



COMPACT HP HYDROGEN DELIVERY SYSTEM

- Compresses hydrogen from a low-pressure line or an optional, integrated electrolyser
- Delivers ultra pure H₂ at a set pressure up to 200 bar (2900 psi)

ROBUST AND PATENTED DESIGN

- Stores and releases hydrogen from a metal hydride bed
- Operates without moving parts: silently, vibrationless, safely, and without maintenance

PLUG & PLAY, EASY AND SAFE

- Easy manual operation, no time-consuming setup is required
- Avoids the use of high-pressure cylinders in your lab, greatly facilitating operations and increasing safety
- Safe by design with CE marking

PERFORMANCE	
Outlet pressure range	From 10 to 200 bar (145 to 2900 psi)
Hydrogen Storage Capacity	Up to 90 NI or up to 180* NI
Maximum Outlet Flowrate	Up to 0.8 NI/min or up to 1.6* NI/min
Inlet pressure	10 bar
Hydrogen inlet options	Electrolysers, low pressure gas line, high pressure cylinders stored outside
Electrolyser's technology**	Polymer Electrolyte Membrane (PEM) cell
Maximum electrolyser's output flow**	1.2 to 14.2 NI/min at 12 bar***
Electrolyser's water reservoir volume**	0.3 l to 1.1l***
Electrolyser's gas purity**	6.0 to 7.0***
GENERAL	
Gas connections	1/4 inch swagelock compression fitting
Size (W x D x H****)	483 x 481 x 133 mm 19 x 19 x 5.2 inch
Power supply	(110V, 10A -) 230V, 5A – 50/60Hz

* With the expansion module option

** With the hydrogen generator option

*** Depends on the selected model

**** The height is given for a single FLEXI HyCo, without Expansion module, Hydrogen generator or Manual pressure regulator. Contact us to know the exact height of your preferred configuration.