



The ATEX and IECEX certified Hydrogen Generator delivered by H2-Supply, builds on proven robust method of “on demand” hydrogen production for supply to Gas Chromatographs as carrier gas and/or fuel gas to GC’s FID/FPD detectors.

# Exp H<sub>2</sub> GENERATOR

## BENEFITS

### Eliminates H<sub>2</sub> or He Bottles

On demand H<sub>2</sub> production



### Customized to site

Site specific H<sub>2</sub> capacity



### Easy Install

Reduced installation time



### Remote

Remote control



The purpose of Exp Hydrogen gas Generator System, is to replace gas bottles and deliver ultra-high purity hydrogen (99.99999%), for use as carrier gas, to online Gas Chromatographs, in hazardous areas where 50L Hydrogen or Helium gas bottles are used.

This has an impact on the following:

**HSSE:** Health, safety, security and environment.

**COSTS,** for the purchase, transportation and replacement of hydrogen.

**RISKS** associated with transport, lifting, and storing large amounts of hydrogen.

## FEATURES

### Hydrogen on demand, up to 1300ml/min

Ultra-high purity hydrogen generators delivered by H2 Supply, are designed as non hazardous alternative to high-pressure hydrogen cylinders. Deionized water, pressurized air and an electrical supply is all that is required to generate hydrogen.

- Suitable for zone 1 Ex installation
- Eliminates hydrogen cylinders
- Produce a continuous supply of 99.99999% pure hydrogen
- Designed to run 24 hours a day
- Compact, reliable and minimal maintenance
- Automatic water fill
- Available with remote networking software



mail@h2supply.net |  h2supply.net  
 Fjaerkleivene 52, 4900 Tvedestrand  
 Norway

