

LHZA-2012 Zero Air Generator



The air compressor of this product compresses the external air, and after the dew point is reduced to -20°C through the polymer dehumidification tube, the high-temperature catalytic furnace performs high-temperature oxidation and decomposition of CO, hydrocarbons, and ozone, and then adsorbs SO₂, nitrogen oxides, etc. through the filter material, and finally outputs zero-level air with stable pressure through the pressure regulating valve.

Daily maintenance is simple, only consumables need to be replaced. Flow output is stable, zero air dry and clean.

It can be used to output the zero-grade air required for quality control of instruments that detect and evaluate ambient air quality.

LHZA-2012 Zero Gas Generator is an auxiliary instrument with completely independent intellectual property rights developed by the experienced R & D team of Lihe Technology (Hunan) Co., Ltd. in accordance with the requirements of national standards, combined with the company's years of experience in instrument research and development and field operation, and by comparing the existing analytical technologies at home and abroad.

Technical Specification

Output concentration	
SO ₂ 、NO ₂ 、NO、O ₃	< 0.2 ppb
CO	< 10 ppb
Hydrocarbon output concentration	< 0.1 ppm

Output Gas Flow Rate: 0-5 LPM (0-10 LPM Optional)

Hydrocarbon input concentration <100ppm

Working pressure (MPa) 0.4

Instrument stabilization time <1h

Operating temperature 0-40°C

Operating temperature: 5 ~ -45

Relative humidity: ≤ 85% RH

Atmospheric pressure: 86 K Pa ~ 106 K Pa.

Power supply voltage: AC 220V ± 22V **Power supply frequency:** 50Hz ± 0.5Hz

Maximum power: 150W **Insulation resistance:** ≥ 20MΩ