



PROTON

THE LEADER IN **ON SITE** GAS GENERATION.

Air A201

Laboratory Air Compressor

- Delivers 20 L/min of compressed air from an oil-free compressor; 0 to 10 barg
- Able to supply up to 2 modules
- Highly compact and complete with all the necessary controls for constant unmanned operation
- Very quiet due to special sound-proofing and anti-vibration measures
- Stackable



The Stack

The Proton line for Gas Chromatography has been designed to be stacked, which significantly reduces the overall footprint of up to 4 units. Any combination of individual units is possible for each Stack. From a stand alone generator to multiple modules, Proton's Stack can meet the total Hydrogen, Nitrogen, Zero Air, and Compressed Air supplies for your whole laboratory.

Air A5/ A20

Laboratory Air Generator

- Two bench-top/wall-mountable versions with outputs of 5 and 20 L/min
- High-efficiency Platinum HC system for removal of HCTs to ensure < 1 ppm for an absolutely stable and disturbance-free baseline
- High performance at a very competitive price
- Able to integrate with dedicated air compressor



Nitrogen N6P/ N61P

Laboratory Nitrogen Gas Generator

- Capable of delivering 6 L/min with purity of 99.9995%
- Very high purity Nitrogen guaranteed by the exclusive Proton PSA system
- High performance at a very competitive price
- N61P version with special built-in, fully oil-free compressor
- Very quiet due to special sound-proofing and anti-vibration measures
- Touch screen display



PROTON ON SITE

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The Proton Laboratory Line for Gas Chromatography

The new Proton range includes specific generators for gas chromatography, delivering Hydrogen, Nitrogen and Zero Air .

Hydrogen G200/ G400/ G600

Laboratory Hydrogen Gas Generator

- Available with gas flow rates of 200, 400 and 600 cc/min
- Guaranteed high purity (99.9995%) can be used to satisfy both detector and carrier gas requirements
- Hydrogen delivery pressure from 3 to 8 barg
- Proton Exchange Membrane (PEM) technology
- Integrated safety systems which can be interfaced through touch screen
- Easy to remove, large water tank
- Stackable



Nitrogen N600P/ N600P-HC

Laboratory Nitrogen Gas Generator

- Capable of delivering 600 cc/min with purity of 99.999%
- Available in a standard version and the HC version which ensures removal of HCTs (< 0.1 ppm for high-sensitivity detectors)
- Very high purity Nitrogen guaranteed by the exclusive Proton PSA system
- High performance at a competitive price
- Ability to integrate with dedicated air compressor
- Stackable

Air A3000P

Laboratory Air Gas Generator

- Capable of supplying 3000 cc/min; complete with dryer and catalytic reactor for hydrocarbon removal < 0.1 ppm
- Very high purity air guaranteed by the exclusive Proton PSA system (-60°C Dew point)
- Able to serve up to 8 FIDs/NPDs
- High-efficiency Platinum HC system for removal of HCTs to ensure < 0.1 ppm for an absolutely stable and disturbance-free baseline
- High performance at a competitive price
- Able to integrate with a dedicated air compressor
- Stackable