



Nitrogen Generators

Titan N2 Nitrogen Generation systems have been installed in facilities worldwide and have been specifically designed to be suitable in a wide range of industrial and laboratory environments. Our line of generators allows you to produce nitrogen gas on-site simply, safely and cost effectively.

We can provide you with a reliable source of nitrogen gas generated on demand by a fully automatic nitrogen generator, delivering high purity nitrogen.

Using our cross industry experience and knowledge we can design, deliver and integrate a bespoke industrial nitrogen

generator to meet your specific needs. Whatever your industry or application, we will work with you to create a solution with a long-term future of convenience and major cost savings.

Our nitrogen generation systems deliver low operating costs and rapid return on investment. Our nitrogen gas generators are small, quiet and offer instant access to newly produced gas. Their designs are industry specific, offering consistent quality and flexibility to facilities of all sizes.

They cater to a variety of applications from evaporating solvents and switching valves to purging chambers and more.



Mini N2 Nitrogen Generator



N2 Flow Nitrogen Generator



MaxiFlow Nitrogen Generator



MaxiFlow Nitrogen Generator with integrated compressor



Mini N2 Nitrogen Generator

The Mini N2 Series is a Low Flow, High Purity Nitrogen Generator.

The generators deliver a continuous stream of pure nitrogen gas (>99.995%) with a low residual oxygen content, without the need for secondary purification. This stream of high purity nitrogen gas is ideal for applications including GC carrier, make-up gas, and other low flow applications.



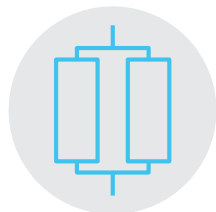
High Purity – Precision Flows

Up to 99.9995% purity of dry N2 is produced at a maximum flow rate of 600cc/min



Plug & Play

Designed to be user friendly, the Mini-N2 can be supplied with an integrated compressor, or integrated with your existing compressed air supply



PSA Technology

Our Mini-N2 produces consistent, dry, high quality nitrogen for many years. Add on one of our service plans for extra peace of mind



Safe

Improves health and safety in the workplace by removing the need for cylinders or liquid nitrogen

Tech Spec

Models	Mini N2	Mini N2-C
Flow	600cc/min	600cc/min
Purity	99.9995%	99.9995%
Pressure	80 psi / 5.5 bar	80 psi / 5.5 bar
Dewpoint	<-40°C / -22°F	<-40°C / -22°F
Dimensions (w x d x h)	400 x 400 x 600mm/ 16 x 16 x 24"	400 x 400 x 600mm/ 16 x 16 x 24"
Net Weight	45 kg / 100 lb	45 kg / 100 lb
Air Inlet	8mm	55 kg / 120 lb
Air Outlet	6mm	Integrated Compressor
Electrical Requirements	230 VAC/50Hz / 120 VAC/60Hz	230 VAC/50Hz / 120 VAC/60Hz



N2 Flow Nitrogen Generator

The N2 Flow Series is a Medium Flow, High Purity Nitrogen Generation system.

Engineered to transform standard compressed air into a safe supply of 99.9995% pure nitrogen, this system is ideal for applications such as optical purge for high flow GC make up gas and carrier gas and solvents evaporation, among others. Perfect for any analytical instrument that requires a small to medium flow of ultra-high purity nitrogen.



High Purity up to 10l/min

Up to 99.9995% purity of dry N2 gas is produced at a maximum flow rate of 10 l/min



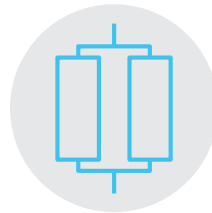
Plug & Play

Available with or without an integrated compressor, the N2Flow Range simply needs a connection to suitable power & air before generating high purity nitrogen



Cost Saving

Low running costs and none of the admin or labour costs associated with cylinders and liquid nitrogen usage



PSA Technology

Our N2Flow range generates consistently high purity, dry nitrogen for many years. Each generator has a service tracking program, enabling us to target a service plan specifically to your usage, thereby reducing unnecessary service costs and potential downtime

Tech Spec

Models	N2Flow 1	N2Flow 1-C	N2Flow 2	N2Flow 2-C	N2Flow 5	N2Flow 5-C	N2Flow 10	N2Flow 10-C
Flow	1l/min		3l/min		6l/min		10l/min	
Purity	99.9995%							
Pressure	80 psi / 5.5 bar							
Dewpoint	<-40°C / -22°F							
Dimensions (w x d x h)	400 x 400 x 600mm 16 x 16 x 24"			660 x 470 x 760mm 26 x 20 x 30"				
Net Weight	45kg/100lb	55kg/120lb	60kg/132lb	75kg/165lb	60kg/132lb	75kg/165lb	60kg/132lb	75kg/165lb
Air Inlet	8mm	Inbuilt	8mm	Inbuilt	8mm	Inbuilt	8mm	Inbuilt
Air Outlet	6mm							
Electrical Requirements	230 VAC/50Hz / 120 VAC/60Hz							



MaxiFlow Nitrogen Generator

The MaxiFlow range, is a Medium Flow, Medium Purity Nitrogen Generation system which can be supplied with a dedicated oil-free compressor or be hooked up to existing house air.

Designed to deliver larger capacity flow rates of nitrogen, this generator is able to transform standard compressed air into 99.99% nitrogen, exceeding the specification of UHP cylinder gas. Nitrogen is produced by utilising a combination of state-of-the-art purification technologies and high efficiency filtration. Applications include single or multiple instruments such as Mass Specs.



Purity up to 99.99%

Our MaxiFlow range is fully bespoke and is factory set to suit your specific requirements



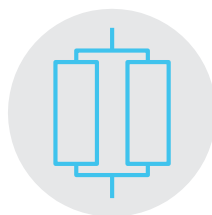
Flow rates from 30l/min to 200l/min

Supplies single or multiple applications in either a lab or process environment



Increased output pressure

To suit LC/MS instruments from Shimadzu and Thermo Scientific



PSA Technology

Gives you comfort that your nitrogen supply is consistent, dry and long lasting

Tech Spec

Models	MaxiFlow 30	MaxiFlow 30-C	MaxiFlow 60	MaxiFlow 60-C	MaxiFlow 100	MaxiFlow 200
Flow	30 l/min		60 l/min		100 l/min	200 l/min
Purity	99 – 99.99% depending on flow rate					
Pressure	100 psi/ 7 bar					
Dewpoint	<-40°C / -22°F					
Dimensions (w x d x h)	485 x 665 x 775mm 19 x 26 x 31"	600 x 930 x 825mm 24 x 37 x 33"	485 x 665 x 775mm 19 x 26 x 31"	600 x 1030 x 825mm 24 x 37 x 33"	550 x 650 x 1850mm 22 x 26 x 73"	
Net Weight	60kg/132lb	135kg/300lb	60kg/132lb	135kg/300lb	200kg/440lb	250kg/550lb
Air Inlet	8mm	Inbuilt	12mm	Inbuilt	12mm	
Air Outlet	6mm				8mm	
Electrical Requirements	230 VAC/50Hz 120 VAC/60Hz					