

APK 5100H

HYDROGEN GENERATOR

수소법 국내 최초 인증 획득

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ANOTHER SOLUTIONS

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HYDROGEN GENERATOR



제품 스펙

SPECIFICATION

HIGH PURITY HYDROGEN	
Generating principle	Water electrolysis method using proton exchange membrane (PEM)
Purity	>99.999 %
Max. generated flow rate	200 mL/min
Max. generated pressure	6bar (adjustable)
Startup time	30 min
Moisture removal device in generated hydrogen	Silicagel Cartridge
DEIONIZED WATER	
Capacity of water tank	1 L
Water quality	Conductivity< 0.5 μS/cm; Resistivity: > 2 MegaOhm/cm
Auto refill	Pump and sol. valve (56mL/min for 13min)
ELECTRICAL REQUIREMENTS	
Voltage	220VAC
Frequency	50/60Hz
Current	3 A
Power consumption	0.66 kW
SAFETY	
Auto shut-off	Over Pressure/Temperature/Concentration/Water level(Low, High)
	Check for ventilation fan failure (Current detection)
	Physical shut-off of main power
GENERAL	
Dimension	385 x 572 x 495 (W x D x H mm)
Weight	48 kg

Thermal Desorption

Conditioning

Dilution system

Another Solutions

Online monitoring

Partners