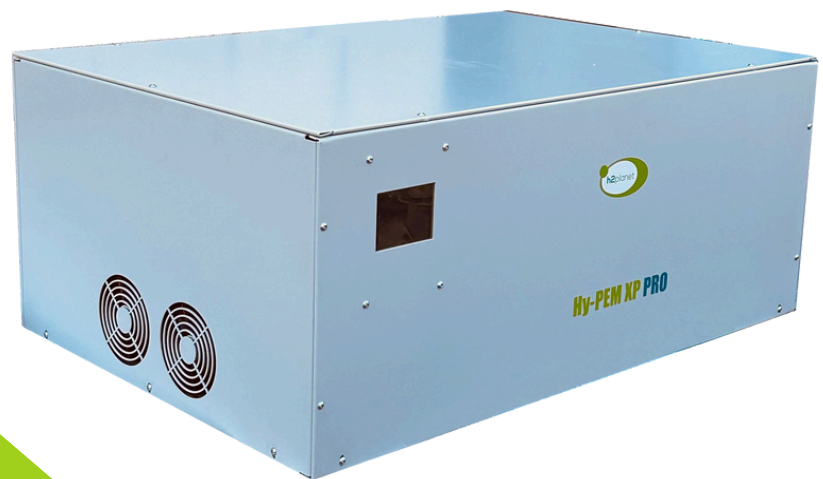
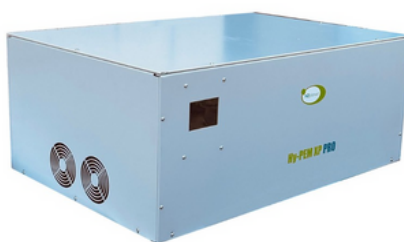




HY-PEM XP BOX



Hy-PEM XP BOX



MAIN FEATURES



The Hy-Pem XP Box uses PEM (proton exchange membrane) technology to produce ultra pure hydrogen under desired pressure without the need for external purification systems or compression .



Powered simply by electricity and double water distillation, the Hy-Pem XP BOX is ideal for any laboratory for application as a carrier gas for GC-FID / GCNPD / GC-TCD, as a reagent gas for GC-ELCD / GCHALL, as a reaction gas for ICP-MS, MPVCD.



In addition, the very high purity of hydrogen produced >99.9999% makes it ideal for storage in metal hydride cylinders for use with fuel cells.

The Box allows installation in any type of environment and enables maximum space optimization with flow rates from 1200 to 3600 mL/minute. The Hy-Pem XP Box is equipped with a touchscreen for real-time display of delivered pressure, self-diagnostics with alarms that detect hydrogen leaks, water level indicator and Ethernet for Modbus TCP/ IP connection.

TECHNICAL PARAMETERS	Hy-PEM XP Box 1200	Hy-PEM XP Box 2400	Hy-PEM XP Box 3600
Dimension L x H x D	75 x 62 x 31 cm	75 x 62 x 31 cm	75 x 62 x 31 cm
Weight	35 Kgs	36 Kgs	37 Kgs
Power supply (V)	230 / 110 Vac	230 / 110 Vac	230 / 110 Vac
Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Maximum Absorption (W)	610	1110	1610
Maximum Capacity (nml/min)	1200	2400	3600
Maximum Pressure (bar(G))	10 – 15 – 20	10 – 15 – 20	10 – 15 – 20
Touchscreen	Yes	Yes	Yes
Autodiagnosis	Yes	Yes	Yes
Ethernet for ModBus TCP/IP connection	Yes	Yes	Yes