

Economical Gas Mixer

**CUBE GM series**



《Features》

- All-in-one unit with mass flow controller, control power supply, valve, check valve and gas mixer
- This gas mixer unit type consists of mass flow controller C1000 series and power supply control PA01PS.
- Equipped with a mass flow controller to supply a stable gas mixture that is not easily affected by pressure and temperature.

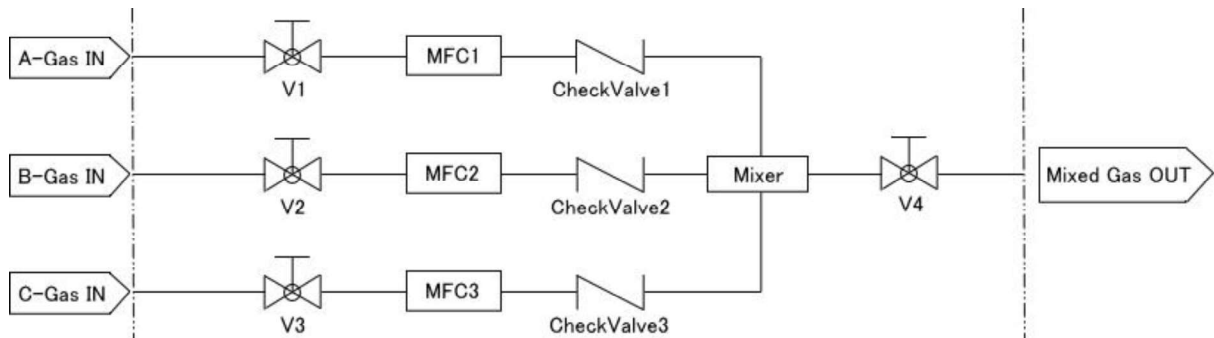
[Specification]

Model	CUBE GM2 (two gases) /CUBE GM3 (Three gases) /CUBE GM4 (Four gases)
Built-in MFC	C1000 series (manufactured by FCON) or FCST1000 series (manufactured by Fujikin)
Flow range (*1)	≤50SLM (Total flow rate)
Flow rate control range	Conform to built-in mass flow controller specification
Operating differential pressure	Conform to built-in mass flow controller specification
Pressure Resistance	Conform to built-in mass flow controller specification
Operating environment	5~50°C (Accuracy guaranteed between 15~35°C), 85%RH (No condensation permitted)
Wetted surface material	SUS316, PTFE, Fluoro-Rubber and built-in mass flow controller material
Standard Fitting	1/4in.SWL (equivalent) ※For other fitting, please contact us.
Mass flow control	Conform to PA01PS power supply control
Flow rate setting/output display	0~100% (*2)
Input power	AC100-240 V

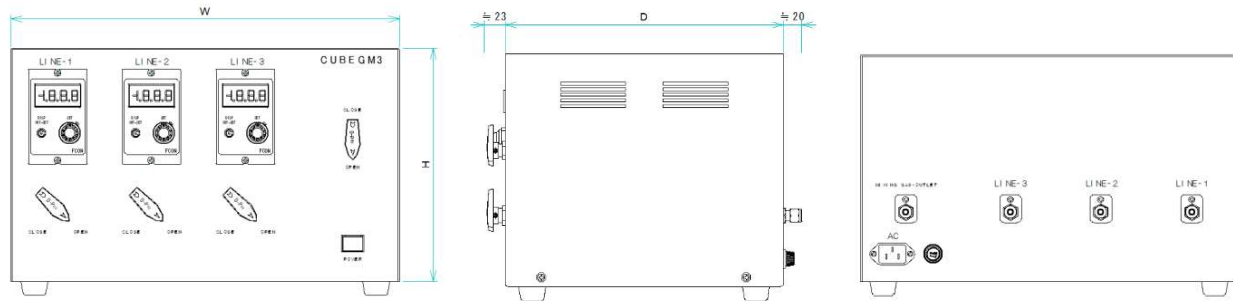
\*1. At FCON, flow rates (SCCM, SLM) are converted to values at 0°C, 101.3kPa abs (1atm) for calibration.

\*2. Flow rate display setting changes is possible.

[Flow Diagram (Eg : 3 gases)]



## 《Dimensions》



CUBE GM2 : W315×D298×H250(mm) ※Not including protrusions.  
 CUBE GM3 : W415×D298×H250(mm) ※Not including protrusions.  
 CUBE GM4 : W515×D298×H250(mm) ※Not including protrusions.

## 《Ordering》

### CUBE GM3

①

#### ① Mixing gases (\*1)

- GM2 Two gases
- GM3 Three gases
- GM4 Four gases

\*1. More than four gases, please contact us.

We can design and manufacture upon request in addition to standard products,