

HYDROFILL

Desktop hydrogen refueling for **HYDROSTIK™** cartridges

World's 1st automatic solid hydrogen cartridge refueling system!

The HYDROFILL system is designed to refill Horizon's HYDROSTIK solid hydrogen cartridges automatically, using a high performance water-based system, from which hydrogen is extracted. 25W(max.) DC power is enough to produce 3L hydrogen per hour, and fully fill one HYDROSTIK for every 4-6 hours. The HYDROFILL produces and stores hydrogen in a safe, solid form using special metal alloys contained in the HYDROSTIK cartridges.

Features:

- Quiet, safe and convenient
- Automatic hydrogen refilling system
- 99.9% hydrogen produced

A TECHNOLOGY REVOLUTION

The HYDROFILL desktop refueler or portable hydrogen cartridges is the most important innovation produced by Horizon Fuel Cell Technologies so far.

The HYDROFILL is the 1st step towards larger scale hydrogen fuel systems for many electric applications - even cars! With HYDROFILL users no longer need to wait for the infrastructure for hydrogen to happen - instead, the users just BECOME the infrastructure!



HYDROFILL Specifications

Stack type	Proton Exchange Membrane electrolysis cell
Water input	De-ionized or distilled water only
Hydrogen generation capacity	0-3L/h
Purity	99.9% (designed for HYDROSTIK cartridges)
Input Voltage	DC: 2.5V-3.3V
Rated Power	25W(Max)
Hydrogen Output Pressure	3.0MPaG
Dimensions	145(W)X208(H)X153(D)mm
Weight	1.8kg±5%
Power Supply	110-240 VAC/50-60Hz (AC adaptor supplied)
Reference	ISO 22734
Outlet specification	Designed for HYDROSTIK