

AIRGEN GC



*“The expression
of purity”*

UHP AIR GENERATOR



MODEL

AirGen GC

- ✓ **UHP Zero Air** perfect for NPD, FID, FPD
- ✓ **Platinum Palladium system** for HCT removal
- ✓ **Parallel connection up to 4 stacked generators with tower configuration**
- ✓ **CPU with Touch Screen Display**



FEATURES

- **Modular configuration**
- **Equipped with PSA dryer**
- **Able to feed up to 8 FIDs**
- **Platinum Palladium HC system for HCT integral removal < 0,1 ppm for a stable and interference free baseline**
- Easy integration with Brezza series dedicated air compressor (AirComp)
- Very high purity also guaranteed by an innovative control software, interfaced with the CPU
- **CPU with Touch Screen Display connectable with CAN-BUS to the generators (up to 32 units), which allows the monitoring of operational status**
- The CPU includes also an Ethernet output for the connection to PCs



APPLICATIONS

Gas Chromatography



TECHNICAL SPECIFICATIONS

FLOW RATE	3000 NmL/min \pm 10% a 2000 m slm
TECHNOLOGIES EMPLOYED	PSA CLAIND + catalytic reactor Pt/Pd
OUTPUT PRESSURE	0 - 6 bar / 0 - 87 psi
PURITY	HCT < 0,1 ppm
MOISTURE	< -50 °C dew-point ATP \pm 2°C ATP
AIR INPUT CHARACTERISTICS	Particulate \leq 0,01 mm Oil Vapors \leq 0,01 mg/m ³ Moisture \leq 3° C dew point ATP Min pressure: 8 bar/115 psi Air flow rate: 8 NI/min
ELECTRICAL SUPPLY	115 Vac \pm 10% 60 Hz 250W 230 Vac \pm 10% 50 Hz 250 W
INDEX OF PROTECTION	IP20
NOISE	< 50 dBA for the 98% of operation time < 60 dBA for 2 sec. each cycle
OPERATING TEMPERATURE	5°C fino 35°C (41°F fino 95°F)
ENVIRONMENTAL HUMIDITY	max 90% without condensation
MAX ALTITUDE	2000 m slm
DIMENSIONS	Height : 40 cm + 7 cm/15.8" + 2.8" Width: 38 cm/14.9" Depth: 53 cm/20.8"
WEIGHT	28 kg/62 lbs
PNEUMATIC CONNECTIONS	Compressed air inlet: G 1/8" female Purified air output: G 1/8" female
WARRANTY	2 years

TECHNOLOGY

PSA technology (Pressure Swing Adsorption)

CERTIFICATIONS



PSA with CMS and international patent **FAST PURITY®**





CLAIND

GAS GENERATORS AND PURIFIERS

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