



*Hygienic
Gas Air Sampler*

HyGAS

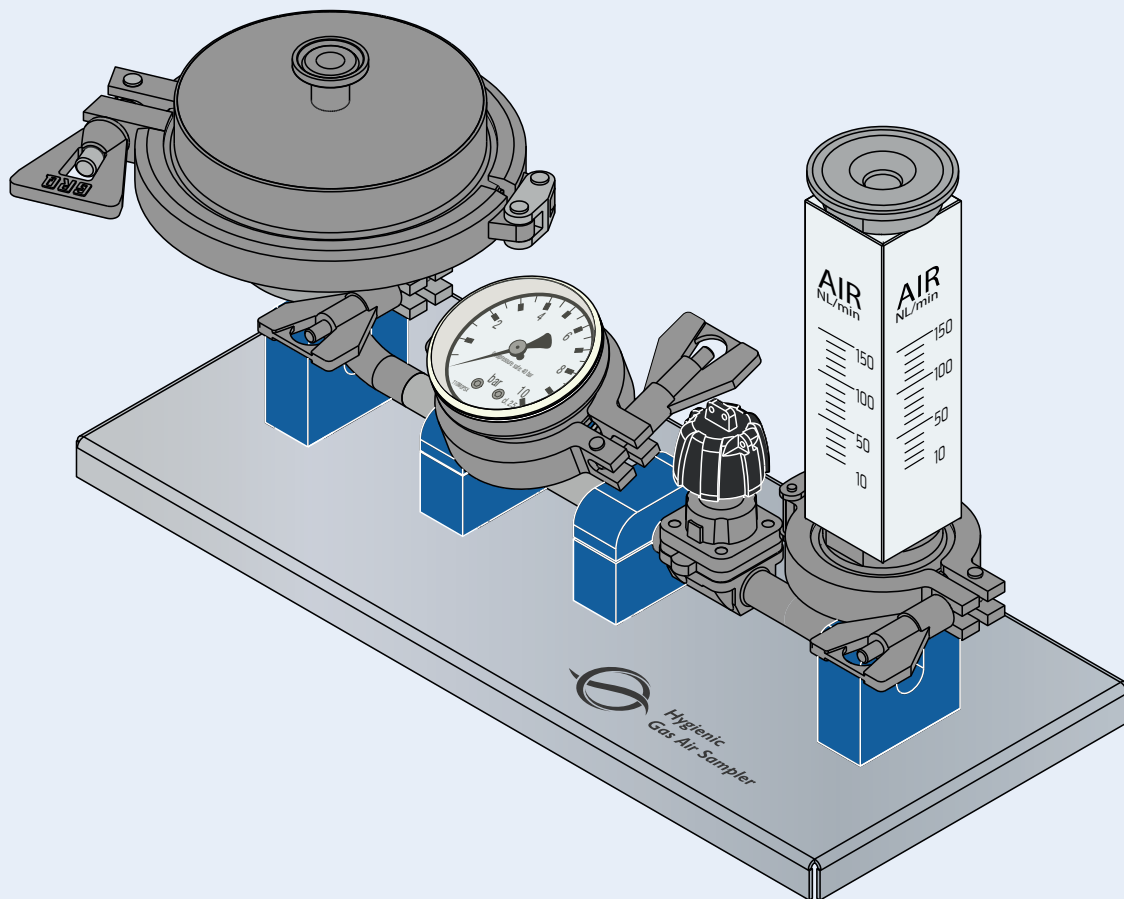
Compressed Gas Microbial Air Sampler

**SAMPLING
AT WORKING
PRESSURE**



DESCRIPTION

The microbial sampling of compressed gas is a critical operation for all the application where a source of compressed gas is used in a manufacturing process.



The compressed gas sampler must be able to capture the microorganism in an efficient way without killing them. It must be able to withstand pressure and it must be very simple to clean and disinfect it to reduce cross contamination.

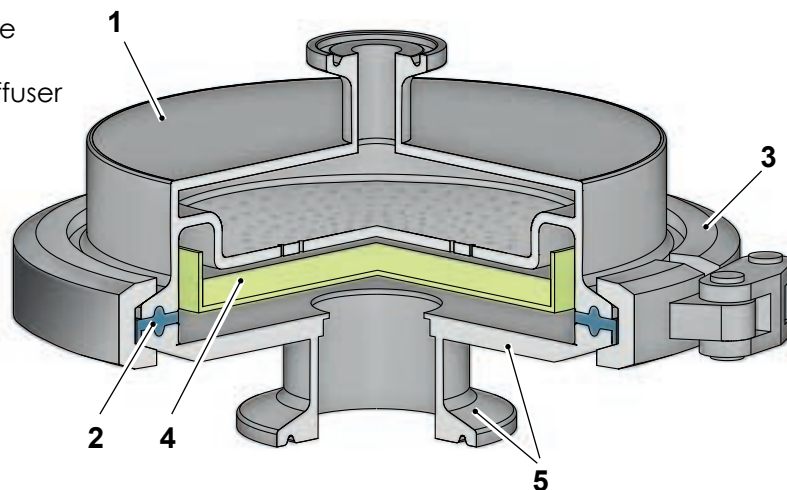
The new HyGAS is the perfect solution to face those challenges.

