

Hydrogen / Zero Air



This unit can provide both hydrogen gas and zero grade air to FID detectors on Gas Chromatographs. Hydrogen gas is produced from deionised water using a Proton Exchange Membrane /polymer electrolyte membrane/ Technology (upper module). Zero air is produced by purifying compressed air sourced from the air network to a total hydrocarbon concentration of < 0.05 ppm /measured as methane/ (lower module).

An interchangeable top panel allows for direct mounting of the three models of H₂ generator (needs only to specific the H₂ model): ND-H₂, PAR-H₂ and WM-H₂. Units are complete systems with highly reliable components engineered for easy installation, operation, and long term performance.

Applications

- Fuel gas and air Flame Ionization Detectors
- Flame Photometric Detectors
- Total Hydrocarbon Analyzers.

Technical specification: check specification for ZA generators and for ND-H₂, PAR-H₂ or WM-H₂ – any combination; for example: PAR-H₂ 260/ZA-3000 - 260 ml/min of hydrogen, purity > 99.9999%, with 3000 ml/min of Zero Air