

FLUGAS SYSTEM

TRIO.BAS™

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Microbiological sampler to test quality of Air/Nitrogen/CO2
compressed gas used in Cleanroom



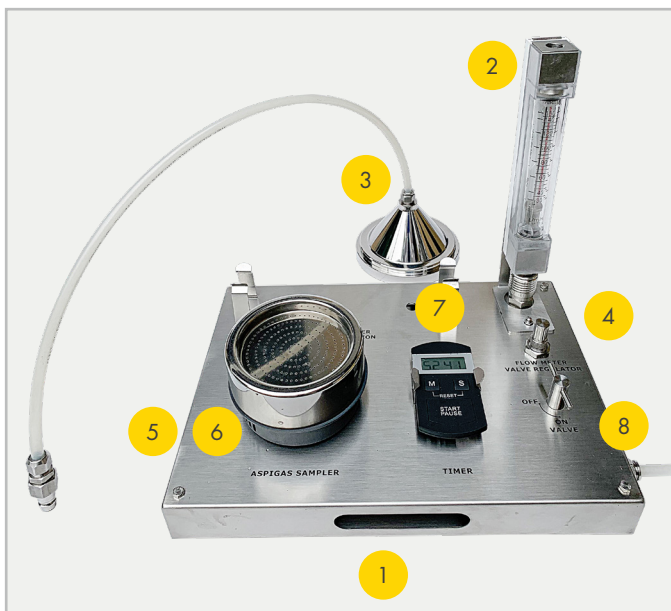
- This device is developed to test the presence of micro-organisms in compressed gas samples (air, nitrogen, CO2, Argon) supplied from tanks and pipes under pressure.
- The 100 lt/min flow rate of FLUGAS System is guaranteed by a flow regulation system controlled by the operator via a calibrated flow meter.
- The system includes ASPIGAS chamber and the results are recorded manually. Optionally, the test can be performed with a TRIO.BAS 100 lt/minutes and the records are automatic.

DESCRIPTION

- FLUGAS System consists of:
 - stainless steel compact base (1);
 - analog calibrated vertical flow meter (2);
 - stainless steel AISI316 bell chamber (3);
 - on/off valve and a regulator for flow rate (4);
 - ASPIGAS chamber with Aspirating head (5 - 6);
 - digital timer (7);
 - gas input to be sampled (8)
- The system is compliant with ISO Standard 8573-7 and ISO 14698.
- If the FLUGAS System is used in combination with ASPIGAS chamber, the test is manual and the time is calculated by a digital timer.
- If the FLUGAS System is used in combination with a TRIO.BAS air sampler the whole cycle of the test is programmed automatically, controlled and recorded by the software of the device. The sampling data can be transferred via cable or Bluetooth to a PC with a dedicated software according to GMP and GPL.
- All the components of the FLUGAS System are autoclavable (excluding the vertical flow meter and timer).
- Input pressure: 1 ÷ 10 bar:
 - air flow 100/200 lt/min (200 l/m optional)
- Size 21x17x12H cm. (with flow meter 32,5H cm) Weight: 1,38 Kg. (with flow meter 2 kg).

Code	FLUGAS SYSTEM
597	FLUGAS System Petri - with flow meter, ASPIGAS chamber, aspirating head Petri and digital timer
598	FLUGAS System Contact - with flow meter, ASPIGAS chamber, aspirating head Contact and digital timer

Data must be manually recorded and sample must be timed when using chamber without a TRIO.BAS instrument.



Flugas components



Flugas in combination with AIRBIO ONE filter



Flugas with bell mounted on AIRBIO ONE



Flugas with bell mounted on Aspigas sampler