

AMC1000 Mass Flow Controller



1. Product Summary

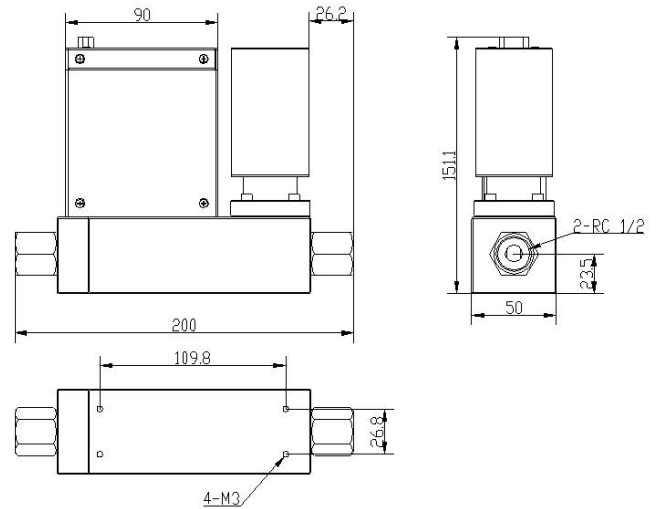
AMC1000 Mass Flow Controller(MFC), is a device for precise measurement and control of gas flow. AMC1000 adopts self-developed MEMS mass flow chip, which is very accurate and stable, and has the advantages of high and low temperature resistance, good linearity, and fast response time.

AMC1000 mass flow controller is calibrated before delivery, the range, accuracy, repeatability, response time... are all calibrated.

2. Key Features

- ◆ LCD Display
- ◆ Measurement range: 0~200L/min
- ◆ Good repeatability
- ◆ High stability and reliability
- ◆ Various gas measurements
- ◆ Standard Modbus RTU communication

3. Dimension



Unit: mm

4. Technical Parameters

Measurement range	0~200L/min(standard)
Accuracy	±3%FS
Typical power supply	6.5W@24V
Working voltage	24V DC
Working current	<400mA
Communication mode	RS485

5. Applications

AMC1000 can be used to monitor and control the mass flow of air, nitrogen, argon, carbon dioxide, helium, oxygen and other dry, clean and non-corrosive gases (except for flammable and explosive gases). It can be widely used in university scientific research, fire protection, environmental monitoring, tobacco, smart agriculture, food, medicine and other industries.



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