

H2 Power 10L

Rackable

High flow and High pressure
Hydrogen generator

The **HydroGen** series **H2 Power 10L** is able to generate up to 10 L/min Hydrogen with purity better than 99.9999% and pressure up to 16 bar (232 PSI). The **H2 Power 10L** (3 modules of 3.3 L/min) includes the long life multilayer electrolytic cell with polymeric membrane (PEM) using distilled water. The innovative gas drying system (A two-column drying system with automatic regeneration) ensures the maximum grade of hydrogen purity, and is completely maintenance-free. The **H2 Power 10L** is ideal for the central supply of a complete laboratory in Hydrogen. The on-board processor constantly control the operating parameters to guarantee full safety. The touch-screen LCD interface provides simple and user-friendly management of all unit functions.

- High capacity Hydrogen Generator
- Compact : 5 Units height only !
- Flow rate up to 10 L/min
- Pressure up to 16 bar
- RS 232/485, USB and LAN
- High purity up to 99.9999 %
- No maintenance
- Safety routine and self monitoring



Smart **Gas** Generators



Swissgas

Specifications :

| | |
|----------------------|---|
| Available Flow rates | 3.33 6.66 or 10 [NL/min] |
| Outlet pressure | Up to 12 bar (174 PSI) or optional 16 bar (232 PSI) |
| Hydrogen purity | 99.9999% (6.0) and 99.99999% (7.0) referred to O ₂ (Dew point <-75°C) |
| Hydrogen outlet | Swagelock 1/8" |
| Cell | Long life multilayer PEM cell |
| Drying system | Innovative PSA Maintenance free |
| Water tank | 1.1 L internal (included) / Auto-refill capabilities included |
| Water quality | < 0.1 µS |
| Dimensions | 19 Inch Rack / 400 mm deep / 5 Unit height (filter excluded) |
| Communication | LCD touch-screen |
| Remote control | RS 232/485 / USB (LAN as option) |
| Net Weight | from 29 to 87 Kg depending of the model |
| Power supply | 24 V DC / 50 A per 3.3 L/min module |
| PS connection type | Triple 4 pole connector |
| | |
| | |

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Models

| | |
|-------------|---------------------|
| 6920 30 033 | H2 power 3.3 l/min |
| 6920 30 066 | H2 power 6.6 l/min |
| 6920 30 100 | H2 power 10.0 l/min |

Options

| | |
|-------------|---------------------------------|
| 6930 00 100 | Pressure up to 16 bar (232 PSI) |
| 6930 00 010 | LAN remote command |
| 6930 00 030 | H2 sensor Kit |
| 6930 00 040 | PC software |

Consummables

| | |
|-------------|---------------------------------------|
| 6930 00 050 | Deionisation cartridge |
| 6930 00 090 | Carbon filter for external water tank |

Accessories

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|-------------|---|
| 6930 00 120 | Power supply module for 3.3 L/min |
| 6930 00 125 | Power supply module for 6.6 L/min |
| 6930 00 130 | Power supply module for 10.0 L/min |
| 6930 00 110 | 5 L external water tank for autorefill |
| 6930 00 115 | 10 L external water tank for autorefill |
| 6800 57 600 | Water deionisation Kit |
| 6800 57 605 | Cartridge for Water deionisation Kit |

