

ZERO AIR GENERATORS



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Zero Air Generators produce zero air i.e. atmospheric air purified to contain less than 0.1 ppm total hydrocarbons. It is produced by catalytic processing that involves thermocatalytic combustion in which the compressed air is first passed through a particulate filter and further passed into a heat chamber. The heat chamber consists temperature of 500°C, the air is passed through the matrix that contains the catalyst made up of a combination of exotic metals. The air passed through the catalyst in the matrix (particularly methane) gets oxidized and breaks down into carbon dioxide and water. Then this air exits the heated chamber, is cooled, and passed through a final filter to remove bulk water. Further, the air is released into the surrounding environment.

Used in Pharmaceutical, Gas Chromatography Detectors, Petrochemical, Laboratory, Medical, Research, Industries, Environmental, Clinical, Forensics..

Also known as Laboratory Air Generator.

LTGAS8 AUTOMATIC ZERO AIR GENERATOR

High precision output pressure

Water automatically drain out

Two levels stainless steel made purifications

Large inside stainless steel air tank

Have two levels pressure stable valve. Output air pressure much stable

Have over pressure protection, low voltage start up, DC, greatly protect inside compressor



SPECIFICATIONS

Model	LTGAS8-1	LTGAS8-2
Environmental Temperature	0-45°C	
Humidity	<85%	≤85%
Flow Rate	0-5000 ml / min	-
Output Pressure	0-0.4 Mpa	0-0.4MPa
Pressure Stability	<0.003 Mpa	-
Noise	<35 dB (A)	<35dB
Dimension	480x260x350 mm	420x260x350 mm
Net Weight	22 kg	
Consumption Power	250 W	150 W
Power Supply	220 V±10% V	-
Output Flow Rate	-	0-2000 ml/min



LTGAS8-1



LTGAS8-2

LTGAS8-3 AUTOMATIC ZERO AIR GENERATOR

The hydrocarbon is changed into carbon dioxide and vapor in the catalyzer with Pt-Pd carrier

Increased gas output quality

Compact design, easy using, automatically operation, safety



SPECIFICATIONS

Model	LTGAS8-3
Output air concentration	<0.1PPM
Input air concentration	<100PPM
Maximum Output Pressure	0-0.6 Mpa
Maximum Flow Rate	1000 ml/min
Power Supply	220V±10% 50~60Hz
Consumption Power	150 W
Working Temperature	400-450°C
Environmental Temperature	0-40°C
Humidity	<85%
Dimension	400x360x220 mm
Net Weight	12 Kg



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