

# Hydro 200



*“Sober, robust  
and unlimited  
UHP H<sub>2</sub> generator”*

Hydrogen Generator

CLAI ND



## MODEL

Hydro 200

## FEATURES

- **Patented Multilayer electrolytic cell manufactured by Claind**
- **Any internal part can be maintained, also the Electrolyzer**
- Hydrogen flows through a **stainless steel desiccant cartridge** which removes moisture avoiding pollutants to get in contact with the high purity hydrogen
- **No deionizer bags are needed, and the operator does not need to replenish or add any electrolyte**
- **Easy to use keypad, which allows the monitoring of the operational status, the consumables estimated life and the maintenance requirement**
- The generators are provided with **safety alarms concerning:**
  - Internal and external hydrogen leaks
  - Hydrogen overpressure
  - Low water level

## APPLICATIONS

In GC as a fuel for the flame detectors FID, NPD, FPD but also for TCD



## TECHNICAL SPECIFICATIONS

FLOW RATE	200 Nml/min
TECHNOLOGIES EMPLOY	Multilayer electrolytic cell
OUTPUT PRESSURE	1 - 4 bar/ 14 - 58 psi
PURITY	> 99,9995 %
MOISTURE	-70° C dew-point ATP
ELECTRICAL SUPPLY	115/230 VAC (+/- 10%) 50-60 Hz 100 W
INDEX OF PROTECTION	IP20
NOISE	< 50 dBA
OPERATING TEMPERATURE	+ 5° C ÷ 40° C
ENVIRONMENTAL HUMIDITY	5 ÷ 80%
MAX ALTITUDE	2000 asl
DIMENSIONS	Height: 31 cm/12" Width: 40 cm/15" Depth: 50 cm/19"
WEIGHT	19 kg/42 lbs
WARRANTY	1 year

## CERTIFICATIONS



Complies with **ATEX**





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