FCON
CREATION OF NEW VALUE
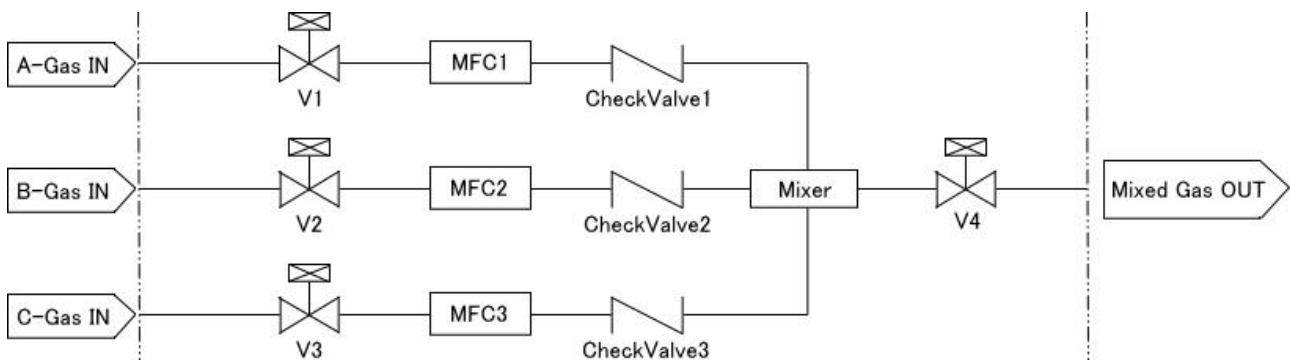
Touch panel Gas Mixer

CUBE GM-X series

≪Features≫

● All-in-one unit with mass flow controller, control power supply, valve, check valve and gas mixer
● Program operation：Flow rate and time is possible to set for each line with program.
● Alarm function：Based on each line upper and lower limit setting, alarm sound if flow rate abnormality occurs
● Unit type gas mixer
● Equipped with a mass flow controller to supply a stable gas mixture that is not easily affected by pressure and temperature.
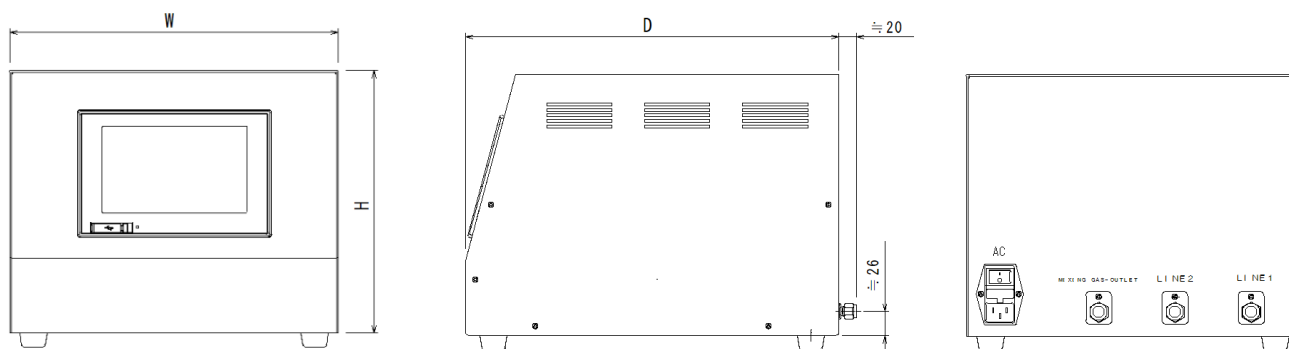
【Specification】

Model	CUBE GM-X2（Two gases）／CUBE GM-X3（Three gases）／CUBE GM-X4（Four gases）
Built-in MFC	C1000series／C2000series(manufactured by FCON) or FCST1000series（manufactured by Fujikin）
Flow range (*1)	≦50 SLM（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℃（Accuracy guaranteed between 15〜35℃），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	Touch panel operation
Input power	AC100-240 V

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

【Flow Diagram（Eg：3 gases）】

≪Dimensions≫

CUBE GM-X2：W350×D400×H280(mm)　　※Not including protrusions.
CUBE GM-X3：W430×D400×H280(mm)　　※Not including protrusions.
CUBE GM-X4：W510×D400×H280(mm)　　※Not including protrusions.

≪Ordering≫

CUBE <u>GM-X3</u>
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① Mixing gases (*1)
　GM-X2　Two gases
　GM-X3　Three gases
　GM-X4　Four gases

*1. More than four gases, please contact us.
　　We can design and manufacture upon request in addition to standard products,