

# DIGITAL MASS FLOWMETER/CONTROLLER

Measuring Range : 2SCCM-200SLM

### Features:

- accuracy±1% F.S
- Linear analog output
- Preheating time, small zero drift, high reliability
- Digital signals can be controlled and displayed by computer.
- Flow range 0-300SLM

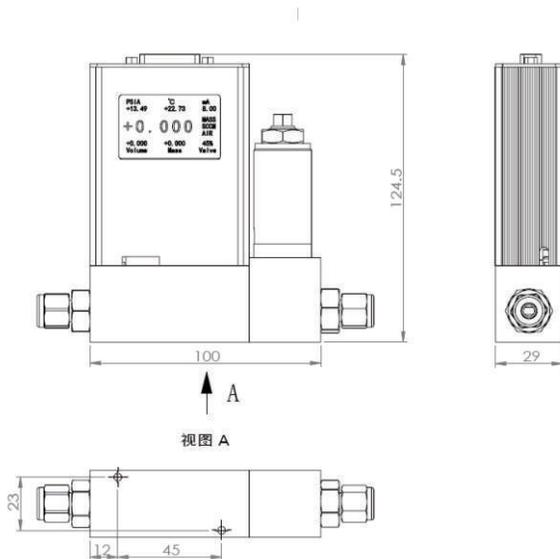
MM1000AC1 mass series is a analog digital compatible mode instrument, can be adjusted by analog digital display controller or instrument panel, or PLC to set and display instantaneous flow. This product applies MultiFlow technology, can be built in a variety of gas, can adapt to a variety of range. More efforts can be made to reduce the cost of purchasing.



### Application

- Gas flow measurement / control
- Medical equipment
- Glass industry
- Vacuum coating
- Analysis instrument
- fuel cell
- Atmospheric detection
- metallurgy
- environmental protection
- Gas preparation
- Solar energy

### Product size diagram



MMmass MFM&MFC Digital communication with Modbus

series	function	Sensor range	connect fitting	Gas name	User range	signal	display
MM1000AC1	FM : flow metr FC:flow controller	10: 10SCCM-20SLM 20: 30-100SLM 30: 100-200SLM 40: 200-300SLM	1/4 3/8 6mm 8mm 0: custom	N2	5SLM	A:0-5V B:4-20mA	01:with 02:without

Example selection:MM1000AC1FC10-1/4-N2-5SLM-A01

### Specification sheet

Technical indicators	MM1000AC1-FC	MM1000AC1-FM
Range	<b>2SCCM-200SLM</b>	
Accuracy	±1% F.S temperature ±1%	
linear	±0.5% F.S	
Repeatability	0.2% F.S	
response time	< 2s	< 1s
Analog	0-5v/4-20mA	
communication	RS485 Modbus RTU	
power supply	±15V/24V	
working temp	0-50	
Working pressure	Dp : 0.05-1.0MPa	press drop : < 30Kpa
Max pressure	3Mpa/10Mpa	
Electrical connection	DB15	
Leakage rate	1×10 <sup>-8</sup> SCCSHe	
temp C.F	±0.015% F.S/	
Base material	316 SST	
sealing	PTFE/CR/NBR	
Fitting	1/4" 3/8" 6mm 10mm	

specifications subject to change for continuous modification and improvements

# DIGITAL MASS FLOWMETER/CONTROLLER

Measuring Range : 300SLM-3000SLM

### Features

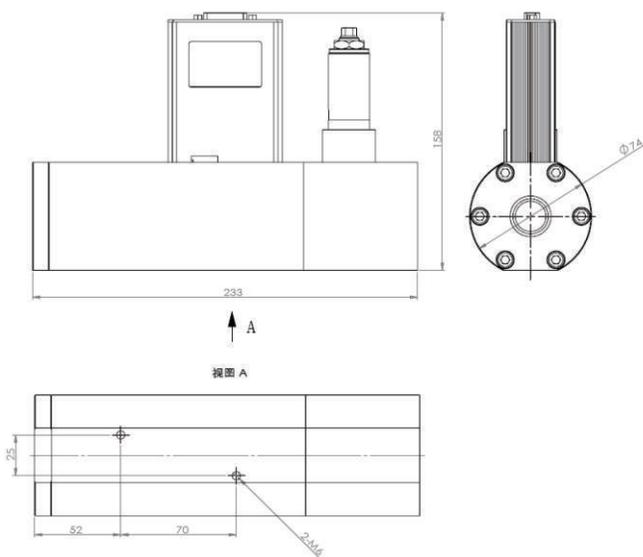
- accuracy±1% F.S
- Linear analog output
- Preheating time, small zero drift, high reliability
- Digital signals can be controlled and displayed by computer.
- Flow range 0-300SLM

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### Application

- Gas flow measurement / control
- Medical equipment
- Glass industry
- Vacuum coating
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- fuel cell
- Atmospheric detection
- metallurgy
- environmental protection
- Gas preparation
- Solar energy

### Product size diagram



<b>series</b>	<b>function</b>	<b>Sensor range</b>	<b>connect fitting</b>	<b>Gas name</b>	<b>User range</b>	<b>signal</b>	<b>display</b>
MM100AC1	FM : flow metr FC:flow controller	10: 300-500SLM 20: 1000-2000SLM 30: 2000-3000SLM	3/8 1/2 10mm 12mm 0 : custom	N2	500SLM	A:0-5V B:4-20mA	01:with 02:without

Example selection:MM1000AC1 FC10-3/8-N2-500SLM-B02



### Specification sheet

Technical indicators	MM1000AC1-FC	MM1000AC1-FM
Range	300SLM-3000SLM	
Accuracy	±1% F.S	
	temperature ±1	
linear	±0.5% F.S	
Repeatability	0.2% F.S	
response time	< 2s	< 1s
Analog	0-5v/4-20mA	
communication	RS485 Modbus RTU	
power supply	±15V/24V	
working temp	0-50	
Working pressure	Dp : 0.05-1.0MPa	press drop: < 30Kpa
Max pressure	3Mpa/10Mpa	
Electrical connection	DB15	
Leakage rate	1×10 <sup>-8</sup> SCCSHe	
temp C.F	±0.015% F.S/	
Base material	316 SST	
sealing	PTFE/CR/NBR	
Fitting	1/4" 3/8" 6mm 10mm	

specifications subject to change without notice for continuous improvement



**CONNECT+**  
IoT Solution Enabled

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