

Sonimix 3060

High Purity Nitrogen Generator

Description

The **sonimix 3060** is a nitrogen generator using the well-known Pressure Swing absorption (PAS) technology to produce continuous flow of high purity nitrogen.

It is the ideal device to aliment all PID or other devices needing high purity nitrogen.

If the CH₄ must be removed, a heated catalytic oven can be installed in the device. The software of the sonimix control the nitrogen generator and able to check all important functioning parameters as outlet pressure, oven temperature... The display and keyboard allow a simple and intuitive use of the instrument.

All the control parameters such as regeneration phases, low input pressure, temperature of the oven are **controlled and monitored by the included microprocessor**.. The utilization of the **sonimix 3060** avoids the use of cumbersome and expensive gas cylinders.

Functioning principle:

The ambient air, cleaned of its dust, is pumped to 8 bars, goes through a cooler and a condenser with automatic drain system. The filtration of oxygen, humidity is made with the help of a self-regenerable System functioning on the pressure swing and reverse flow principle. When a part of the generator is filtering, the other part regenerates itself.

In option, a catalysis oven allows to eliminate the traces of hydrocarbons including CH₄.

A fine dust filter and a pressure regulator terminate to condition the nitrogen and the air.



- ☒ **Compact / small in size**
- ☒ **No cylinders**
- ☒ **Economical**
- ☒ **Original Swiss Made**
- ☒ **Includes Internal Compressor**

Applications

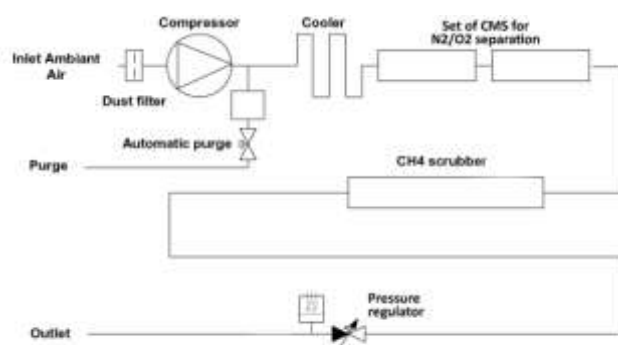


The high quality nitrogen produced by separation from air, can be used to aliment any PID or other analytical device, which need a continuous flow of nitrogen.

Specifications

Outflow generated:	200Ncc/min
Outlet pressure:	adjustable between 0.5 and 4.5 bar rel.
User interface:	LED for ON/OFF, heating and alarm status + pressure regulator and pressure gauge
Remote command:	RS232
Power consumption:	max 150 Watt
Power requirements:	230V/50-60Hz – 115V/60Hz – 100V/50-60Hz
Dimensions [cm]:	19" 3HE/84 TE, 500mm deep /portable casing in option
Shipping Dim [cm]:	41 x 51 x 50 (WxDxH)
Net weight [Kg]:	15 to 30 Kg depending on model
Shipping weight [Kg]:	17 to 32 Kg depending on model

Fuidic scheme:



Options – Accessories – Spare parts

Models:

6800 09 000	Sx 3060, 200 Nml/min
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Consumables:

3741 40 020	Dust pump filter
6700 13 872	Kit of diaphragm and valves for the compressor
3742 49 001	Filter for automatic purge V5

Options:

6800 08 017	Catalyser oven for CH4
6800 10 000	Portable casing
6700 13 867	Voltage 230V/50-60Hz
6700 13 868	Voltage 117V/50-60Hz
6700 13 869	Voltage 100V/50-60Hz



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