

ZA TOTAL C

Zero Air generator

The AirGen series **ZA-TOTAL-C** is able to remove the total hydrocarbons to less than 0.05 ppm and other pollutants like Humidity, CO₂, CO, NO_x, SO₂. ZA-TOTAL-C is available with a smart low noise built-in piston compressor, 100% oil-free.

The reduction of hydrocarbons, including methane, and carbon monoxide decrease the background noise level and gives much better baseline stability, considerably increasing detector sensitivity and ensuring precise analytical results. The hydrocarbons and CO are removed with a catalytic oven filled with palladium, the Humidity and CO₂ is removed with a dual molecular sieve PSA system, NO is removed with Purafil and other components are removed with an active charcoal filter.

Main Applications

GC-FID
GC-NPD
GC-FPD
GC-PFPD
THA
Gas sensing

Main Advantages

- ✓ Easy use and quick installation
- ✓ Flow rate up to 6 L/min
- ✓ Pressure up to 6 bar (87 psi)
- ✓ RS 485 and RS 232 as standard
- ✓ Purity:
 - < 0.05 ppm THC
 - < 0.05 ppm CO NO_x SO₂
 - < 5 ppm CO₂
- ✓ No maintenance
- ✓ Reduced foot print



Specifications

Models: ZA TOTAL C	1.5	3.0	6.0
Zero Air outlet			
Flow rate (max)	1.5 l/min	3.0 l/min	6.0 l/min
Outlet pressure (max)	6 bars (87 psi)		
Total hydrocarbon content	< 0.05ppm		
Total CO Nox SO ₂	< 0.05 ppm		
Total CO ₂	< 5 ppm		
Dewpoint	< -50°C		
Communication			
RS485	Standard		
RS232	Standard		
General data			
Supply voltage	100-240Vac 50/60Hz		
Connection type	IEC320-C13		
Installation power (max)	1000W		
Fuse rating (5x20mm)	6.3A		
Dimensions (W x D x H)	43 x 58 x 63 cm		
Net weight	< 60 kg		
Connections			
Outlet port	1/8" female BSPP		
Operating/storage conditions			
Operating temperature	5-35°C (41-95°F)		
Storage temperature	1-50°C (34-122°F)		
Humidity (max, non condensing)	80% at 25°C (77°F)		
Noise	<58 dB(A)		
IP rating	IP20		

Ordering codes

Gas Generators

6920.25.215	ZA TOTAL C 1.5
6920.25.230	ZA TOTAL C 3.0
6920.25.360	ZA TOTAL C 6.0

Consumable

6930.00.150	KIT filters (inlet and outlet) for ZA FID / ZA TOTAL
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LNI Swissgas

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For further
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