

High Purity Nitrogen Generators



Parker Balston® Models HP N2-1100, HPN2-2000, UHPN2-1100, 76-97NA, and 76-98NA Nitrogen Generators can produce up to 12.0 lpm of ultra high purity nitrogen gas. These systems are completely engineered to transform standard compressed air into 99.99% or 99.9999% nitrogen, exceeding the specification of UHP cylinder gas.

Nitrogen is produced by utilizing a combination of state-of-the art purification technologies and high efficiency filtration.

Pressure swing adsorption is utilized for the removal of O₂, CO₂, and water vapor. A catalyst module is incorporated in models UHPN2-1100 and 76-98NA to oxidize hydrocarbons from the inlet air supply. The generators also have high efficiency coalescing prefilters and a 0.01 micron (absolute) membrane filter incorporated into each design.

Parker Balston® UHP Nitrogen Generators are engineered and packaged in a small cabinet to fit on or beneath any benchtop. The systems eliminate the need for costly, inconvenient high pressure nitrogen cylinders. The HPN2-110 and UHPN2-1100 are ideal for carrier gas applications. The 76-97NA and 76-98NA are ideal for purging ICPs.