

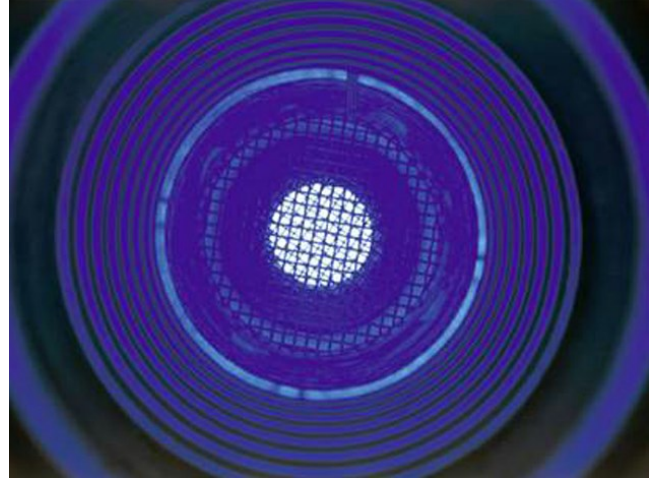
APPLICATION NOTE A066-GP99 - SUB-ATMOSPHERIC

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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

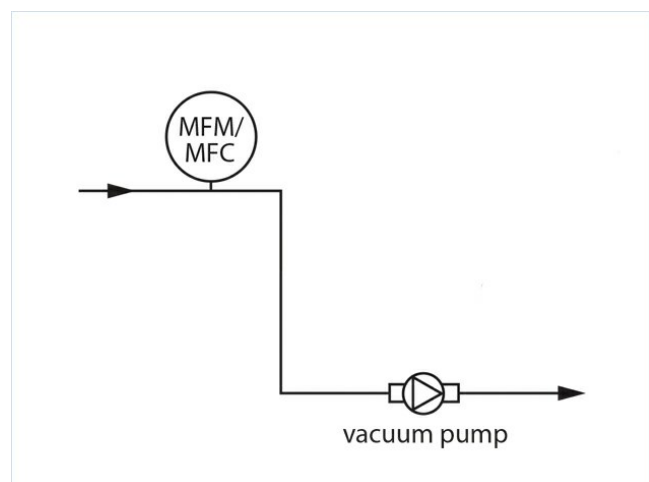
- $P_1 >$ approximately 300 mbar (a)
- Integrated valve control with optional valve function 'fails in place' in case of a power failure
- Gas flow suction through the instrument can be generated with a pump
- Process evaluation with a trial unit before final order placement

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



BRONKHORST USA INC.

57 South Commerce Way

Suite 120

USA - Bethlehem, PA 18017

Tel. [+1-610-866-6750](tel:+1-610-866-6750)

sales@bronkhorstusa.com