

### Dmass Series mass flowmeter / controller

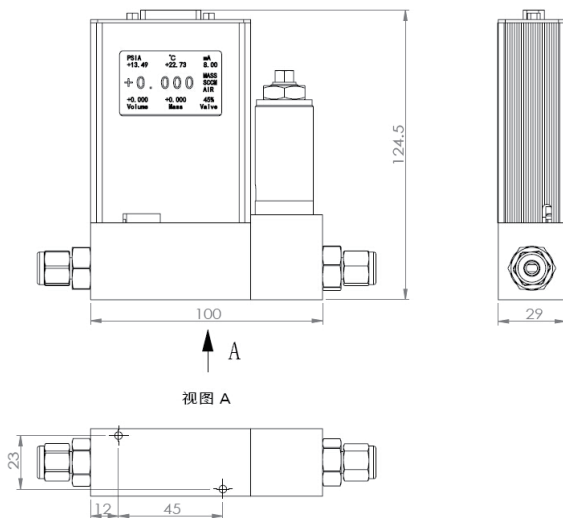
- accuracy±1% F.S
- Linear analog output
- Preheating time, small zero drift, high reliability
- Digital signals can be controlled and displayed by computer.
- Flow range 0-300SLM

Dmass 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



### Specification sheet

Technical indicators	MFC	MFM
Range	2SCCM-200SLM	
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	

### Dmass MFM&MFC Digital communication with Modbus

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

Example selection:DFC10-1/4-N2-5SLM-A01

### XDmass Series mass flowmeter / controller

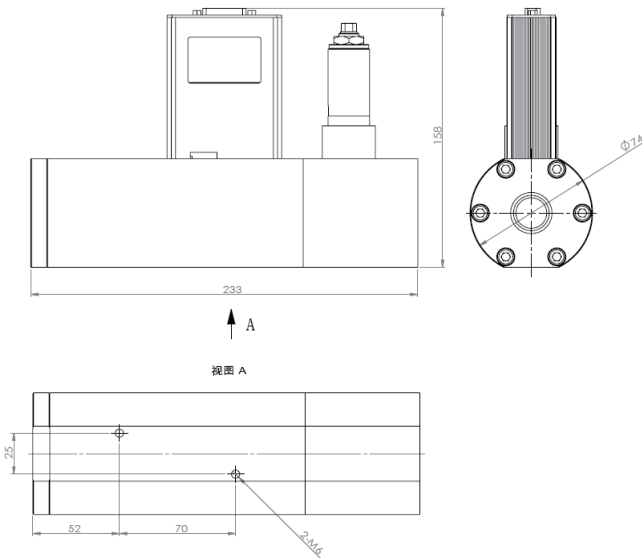
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XD	FM: flow metr FC:flow controller	10: 300-500SLM 20: 1000-2000SLM 30: 2000-3000SLM	3/8 1/2 10mm 12mm 0: custom	N2	500SLM	A: 0-5V B: 4-20mA	01:with 02:without

Example selection: XDFC10-3/8-N2-500SLM-B02



### Specification sheet

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Repeatability	0.2% F.S	
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Analog	0-5v/4-20mA	
communication	RS485 Modbus RTU	
power supply	±15V/24V	
working temp	0-50℃	
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