

Mass Flow Control/Measurement Unit

CUBE MFC



«Features»

- Compact and lightweight integral unit.
- Easy flow measuring and controlling
- Flow rate display: Display (SET / OUT selector switch)
- Output voltage (0 ~ 5 VDC) output terminal is at the back of the unit as standard set up.
- Upon request, Calibration certificate, Calibration report, and Traceability scheme can be prepared with additional charges.
- 1000 series has a flow rate accuracy of $\pm 1\%$ F.S. Can be supported.

[Specification]

Model	CUBE MFC 1005/1020/1030/1050/1100
Mass Flow Controller (*1)	1000 series
Flow range	10 SCCM~100 SLM
Operating temperature	5~50°C (Accuracy guaranteed between 15~35°C)、 $\leq 85\%$ RH (No condensation permitted)
Standard fitting	1/4in.SWL (equivalent), One-touch fittings, ※ For other fitting, please contact us.
Setting signal/Mass flow control	0.25~5 VDC 10-turn potentiometer
Output signal	0~5 VDC
Flow rate setting / output display	0~100% (*2)
Display switching (setting / output)	Toggle Switch
Output terminal	Setting signal/Output signal : 0~5 VDC
Input power	AC100-240 V

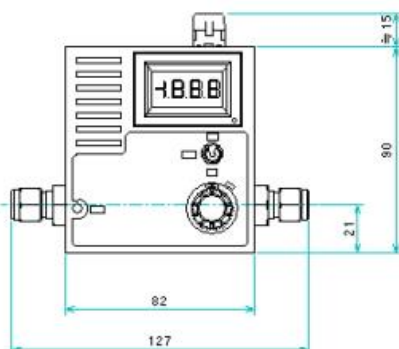
*1. Mass flow controller is conform to 1000 series specification.

*2. Flow rate display setting changes is possible.



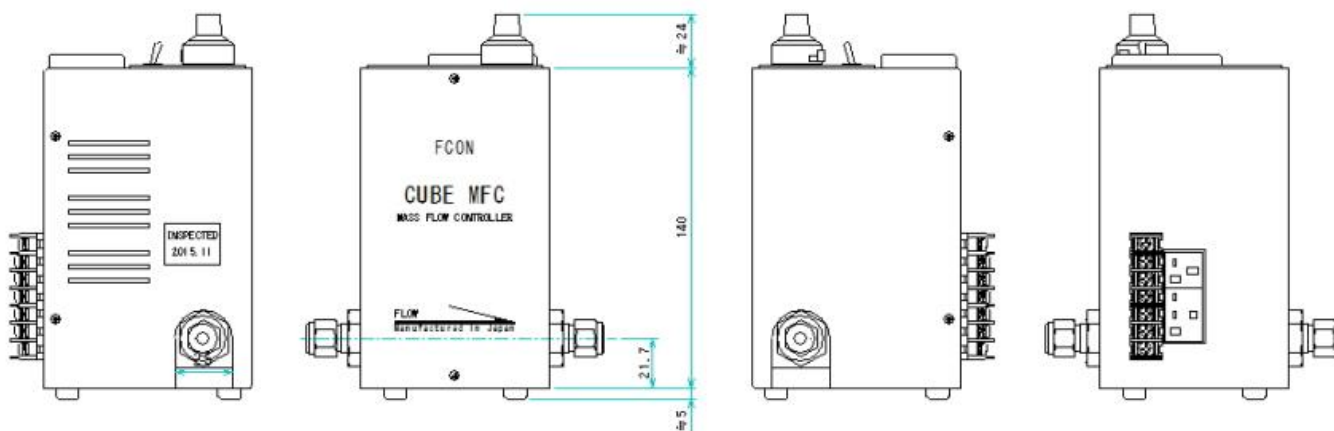
Can be used both horizontally and vertically

《Dimensions》



Face to face dimensions

1/4in. SWL (equivalent) : 127mm
One-touch fittings : 137mm



《Ordering》

CUBE MFC 1005 – 4S2 – 1L – N2

① ② ③ ④

① Series

1005 10 SCCM~5 SLM
1020 10~20 SLM
1030 30 SLM
1050 50 SLM
1100 100 SLM

④ Gas types (*2)

N₂, Air, O₂, H₂, He
CO₂ etc.

② Fitting

4S2 1/4in.SWL(equivalent)
KQ2 One-touch fittings

③ Full scale (*1)

50 50 SCCM
5L 5 SLM

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

Please specify separately if you wish to calibrate at 20 °C or 25 °C.

*2. Gas type is an example; please contact us for other gases.