

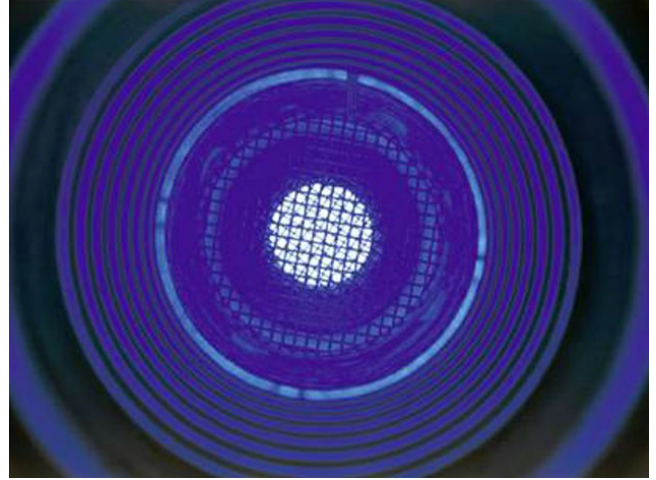
# APPLICATION NOTE A066-GP99 - SUB-ATMOSPHERIC

APPLICATION NOTE A066-GP99

## SUB-ATMOSPHERIC

Bronkhorst offers digital MASS-STREAM D-6300 mass flow meters and integrated flow controllers for gases with flow rates from 0,2 up to 5000 l/min Air equivalent.

The CTA (Constant Temperature Anemometry) inline measurement principle incorporates effectively an open pipe allowing mass flow measurement and control also with pressure ratings below 1 bar(a).



### Application requirements

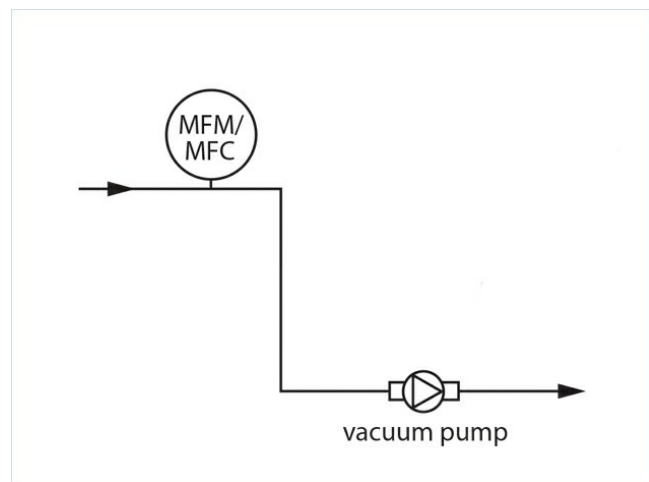
- $P_1 >$  approximately 300 mbar (a)
- Integrated valve control with optional valve function 'fails in place' in case of a power failure
- Gas flow suction through the instrument can be generated with a pump
- Process evaluation with a trial unit before final order placement

### Industrial sectors

- Process
- Low pressure
- Vacuum
- Testing
- Research

### Optional features

- Multi-functional displays
- Additional interface
- Up to 8 calibration curves in one instrument
- Degreased instruments for oxygen applications



Flow scheme

## Recommended Products



**MASS-STREAM D-6370 MFM**

Min. flow 2...100 l/min  
Max. flow 10...1000 l/min  
Pressure rating up to 20 bar  
Rugged sensor and housing (IP65)  
Optional integrated TFT display



**MASS-STREAM D-6380 MFM**

Min. flow 10...500 l/min  
Max. flow 50...5000 l/min  
Pressure rating up to 20 bar  
Rugged sensor and housing (IP65)  
Optional integrated TFT display



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