

Nitrogen and Oxygen Generator

Nitrogen Generator :

- Ultrafilter offers very economical nitrogen (N₂) generator and system for small generator units to large high-nitrogen plant which is suitable for very different applications including :
 - Chemical industry for inerting of tanks and oxygen-sensitive chemicals, Cutting gas in lasers.
 - Carrier gas in analysis equipment for laboratories and hospitals, Inert gas for pressure testing of tanks and pipes, etc.
- First-class components, stainless steel process piping, valves and regulators, heavy-duty PLC. It should work always.



Oxygen PSA Generator

- The air around us is composed of nitrogen (78%) and Oxygen (21%) and little else.
- Therefore, it may be economically advantageous to recover oxygen itself.
- The modular OXYSWING ® PSA oxygen generators are suitable for medical application and are certified as Class IIB medical device to MDD 93/42/CE. It is however recommended to consult Noxerion s.r.l. Before purchasing a generator for any medical application.
- The OXYSWING ® generators extract the available oxygen in the ambient air from the gases by applying the Pressure swing Adsorption (PSA) technology. During the PSA process compressed, cleaned ambient air is led to a molecular sieve bed which allows the oxygen to pass through as a product gas, but adsorbs other gases. The

