

AG OFCAS Scroll

Scroll compressor

A scroll compressor uses two interleaving scrolls to compress air. Devices using this technology are known for operating more smoothly, quietly, and reliably than conventional piston compressors. Unlike pistons, the orbiting scroll's mass can be perfectly counterbalanced, with simple masses, to minimize vibration. The scroll's gas processes are also more stable and continuous. Additionally, a lack of volume gives an increased volumetric efficiency.

The electronic controls and inverter technologies to control the motor make higher efficiency and reliability of the product. The touch-screen LCD interface provides simple and user-friendly management of all functions on the unit.

The AirGen OFCAS Scroll is the ideal compressor to supply the Nitrogen generators series NG CASTORE (membrane) and NG POLLUCE (PSA) for LC/MS applications.

Main Applications

- Chemical and pharmaceutical industry
- Medical laboratories
- Food factory
- Laser equipments

Main advantages

- ✓ Parallel connection available
- ✓ Exclusive energy-saving algorithm
- ✓ Operation mode with:
 - PID pressure control
 - ON/OFF with power control
 - ON/OFF with normal logic
- ✓ Ultra silent technology: 65 dB(A)
- ✓ Oil less- low maintenance
- ✓ Reliable - No vibration



Specifications



Models: AG OFCAS		220-8	200-10
General data			
Rated power (max)	2.2 KW (3.5 KW)		2.5 KW (3.5 KW)
Internal tank capacity	20l		
Dimensions	590(W)x690(D)x740(H) mm		
Net weight	130 kg		
Noise level	65db	67db	
Peltier cooling dryer	Optional	Optional	
Air Outlet			
Free Air Delivery	220 L/min		200 L/min
Maximum working pressure	8bar (116psi)		10bar (145psi)
Dew point (with dryer)	< -10°C		< -12°C
Communication			
RS232	Standard		
RS485	Standard		
USB	For service		
Electrical data			
Type of connection	Cable 3x2.5mm ²		
Power supply voltage	Single phase 220-240 Vac 50/60 Hz		
Connections			
Compressed Air outlet	3/8" BSPP female		
Condensed water drain	1/4" BSPP female		

Ordering codes Gas Generators

6920.45.220

AG OFCAS 220-8

6920.45.200

AG OFCAS 200-10

Options

6920.50.010

Peltier dryer option for OFCAS 200/220

Consumable

3709.04.172

Filter Element for the coalescent filter OF CAS 200/220



LNI GGI srl

www.lni-swissgas.eu



Ingeniería Analítica
Chromatography & Spectrometry

Avda. Cerdanyola, 73 4ª izquierda 08172 Sant Cugat del Vallés (Barcelona) SPAIN
Tel. +34 902 45 66 77 | www.ingenieria-analitica.com | e-mail: inf@ingenieria-analitica.com