

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 H₂ 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 ₂ Flow Rate (ml/min) | H ₂ 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 | <ul style="list-style-type: none"> GC FID / NPD / TCD / FPD Reagent gas for ELCD(Electrolytic Conductivity Detector) / HALL | | | |

High Purity Nitrogen Generator

Experience the improved efficiency in your lab.

N₂ Tower Plus (High Purity N₂)

N₂ TOWER Plus produces high purity N₂ 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 N₂ 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.



- N₂ Tower Plus Series

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