

# GB 100 Series

## 3 通道动态气体稀释仪

每通道: 0 - 500 mL/min

(其他流量请咨询)

精度: 1.0%

重复性: 0,16% of reading

响应时间: 50 ms

专业软件

®



0755-86183901

info@onuee.com

## For MICRO Flows/专为小流量设计

总混合流量: 最高可达 1.5 L/min



### 3 通道.

GB 100 can manage and mix up to 3 different sources of gas with incredible high precision, creating accurate gas mixtures.

### 高精度.

Our instrument has a native Calibration on available gases with 1% of accuracy for each channel.

### 响应快速.

GB 100 is the fastest device on market:  
It allows you to change the value of any setpoint in only 50 ms.

# 智能动态气体稀释仪。

MCQ Instruments offers the best, cheapest and fastest solutions to manage, control, measure and create Gas Mixtures or Dilutions.

We produce advanced, certified, interconnected, and trusted technologies that can help you to achieve your goals without any efforts. From laboratories to industrial needs, we have the right product that will manage your gas processes with automation and an incomparable precision.

## 适用气体:

N<sub>2</sub>,  
O<sub>2</sub>,  
CO<sub>2</sub>,  
CH<sub>4</sub>,  
Air,  
NO,CO,Ar,C<sub>2</sub>H<sub>4</sub>,  
C<sub>2</sub>H<sub>6</sub>,C<sub>3</sub>H<sub>8</sub>,C<sub>4</sub>H<sub>10</sub>D  
等(其他气体, 请来电  
咨询 0755-86183901)



## High Accuracy/高精度

The incomparable precision of our Gas Mixer makes possible to bring forward a series of tests and experiments that would be impossible to achieve otherwise.

GB 100 Series is a dedicated solution for laboratories, and a solid alternative to the obsolete multi-channel solution using mass flow controllers, external power supply and readout.

## Easy Connected/访问快捷

MCQ Gas Blender 100 Series is easy to install and to use.

You will only need a laptop or a desktop computer to connect the instrument via a simple USB connection.

An easy push-in tube fittings system will allow you to connect your cylinders to the instrument and the output to lead your final mixture into your system.



\* To be implemented

## 软件简单直观.



MCQ Mixture Creator is our mixing software bundled for free, that allows direct access and control to all of our products. Thanks to a user-friendly interface, you can manage the gas mixing process by intervening directly on the single channel to modify and control both the final blending and your dynamic dilution.

## 相关证书.



## Fast Response/响应快速

We are proud to have developed the fastest device on the market.

Our GB 100 Series is a champion when we talk about accuracy and modularity of micro flows of gases. A change of the setpoint takes only 50ms to be real. Besides this is a value valid for every single channel

## 适用领域.

研发 (R&D) 实验室,机构和中心

- 设备校准
- 测试气体准备
- 分析设备
- 气体混合物的现场配比
- 化学实验室

分析

- 气相色谱分析
- 质量控制

食品与饮料

- 大气控制调节

生命科学

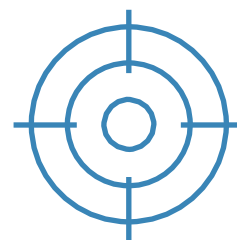
- 生物技术
- 环境气体调节
- 细胞培养研究
- 制药研究

# 准确、紧凑、可靠

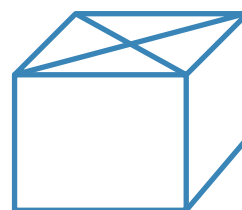
"The MCQ Gas Blender 100 Series is our solution for Micro Flows Gas Mixing & Dilution problems. A 3 channels solution in a compact box at a very convenient price. 安装简单、设置简单、使用简单 it is the fastest instrument on the market."

## 技术参数:

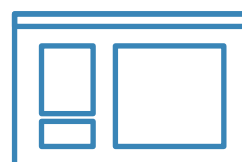
精度: (每通道)	N2, 20 °C, 101.325 kPa (1 atm): 5-100% FS: 1% of SP < 5% FS: 0,2% of FS
重复性:	0,16% of reading
响应时间: (每通道)	50 ms
供电:	16-36 VDC · Min1,5 A
操作压力:	Max 25 psi
工作温度:	0-50 °C
最大流量: (每通道)	0 - 500 mL/min (标准) 0 - 200 mL/min (按需求)
总混合流量:	Up to 1,5 L/min
适用气体:	N2, O2, CO2, CH4, Air,CO,NO,Ar,C2H4,C2H6 等 (其他气体请来电咨询)
通讯:	USB PC Interface
接口:	6-4mm 软管, 带接头. 其他需求请咨询
通道入口:	3 个入口
通道出口:	1 个出口
用户界面:	气体混合软件. 带 LED 灯面板
证书:	CE, TUV, cTUVUS, Made in Italy



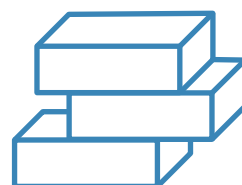
高精度  
Native calibration on available gas with 1% of accuracy for each channel.



结构紧凑  
All the tools in a single, compact and easy to transport box.



直观软件  
Mixture Creator is an user friendly interface, with which you can easily manage any gas mixing process.



GB 产品系列  
We have as many solutions as many are your needs.