

Quality&Precise



MAXWELLON MX-GDS

0 ~ 800l/min
Gas Distribution System
2024

Maxwellon

Maxwellon's gas distribution system provides multi-component gas delivery solutions for areas such as material performance evaluation, gas analysis, instrument calibration, and concentration detection. The dynamic gas distribution system from Maxwellon allows for the mixing of different gases according to customer requirements, with tailored solutions designed to adjust gas concentrations at various stages of experimentation. This system offers adjustable and stable gas concentrations along with controlled flow rates, ensuring reliable gas supply for experiments.

■ Key Feature

- **Gas Dilution and Mixing:** Accommodates standard gas dilution ratios and multi-component gas mixing.
- **Customizable Medium:** Allows customization with liquid mediums, like volatile organic compounds (VOCs), for blending.
- **Intelligent Operation:** Operates intelligently for user-friendly functionality.
- **High Precision:** Provides precise blending of gases or liquids.
- **Stable Output:** Ensures stable output of the blended substances.

■ Specifications

Model	MX-GDS Series
Gas Types	Multi-component mixing with ≥ 2 components
Concentration Adjustment Range	0-100%
Mixing Accuracy	$\pm 1\%$
Flow Rate	Customizable from 0 to 800 L/MIN based on client requirements
Power Supply	AC220V, 50Hz
Control Mode	Manual/Automatic



Automatic Gas Dilution System



Dynamic Gas Distribution System



Multi-Component VOC Gas Distribution System

■ Application

- Instrument Calibration
- Electronics Industry Gas Mixing
- Suitable for University Laboratories, Research Institutes, Gas Analysis Instrument Development, and Gas Detection Fields



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