DASTEC S.R.L.
Representantes / Distribuidores Exclusivos
Buenos Aires, Argentina
Tel.: (54 - 11) 5352-2500
Email: info@dastecsrl.com.ar
Web: www.dastecsrl.com.ar

HydroGen

HG 5.0

Hydrogen generator

- New long life multilayer PEM cell
- High flow rate up to 0.7 L/min
- High pressure up to 16 bar
- RS 232/485, USB and LAN
- Auto refill included
- High purity : 99.999 %
- No maintenance
- Safety routine and self monitoring
- Reduced foot print
- Smart humidity safe guard

The **Hydro**Gen series **HG 5.0** is able to generate up to 700 mL/min Hydrogen with purity better than 99.999% and pressure up to 16 bar (232 PSI). The **HG 5.0** includes a new long life multilayer electrolytic cell with polymeric membrane (PEM) using distilled water. No acid or alkaline solutions are used. The inovative drying system ensures the maximum grade of hydrogen purity, protect the GC thanks it's innovative humidity safe guard, is completely maintenance-free and allows continuous operation, 24 hours a day. The on-board processor automatically check for internal leaks and constantly control the operating parameters to guarantee full safety. Up to 20 units can be connected in parallel with the cascading mode.
The touch-screen LCD interface provides simple and user-friendly management of all functions on the unit.

Smart **Gas** *Generators*

Swissgas

Specifications :

Available Flow rates	120 260 350 500 or 700 [Nml/min]
Outlet pressure	Up to 10 bar (145 PSI)
Hydrogen purity	99.999% (5.0) / Dew Point < -30°C
Hydrogen outlet	Swagelock 1/8´´
Cell	Long life multilayer PEM cell
Drying system	Static dryer, no maintenance (Protected by a Humidity safe guard)
Internal water tank	3 L (autorefill management included)
Water quality	< 0.1µS
Specific Sensor	Earthquake sensor
Dimensions [WxDxH]	27x44x41 cm
Interface	LCD touch-screen
Remote control	RS 232/485 (ready for cascading option)/ USB (LAN as option)
Net Weight	max 22 Kg
Power supply	100-240VAC 50/60 Hz
Power consumption	max 480W

Models

6920 10 012	HG5.0-120 ml/min
6920 10 026	HG5.0-260 ml/min
6920 10 035	HG5.0-350 ml/min
6920 10 050	HG5.0-500 ml/min
6920 10 070	HG5.0-700 ml/min

Options

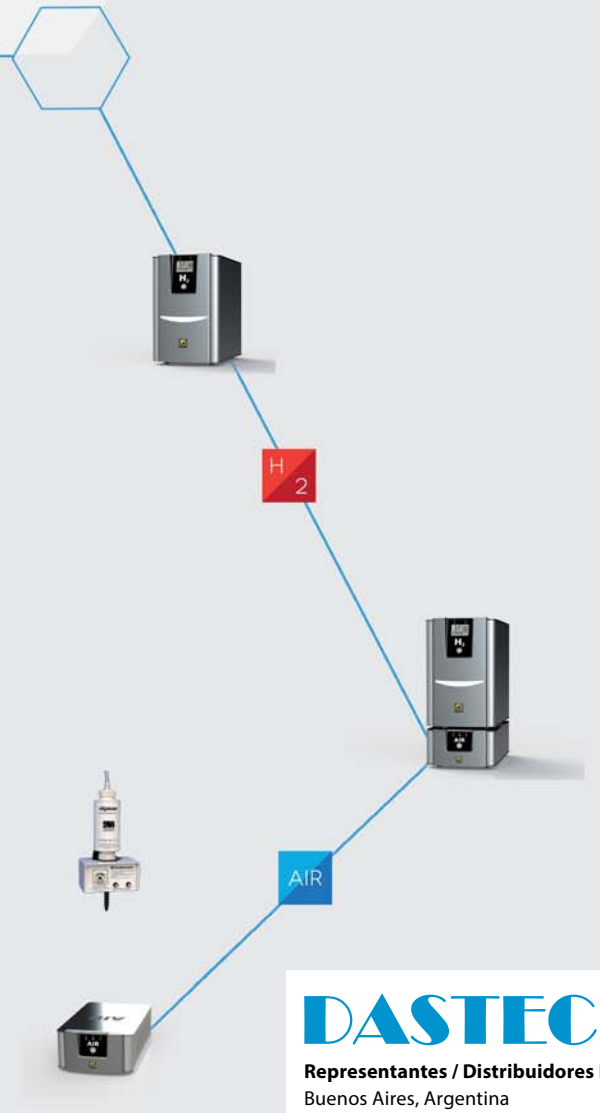
6930 00 010	LAN remote command
6930 00 020	Cascading Box controller
6930 00 030	H2 sensor Kit
6930 00 040	PC software

Consummables

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

Accessories

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



AirGen Series ZA FID Air

6920 25 015	ZA FID Air 1.5
6920 25 030	ZA FID Air 3.0
6920 25 060	ZA FID Air 6.0
6920 25 150	ZA FID Air 15.0

DASTEC S.R.L.
Representantes / Distribuidores Exclusivos
Buenos Aires, Argentina
Tel.: (54 - 11) 5352-2500
Email: info@dastecsrl.com.ar
Web: www.dastecsrl.com.ar

DASTEC S.R.L.
Representantes / Distribuidores Exclusivos
Buenos Aires, Argentina
Tel.: (54 - 11) 5352-2500
Email: info@dastecsrl.com.ar
Web: www.dastecsrl.com.ar