- ▶ Sampling directly at system working pressure (up to 6 bar)
- ▶ Hygienic Design
- ▶ Body material made of electropolished stainless steel 316L grade
- ▶ Lot of accessories available
- ▶ No need of external power source
- ▶ Available for both Petri Plate and Membrane
- ▶ Designed to minimize d50 value and to spread evenly the gas onto the sampling media

MAIN FEATURES

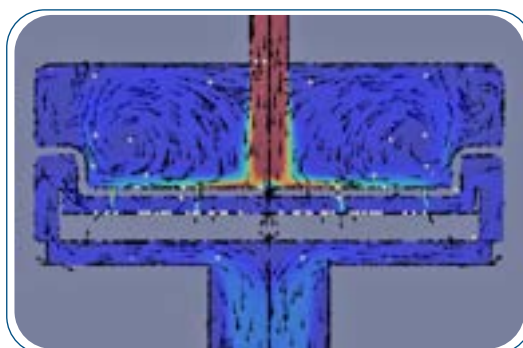
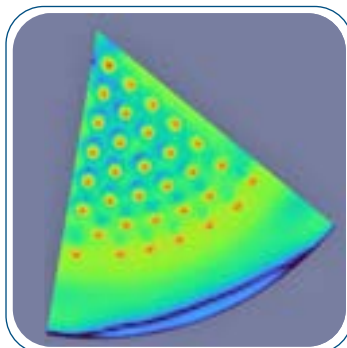
SAMPLING AT PRESSURE

- ▶ Direct sampling at working pressure
- ▶ No need of pressure reducer or diffuser
- ▶ Made in polished Stainless steel



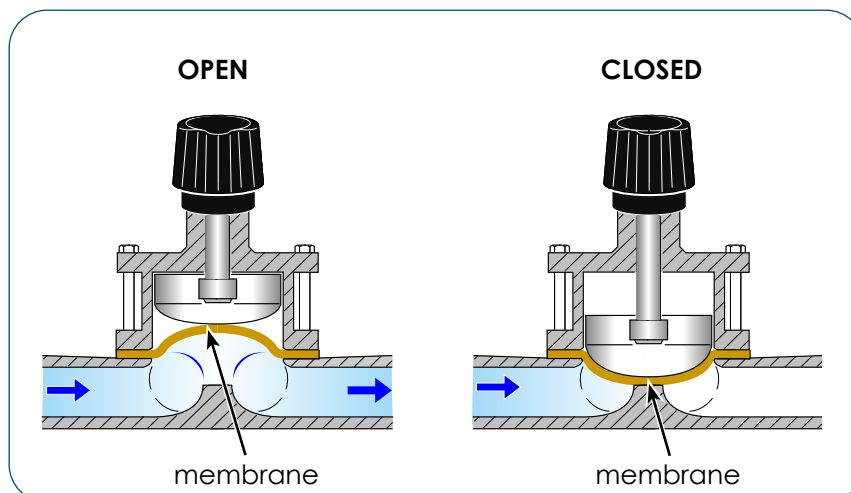
DESIGNED TO MAXIMIZE EFFICIENCY

- ▶ CFD design
- ▶ Flow evenly distributed
- ▶ Calculated d50 of 0,8 μ m



EASY TO CLEAN

- ▶ Triclamp sanitary fitting
- ▶ No screws or threaded parts
- ▶ Diaphragm valve
- ▶ Sanitary pressure gauge



ACCESSORIES

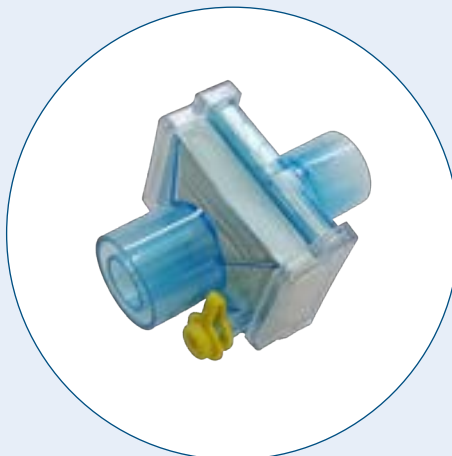
Cone for Ø47mm membranes

- ▶ Adapter for membrane sampling
- ▶ Special design to withstand membrane at pressure
- ▶ Fully autoclavable
- ▶ Hygienic design



HEPA filter at outlet

- ▶ HEPA H13 grade
- ▶ Used to avoid contamination
- ▶ Supplied in sterile envelop
- ▶ Easy to replace



Digital flowmeter

- ▶ Easy to read
- ▶ Stainless steel body
- ▶ Powered by a single AA-type battery
- ▶ Touch interface

