

HYDROGEN NITROGEN AIR GENERATORS



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It combines three gas generators i.e. N₂/H₂/Air generator that is used to produce pure nitrogen, hydrogen, and zero air. It is widely used in the gas chromatography process and other analysis instruments. Nitrogen is produced by a water electrolysis technique that uses a membrane consisting of hollow fibers. The molecules other than nitrogen permeate through the membrane and a stream of nitrogen gas is released through the outlet. Hydrogen is also produced by the water hydrolysis technique using Potassium Hydroxide (KOH) as a catalyst, to generate pure hydrogen gas. Zero air is produced by thermocatalytic combustion, in which the compressed air gets oxidized and breaks down into carbon dioxide and water, and then bulk water is removed after passing through the filter to produce zero air. Used in All Analytical Instruments, Ampule Filling, GC-FID, FPD, NPD, TCD, Pharmaceutical, Gas Chromatography Detectors, Petrochemical, Laboratory, Medical, Research, Industries, Environmental, Clinical, Forensics. Also known as Laboratory Hydrogen Nitrogen Air Generator.

LTGAS11 AUTOMATIC HYDROGEN NITROGEN AIR GENERATOR

As gas source supply for Gas Chromatography, can replace inconvenient large size gas cylinder

Easy to operate, stable pressure output, with gas flow meter

It does not consume electrolyte solute, only need to add distilled water

Multiple safety protections

Can work continuously for a long time



SPECIFICATIONS

Model	LTGAS11-1	LTGAS11-2
Air Pressure	0.4 Mpa	
Nitrogen Purity	Oxygen Content: <3PPM, dew point: -56°C	
Nitrogen Flow Rate	0-300 ml / min	0-500 ml / min
Air Flow Rate	0-2000 ml / min	
Nitrogen Pressure	0.4 Mpa	
Dimension	350x350x500 mm	
Net Weight	30 kg	
Consumption Power	360 W	500 W



LTGAS11-1



LTGAS11-2



Labtare Analytical Instruments

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