM F963, CPSIA-LEAD, CPSIA-LEAD, CPSIA-PHTHALATES, REACH, EMC, CA.

Packing Information

Case Pack Quantity (units):	1
Master Pack Quantity (units):	24
Packaging Type:	cardboard
20' Container (units):	6550
40' Container (units):	13360
Unit Box Length (cm/in):	21 / 8.27
Unit Box Width (cm/in):	15 / 5.91
Unit Box Height (cm/in):	10 / 3.94
Unit Volume (Litres/Cubic Meters):	3.2 / 0.003
Unit Box Weight (kg/lbs):	0.4 / 0.88
Case Pack Length (cm/in):	63 / 24.80
Case Pack Width (cm/in):	44 / 17.32
Case Pack Height (cm/in):	35 / 13.78
Case Pack Volume Litres/Cubic Meters):	97.0 / 0.097
Case Pack Weight (kg/lbs):	13 / 28.66

*The cartons' size may vary between ±1-2 cm.

Logistics Information

Item UPC-Code:	6942503405255
Item HS-Code:	-
Manufactured in:	Shanghai, China
Local Warehouse	Prague, Czech Republic
FOB Harbor:	Los Angeles, USA
First Ship Date:	available now
Minimum Order:	12