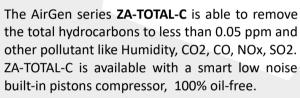
### Velocity Scientific Solutions

**AirGen** 



## **ZA TOTAL C**

Zero Air generator



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 CO<sub>2</sub> 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 NOx SO<sub>2</sub>
  - < 5 ppm CO<sub>2</sub>
- No maintenance
- Reduced foot print







Velocity Scientific Solutions

Ph: 1300 855 315

Email: info@velocityscientific.com.au

# Velocity Scientific Solutions



#### **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 <sub>2</sub>	< 0.05 ppm		
Total CO <sub>2</sub>	< 5 ppm		
Dewpoint *1	<-60°C (- 76°F)		
Communication			
RS485	Standard		
RS232	Standard		
General data			
Supply voltage	100-240Vac (±10%) 4763Hz		
Connection type	IEC320-C14		
Nominal power (max)	1000W		
Fuse rating (5x20mm)	10A (250Vac – T)		
Dimensions (W x D x H)	43 x 75 x 66 cm		
Net weight	90 kg		
Connections			
Outlet port		1/4" 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	<52 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

6930.00.151 KIT filters (inlet and outlet) for ZA TOTAL C 6930.00.178 Carbon filter column for ZA TOTAL C



۷9

Ph: 1300 855 315

Email: info@velocityscientific.com.au