

Hydrogen generator

SPH-200



Generator Introduction:

- SPH-200 series model hydrogen generator, has been in market for more than 10 years.
- Stable quality with competitive are welcomed by customers.
- We use qualified membrane which is widely used in spaceflight electrolysis instrument.
- While electrolyzing, water is separated into H₂ and O₂.
- It is safe to operate, has flow and pressure display, hydrogen gas flow and pressure are auto-self Control by programs.
- Gas is produced on demand.
- There are two choices for H₂ output pressure (4bar and 6bar).
- Could meet different customers' requirement.

SPH-200 Characteristics:

- Smart size, **only 6kgs weight**, compact structure, greatly save space.
- Pressure and H₂ flow rate display, auto stable pressure, stable flow rate, H₂ flow could 100% adjustable on demand.
- Stainless steel filter inside, inside use silica rubber (low sulfur content), greatly increase gas quality, guarantee GC base line stability.
- Have safety system, sensitive, automatically protection alkali return.
- One level purification.

Technical Data:

Model	SPH-200
H2 Flow (ml/min)	0--200
H2 Output Purity (%)	99.999
Output Pressure(MPa) Under stable pressure	0--0.3
Input Power (W)	100
Power& Voltage	220±20% 50--60Hz
Fluctuation Rate of Output Pressure (MPa)	<0.001
Water Requirement	Redistilled water
Water Consumption	13g/hr
Equipment Weight (kgs)	6
Size (mm)	200*140*290
Remarks	Light weight, Single Gas Filter, anti alkali return