

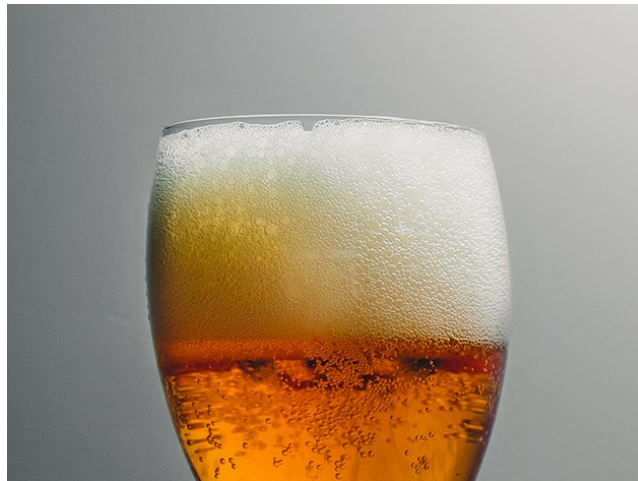
# APPLICATION NOTE A062-GP99 - AERATION

APPLICATION NOTE A062-GP99

## 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

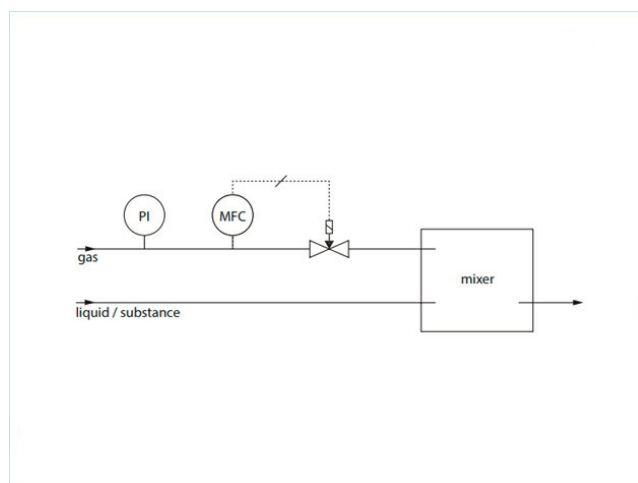
- Robustness
- High repeatability
- Easy to check actual flow
- Gas consumption
- Ingress protection class IP65

### 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. flow 0,01...0,2 l/min

Max. flow 0,1...2 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](mailto:sales@bronkhorstusa.com)