

## 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

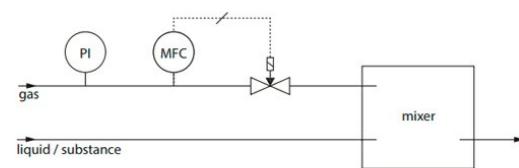
- Robustness
- High repeatability
- Easy to check actual flow
- Gas consumption
- Ingress protection class IP65

### 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 ln/min

Max. Bereich 0,1...2 ln/min

Druckstufe bis zu 20 bar

Robuster Sensor, IP65 Gehäuse

Option: integriertes TFT-Display



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