HydroGen

HG 6.0

High purity Hydrogen generator

- New long life multilayer PEM cell
- High flow rate up to 1.3 L/min
- High pressure up to 16 bar
- RS 232/485, USB and LAN
- Auto refill included
- High purity : 99.9999 %
- No maintenance
- Safety routine and self monitoring
- Reduced foot print

The **Hydro**Gen series **HG 6.0** is able to generate up to 1.3L/min Hydrogen with purity better than 99.9999% and pressure up to 16 bar (232 PSI). The **HG 6.0** includes a new long life multilayer electrolytic cell with polymeric membrane (PEM) using distilled water. No acid or alkaline solutions are used. The innovative gas drying system (A two-column drying system with automatic regeneration) ensures the maximum grade of hydrogen purity, is completely maintenance-free and allows continuous operation, 24 hours a day. The on-board processor automatically check for internal leaks and constantly control the operating parameters to guarantee full safety. Up to 20 units can be connected in parallel with the cascading mode.
The touch-screen LCD interface provides simple and user-friendly management of all functions on the unit.

Smart **Gas** *Generators*

Swissgas

Specifications :

Available Flow rates	180 260 350 500 700 900 1050 or 1300 [Nml/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) refered to O_2 (Dew point <-75°C)
Hydrogen outlet	Swagelock 1/8´´
Cell	Long life multilayer PEM cell
Drying system	Innovative PSA / maintenance free
Internal water tank	3 L (autorefill management included)
Water quality	< 0.1µS
Specific Sensor	Earthquake sensor
Dimensions [DxWxH]	27x44x41 cm
Communication	LCD touch-screen
Remote control	RS 232/485 (ready for cascading option)/ USB (LAN as option)
Net Weight	from 16 to 25 Kg depending of the model
Power supply	100-240VAC 50/60 Hz
Power consumption	280W to 700 W depending of the model

Models

6920 15 018	HG6.0-180 ml/min
6920 15 026	HG6.0-260 ml/min
6920 15 035	HG6.0-350 ml/min
6920 15 050	HG6.0-500 ml/min
6920 15 070	HG6.0-700 ml/min
6920 15 090	HG6.0-900 ml/min
6920 15 105	HG6.0-1050 ml/min
6920 15 130	HG6.0-1300 ml/min

Options

6930 00 100	Pressure up to 16 bar (232 PSI)
6930 00 010	LAN remote command
6930 00 020	Cascading Box controller
6930 00 030	H2 sensor Kit
6930 00 040	PC software

Consummables

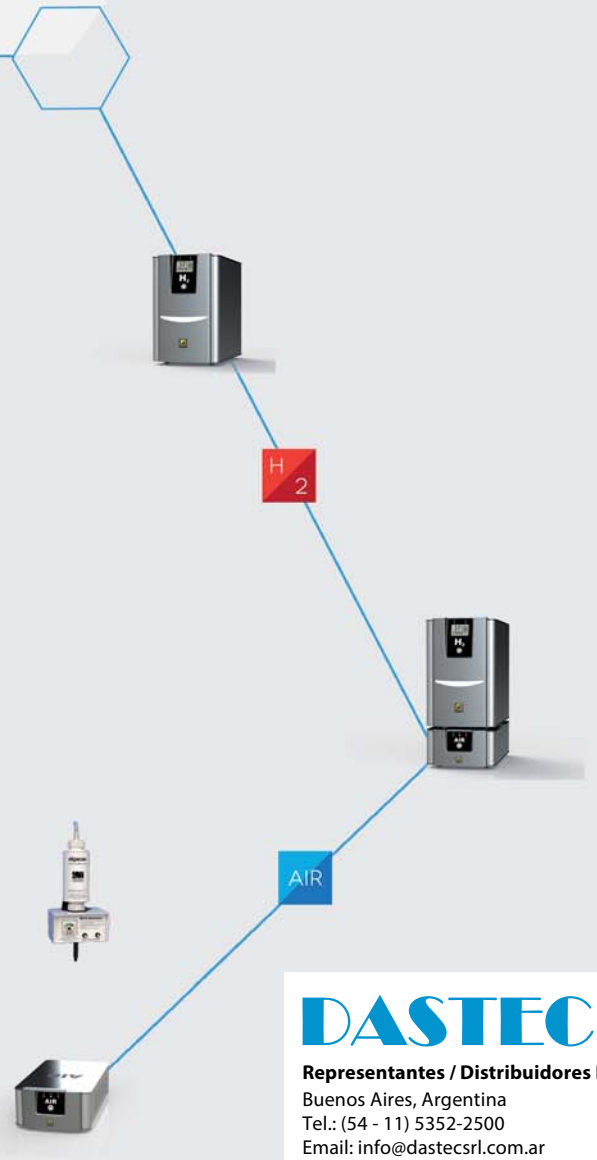
6930 00 050	Deionisation cartridge
6930 00 090	Carbon filter for external water tank

Accessories

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

AirGen Series ZA FID Air

6920 25 015	ZA FID Air 1.5
6920 25 030	ZA FID Air 3.0
6920 25 060	ZA FID Air 6.0
6920 25 0150	ZA FID Air 15.0



DASTEC S.R.L.
Representantes / Distribuidores Exclusivos
Buenos Aires, Argentina
Tel.: (54 - 11) 5352-2500
Email: info@dastecsrl.com.ar
Web: www.dastecsrl.com.ar

Swissgas
40 Chemin de l'Etang - CP 256- CH-1219 Châtelaine - Geneva - Switzerland
Tel : +41 22 979 37 24 / Fax : +41 22 979 37 20 mail : info@lni-swissgas.com
www.lni-swissgas.com