

Touch panel Gas Mixer

CUBE GM-X series



► Program operation

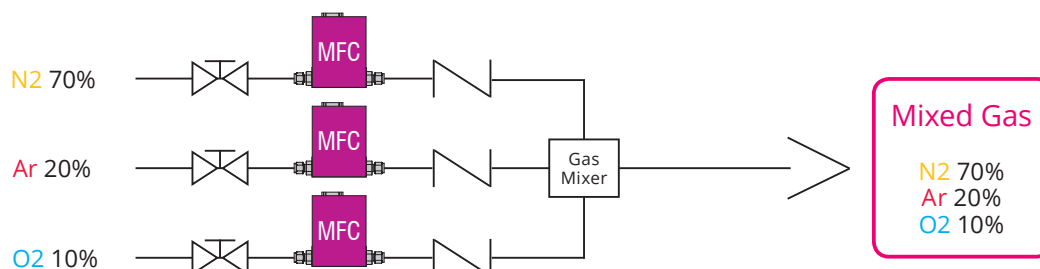
Program operation is possible by setting the flow rate & time of each line.

► Alarm function

The upper and lower limits of each line flow rate can be set.

- Alarm sound when upper and lower limits are reached -

- Economical gas mixer consists of FCON's MFC1000 series mass flow controller and PA01PS Control unit.
- Built-in mass flow controller provides accurate gas blending without temperature and pressure effects.
- Easy operation of flow setting with touch panel type.



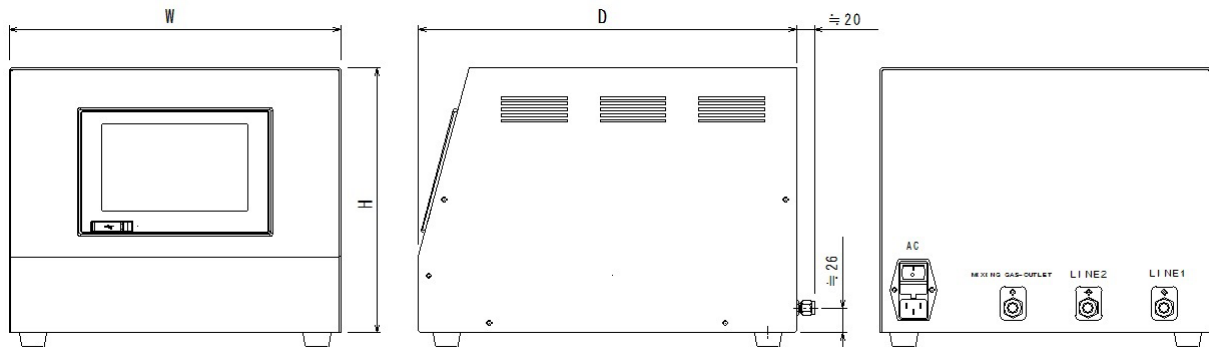
Specification

Model	CUBEGM-X2 (Two gases) / CUBEGM-X3 (Three gases) / CUBEGM-X4 (Four gases)
Built-in MFC	MFC1000 series (manufactured by FCON) or FCST1000L (manufactured by Fujikin)
Gases	Gases (e.g., air, nitrogen, carbon dioxide, argon, hydrogen, helium, methane, oxygen)
Flow range*	10SCCM to 20SLM for one line (but mixed gas flow of 50SLM or less)
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), 30-80% RH (No condensation permitted)
Leak Integrity	1×10^{-7} Pa·m ³ /sec (He)
Wetted surface material	SUS316, PTFE, Fluoro-Rubber
Standard Fitting**	1/4in. SWL (equivalent)
Mass flow control	Touch panel operation
Input power	AC100V

* At FCON, flow rates (SCCM, SLM) are converted to values at 0°C, 101.3kPa abs (1atm) for calibration.
Please contact to us regarding detailed specifications for gas type and flow range.

** For other fitting, please contact us.

Dimensions



CUBEGM-X2 : W350×D400×H280mm
 CUBEGM-X3 : W430×D400×H280mm
 CUBEGM-X4 : W510×D400×H280mm

Ordering

CUBE GM-X3

1. mixing gases*

GM-X2 : Two gases
 GM-X3 : Three gases
 GM-X4 : Four gases

*More than four gases, please contact us.



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