

# Hybrid Gas Generator

Hydrogen + Zero Air - All in One Generator for GC

## FID Tower Plus

The FID Tower Plus hydrogen and air generator uses the latest technology in PEM(Polymer Electrolyte Membrane) for the production of pure hydrogen. Its vertical design allows positioning in over the laboratory bench so it requires only small space near your GC, optimizing the space you need.

Generator is equipped with an automatic loading of de-ionized water from a smart internal system tanks that give to the customer a 7L of water autonomy, it means that with a FID standard flow, the FID Tower Plus can provide up to 7000L of H<sub>2</sub> before the user refills it. Moreover, the practical system of internal deionizing cartridge replacement greatly simplifies the only maintenance recommended.



### • FID Tower NM/PG Plus Series

Model	H <sub>2</sub> Flow Rate (ml/min)	H <sub>2</sub> Purity	Zero Air	Dimension (mm)
FID Tower NM Plus	100/160/250/300/500/600/1000	99.99996 %	HC & CO out ＜0.1 ppm	140 W x 490 H x 580 D
FID Tower PG Plus	100/160/250/300/500/600	99.9996 %		
Application	• GC FID / NPD / TCD / FPD • Reagent gas for ELCD(Electrolytic Conductivity Detector) / HALL			

# High Purity Nitrogen Generator

Experience the improved efficiency in your lab.

## N<sub>2</sub> Tower Plus (High Purity N<sub>2</sub>)

N<sub>2</sub> TOWER Plus produces high purity N<sub>2</sub> for all major applications in analytical laboratories.

Nitrogen generators eliminate the typical problems associated with the handling of high pressure gas tanks while reducing the cost for high purity nitrogen at the same time.

The N<sub>2</sub> TOWER Plus generators use air from an external compressor and remove the oxygen to less than 10ppm (hydrocarbons to <0.1ppm is optional). The guaranteed flow rates of pure nitrogen are 500ml/min, 750ml/min, 1300ml/min or 4000ml/min depending on the generator module.



### • N<sub>2</sub> Tower Plus Series

Model	N <sub>2</sub> Flow Rate (ml/min)	N <sub>2</sub> Purity	Application	Dimension (mm)
HP N <sub>2</sub> Tower 500	500	99.999 %	Carrier gas for GC	140 W x 490 H x 630 D
HP N <sub>2</sub> Tower 750	750	99.995 %		
HP N <sub>2</sub> Tower 1300	1300	99.99 %	ICP/ELSD/Incubators/ TGA(Thermogravimetric Analyzer)/DSC	
HP N <sub>2</sub> Tower 4000	4000	99%		