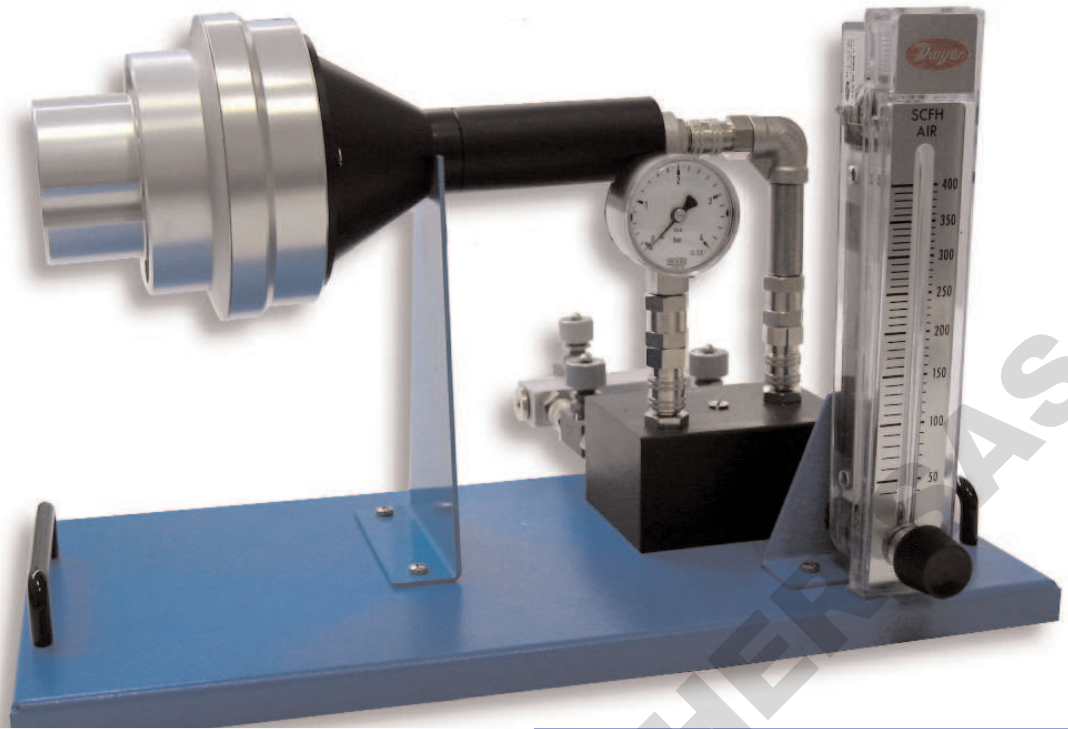


FLOWCOMPRESSED



FLOWCOMPRESSED

MICROBIOLOGICAL ARI SAMPLER FOR GAS COMPRESSED CONTROL

PRINCIPAL FEATURES

The **FLOWCOMPRESSED** has been specifically developed for the sampling of bio-contaminant (fungal spore, bacterial cells, etc.) in compressed air or gas employed in manufacturing plant with controlled contamination areas.

The aim of this sampling is to verify and quantify the presence of microorganism that can compromise the sterility of the intermediated or finished products.

- Autoclavable anodised aluminium *sampling head*, with conical holes:
60 mm head: 219 holes (\varnothing 1 mm)
90 mm head: 380 holes (\varnothing 1 mm)
- Autoclavable anodised aluminium *support plate*
- *Bayonet head coupling system*
- Air diffuser *funnel* in black PVC
- *Flowmeter* range 50 - 400 SFCH
- *Manometer*
- *Maximum compressed air input pressure*: 4 bar
- *Base and mounting bracket plate* with blue epoxy powder coating
- *Size*: 400 x 210 x 250 mm (W x D x H)
- *Weight*: ~ 4 Kg
- *Power supply*: not required
- *Operating temperature*: 10 °C - 40 °C



Some possible **APPLICATIONS** are:

- security restricted areas
- hospital
- pharmaceutical industries
- food and dairy company
- air treatment systems
- establishment for water purification
- working areas exposed to controlles in demand of HACCP

AVAILABLE MODELLS:

The kit may be required with::

- *sampling head of 60 for contact plates* (\varnothing 60 \pm 2 mm)
- *sampling head of 90 for Petri plates* (\varnothing 90 \pm 2 mm)
- *both the sampling group heads*

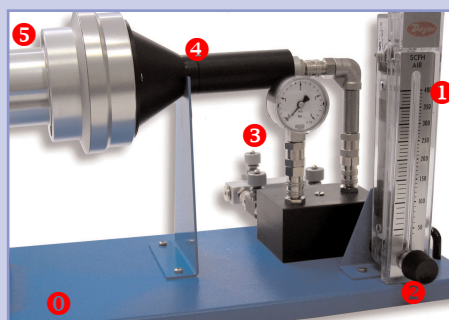


For **OPERATING** with "Microflow Compressed" it's enough that the sampler is connected to the interested section through a sterile tube. Check with the pressure gauge that the pressure of the incoming gas is not more than 4 bars (in this case it is necessary to reduce the pressure with a regulator placed upstream of the inlet tap) not to cause an excessive impact stress to the microorganisms. Through the flowmeter it is possible to adjust the air flow to the desired flow rate. The air, through the diffusion funnel, will impact on the plate with agar medium simply pushed by the gas pressure itself

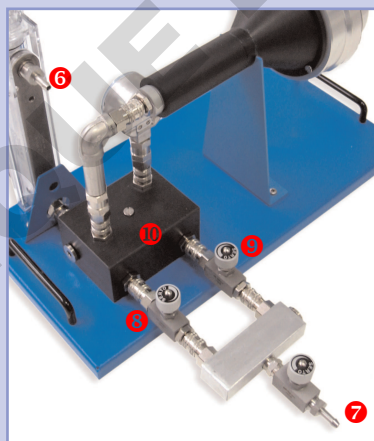


FLOW Compressed

COMPONENTS



- 0 Base
- 1 Flowmeter
- 2 Knob of the flowmeter
- 3 Manometer
- 4 Air diffuser funnel
- 5 Sampling head (Ø90 mm o Ø60 mm)



- 6 Flowmeter output
- 7 Input connection of the compressed gas
- 8 Input connection for flow control
- 9 Sampling input connection
- 10 Multiway block

ACCESSORIES



- Pencil torch
- Microflow a supporto

SAMPLING RECORD

If you need to record the sampling it is possible to use, in place of the housing of the plate (point 5), the sampler MicroFlow. The sampling time in this case will be governed by the same Microflow.



Distributor:



AZIENDA CERTIFICATA
UNI EN ISO 9001



Via della Levata n°14 - 20084 Lacchiarella (MI)
Tel. 02.90091399 Fax 02.9054861
e-mail: info@aquariasrl.com
www.aquariasrl.com