

# NiGen GC

**Nitrogen Generators  
for  
Gas Chromatography**  
(Carrier gas, Make-up, ECD),  
**Circular Dichroism,  
Thermo Analysis**



**NiGen GC  
NiGen GC HC**

# NiGen GC/GC HC

## FEATURES

- **Stackable**
- **UHP PSA technology available in a standard version and the HC version which ensures 100% removal of hydrocarbons (HCT < 0,1 ppm for applications with high-sensitivity detectors)**
- **facility to serve up to 12 FIDs/NPDs with makeup gas or up to 7 ECDs oppure 5 S/S**
- **facility for integration with a Brezza series dedicated air compressor (AirComp)**
- **Fast Start included to guarantee UHP after only 30' functioning**
- **very high purity also guaranteed by an innovative control software, interfaced with the CPU or every PC for remote control, up to 32 units**
- **CPU with Touch Screen Display** connectable with **CAN-BUS** to the generators (up to 32 units), allows the monitoring of operational status and menus with report alarms and functioning parameters. The CPU has also an Ethernet output for the connection to PCs and to Internet through a router
- **software available for remote monitoring via internet**



## TECHNICAL FEATURES

FLOW RATE	500 Nml/min
TECHNOLOGIES EMPLOYED	PSA CLAIIND
OUTPUT PRESSURE	0 - 6 bar/0 - 87 psi
PURITY	> 99,9995 %
AIR INPUT CHARACTERISTICS	particulate ≤ 0,01 µm - Oil vapors ≤ 0,01 mg/m <sup>3</sup> moisture 3° C dew point ATP min pressure: 8 bar min flow rate : 6 Nl/min
ELECTRICAL SUPPLY x NiGen GC	115/230 Vac ±10% 60-50 Hz 50 W
ELECTRICAL SUPPLY x NiGen GC HC	115 Vac ±10% 60 Hz 200 W 230 Vac ±10% 50 Hz 200 W
INDEX OF PROTECTION	IP20
OPERATING TEMPERATURE	5°C - 40°C/40°F - 100°F
ENVIRONMENTAL MOISTURE	≤ 80%
MAX ALTITUDE	2000 m asl
DIMENSIONS	height 40 cm + 7 cm/15.8" + 2.8" width 38 cm/14.9" depth 53 cm/20.8"
WEIGHT	GC version 28 kg/62 lbs GC HC version 32 kg/70.5 lbs

## ACCESSORIES

- UHP filtration kit
- Installation kit
- Automatic 2 sources switch kit

