

LWH22-10L-5



## HYDROFILL PRO

The HYDROSTIK PRO is included with all Horizon's advanced educational kits and can be refilled with the HYDROFILL PRO refueling station.

FCH-020

## Product Description

HYDROSTIK PRO is a convenient hydrogen storage solution to fuel your hydrogen powered devices. Hold the latest hydrogen storage technology in the palm of your hand. Rather than compressing hydrogen gas, the safe, and reliable HYDROSTIK binds hydrogen with a metal alloy to form a solid metal hydride.

## Features

- ✓ Stores hydrogen safely in a non-compressed, solid metallic form
- ✓ Refillable multiple times using HYDROFILL desktop hydrogen station
- ✓ Can power Horizon fuel cells up to 30W
- ✓ Compatible with a range of Horizon education products (sold separately)



## Language Pack

- ✓ Language on the box: 

## Content

- ✓ Hydrosktik Pro



## Specifications

<b>Name</b>	HYDROSTIK PRO
<b>Model number</b>	LWH22-10L-5
<b>Capacity</b>	10L hydrogen
<b>Hydrogen purity</b>	≥ 99.995%
<b>Cartridge size</b>	ø22x88mm
<b>Weight</b>	Approx. 105g
<b>Storage material</b>	AB5 metal hydride
<b>Rated charging pressure</b>	3.0MPa
<b>Working temperature</b>	0-55°C (0-131°F)
<b>Service life</b>	10 years

## Certification

CERTIFICATE OF CONFORMITY.

\*All the information in this datasheet is subject to change without notice. In case of doubt please contact the Horizon sales team.

## Packing Information

<b>Case Pack Quantity</b> (units):	1
<b>Master Pack Quantity</b> (units):	140
<b>Packaging Type:</b>	cardboard
<b>20' Container</b> (units):	229545
<b>40' Container</b> (units):	468110
<b>Unit Box Length</b> (cm/in):	9 / 3.54
<b>Unit Box Width</b> (cm/in):	4.8 / 1.89
<b>Unit Box Height</b> (cm/in):	4.7 / 1.85
<b>Unit Volume</b> (Litres/Cubic Meters):	0.2 / 0.000
<b>Unit Box Weight</b> (kg/lbs):	0.1 / 0.22
<b>Case Pack Length</b> (cm/in):	38 / 14.96
<b>Case Pack Width</b> (cm/in):	25 / 9.84
<b>Case Pack Height</b> (cm/in):	17 / 6.69
<b>Case Pack Volume</b> Litres/Cubic Meters):	16.2 / 0.016
<b>Case Pack Weight</b> (kg/lbs):	16.1 / 35.49

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

## Logistics Information

<b>Item UPC-Code:</b>	6942503411201
<b>Item HS-Code:</b>	-
<b>Manufactured in:</b>	Shanghai, China
<b>Local Warehouse</b>	Prague, Czech Republic
<b>FOB Harbor:</b>	Los Angeles, USA
<b>First Ship Date:</b>	available now
<b>Minimum Order:</b>	14