

GENERATORS

Zero Air

Chromatographic Zero Air



Description: Airgas® zero air generators produce a continuous flow of air from an existing compressed air supply. In conjunction with our hydrogen generators, these units help gas chromatographers automate GC-FID sampling with reliable, unattended gas supply.

Our zero air generators reduce the total hydrocarbon content (THC) to less than 0.1 ppm (measured as methane) and produce stable baselines for reproducible GC-FID analysis.

An inlet 0.5-micron coalescing filter removes particles, oil, and water from the air supply. Hydrocarbons are removed when the compressed air is passed over a converter containing a heated catalyst. After the air is cooled, a 0.01-micron cellulose filter removes any residual particles from the stream.

Specifications	
Voltage	117 AC
Gas Characteristics	THC = < 0.1 ppm
Delivery Pressure Range	2-125 psig
Flow Rate	see ordering info
Dimensions (W x H x D)	6 3/4" x 12" x 15"
Weight	20 lbs

Design Features	
Compact Design	requires just over one square foot of bench space.
Safe Operation	complies with all government regulatory safety standards, UL-CSA, and IEC 1010 approved.
High-Performance	yields optimum baseline performance for GC-FID analysis.

Ordering Information		
Product Number	Flow Rate (cc/min)	
Y80-7583NA	1,000	
Y80-XA3500	3,500	
Y80-XA7000	7,000	
Y80-XA18	18,000	
Y80-XA30	30,000	
Y80-14000	14,000	
Y80-28000	280,000	

Available Options	
Product Number	Description
Y80-1647731	Replacement Inlet Filter