

ANOTHER SOLUTIONS

APK 100H

H₂ GENERATOR



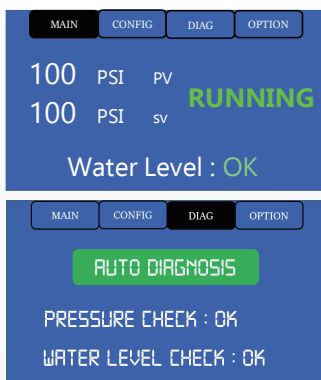
H₂ GENERATOR

APK 100H guarantees the best optimized analytical sensitivity. It supplies stable rate of H₂ (250ml/min, 99.999% purity)

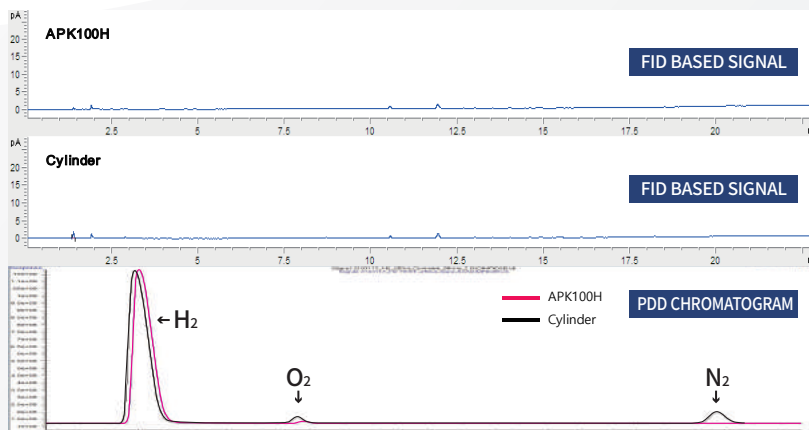
The generated H₂ has less pressure compare to gas cylinder with 24 hours monitoring safety features which has auto shut-down when irregular things are detected. It requires less space to be installed. No more room for gas cylinders and piping. It keeps working as long as you supply high purity water, so there is no time loss for the cylinder switching.

FEATURES

SAFETY	COVENIENCE	ECONOMY
<ul style="list-style-type: none"> Replace high pressure gas cylinder Generating and consuming whenever requires Safer than gas cylinder Pressure, leak, temperature, water amount monitoring (Shut-down when irregular happens) 	<ul style="list-style-type: none"> No rooms for gas cylinders Less size, less space requires Keep generating H₂ as long as refill high purity water Fully automated Easy control & maintenance 	<ul style="list-style-type: none"> Minimum Pipeworks Continuous running More than 3 GC(FID) can be connected



- LCD touch screen



SPECIFICATION

PRODUCT NAME	HYDROGEN GENERATOR (APK100H)	
H ₂ Purity	99.9995%	
Maximum Outlet Pressure	100 psi	
Maximum Flow	250mL/min	
Product Startup Time	30 min	
Function	1. Adjustable pressure (0 ~ 100psi) 2. Safety alarm : -Pressure error (Low or over) -Water level (Low, High)	
Safety	Auto shut off (Over pressure / Low water level/ Board temp.)	
Option	Water auto fill (Water pump) water level sensor(Bottom)	Water autofill when water is low (56ml/min)
Sensing	Output pressure, Water level (Top, Bottom)	
Auto Control Part	Current (=Generation rate)	
User Control Part	Output pressure	
Water Purity Requirement	High purity distilled and filtered water. Conductivity <1μS/cm	
Product Dimensions	180 x 470 x 410 (W x D x H mm)	
Power Consumption	220VAC, 50/60Hz, 0.5KW, 4A	