

AERATION

Bronkhorst offers mass flow meters and controllers up to 5000 l/min Air equivalent. In aeration applications up to 50% of the MASS-STREAM instruments are sold with multi-functional display which offers a wide range of additional options.

This application note introduces aeration representing several ideas for using our instruments in different industrial sectors. Aeration is a process which circulates, mixes or dissolves air (or other gases) in a liquid or substance.



Application requirements

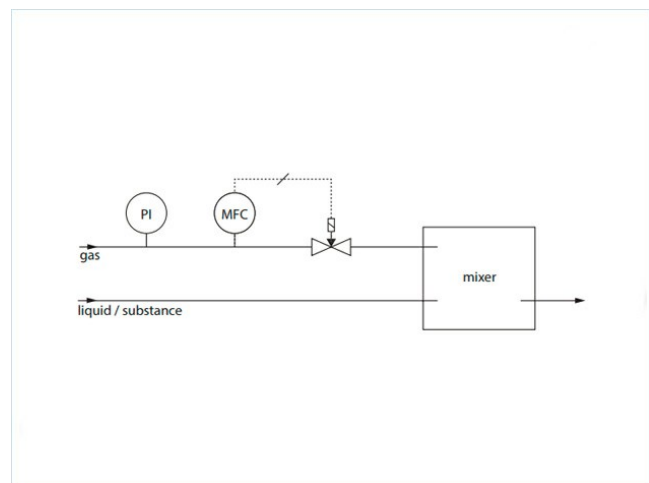
- Robustness
- High repeatability
- Easy to check actual flow
- Gas consumption
- Ingress protection class IP65

Industrial sectors

- Food and beverage
- Waste water treatment
- Fermentation
- Fish and algae farms
- ...

Optional features

- Multi-functional display
- Additional interface
- Up to 8 calibration curves in one instrument
- Pressure rating P1 up to 20 bar(g)
- Compression type fittings



Flow scheme

Recommended Products



MASS-STREAM D-6310 MFM

Min. Bereich 0,01...0,2 l/min
Max. Bereich 0,1...2 l/min
Druckstufe bis zu 20 bar
Robuster Sensor, IP65 Gehäuse
Option: integriertes TFT-Display



BRONKHORST DEUTSCHLAND NORD GMBH

Südfeld 1b
59174 Kamen (GER)
Tel. [+49 230792512-0](tel:+492307925120)
info@bronkhorst-nord.de

