

# Aeration

Application note A062-GP99-1216B



◆ Beverage

**Bronkhorst offers mass flow meters and controllers up to 5000 l<sub>n</sub>/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.



MASS-STREAM Series D-6300

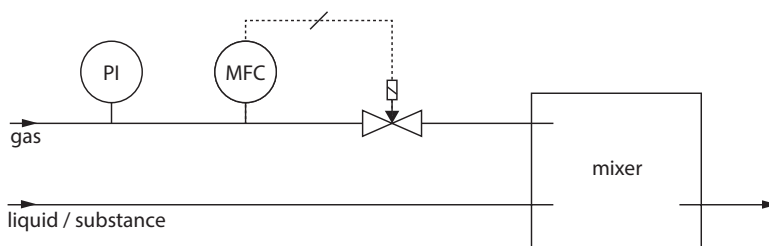
## Application requirements

- ◆ 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
- ◆ ...

## Process information



Flow scheme

### Optional features

- ◆ Multi-functional display
- ◆ Additional interface
- ◆ Up to 8 calibration curves in one instrument
- ◆ Pressure rating P<sub>1</sub> up to 20 bar(g)
- ◆ Compression type fittings

## Contact information



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GP: General Purpose  
99: Miscellaneous