AGC MICROBIAL AIR SAMPLER

TRIO.BAS™

A COMPLETE INSTRUMENT DEVELOPED TO COVER THE BASYS OF THE MICROBIAL ENVIRONMENTAL MONITORING

A AIR SAMPLER **G** GAS SAMPLER **C** CALIBRATION CONTROL

AGC AIR SAMPLER GAS

AGC sampler consists of:

1) instrument for sampling air in the cleanroom at 100 l/m

A bell for:

2) Sampling the compressed gas at 100 l/m and

A bell for:

3) checking the precision's level of the flow rate

Description

The body of the AGC instrument is designed to stand much more stable on the surface. It is also easier for the end user to read the keyboard and, as the aspirating head is vertical, to place the plates or the bell on it. Primary applications are for pharmaceutical aseptic filling suites, cleanrooms, biotech, IVF clinics, operating theaters, hospital, pharmacies, blood banks.

It is used for active microbial air sampling

If used for sampling the gas, the instrument works by measuring the pressure's variation generated by air sampler while air is aspirated through a stainless steel bell. A differential pressure sensor measures that variation and compares it with the reference values.

The digital control unit works as a flow meter before the gas passes through the microbial sampler.

When used to check the status of the calibration, the instrument runs by measuring the pressure's variation generated by air sampler while air is aspirated through a technopolymer bell placed on the head of the sampler. The differential pressure sensor measures that variation and compares it with the reference values.

At the end of the test, the instrument gives the result of the test: OK if the air sampler is still calibrated, WARNING or ERROR if the air sampler is not calibrated within initial calibration specifics.

- The data can be always transferred to a PC if a dedicated software is installed.
- The transfer of data can be always made via Bluetooth (or via cable for cable models only). This is helpful for all companies that, due to internal policy, are not allowed to use wireless transfer.
- The battery is recharged by a power cable connected directly to the air sampler.
- When used as active air sampler the use of optional sterile "Daily Shift" aspirating heads reduces the risk of contamination.
- It is possible to work either in manual or automatic mode.
- It is compact and easy to transfer.
- Compliant with ISO 14698-1, ISO 8537-7 and FDA.
- SOP (Standard Operating Procedure) available from Application Notes.

Performances

- Technopolymer shockproof body with antibacterial performances of surfaces
- Stainless steel aspirating head with quick bayonet closure, identification number and stainless steel cover to prevent contaminations
- For gas test , the bell chamber, the valve and the regulator are in AISI 316 rated stainless steel. The bell's gasket is in silicon. All parts are autoclavable.
- For calibration check the bell chamber is in technopolymer
- Volume of aspirated air: 100 litres/min both for air sampling and gas sampling
- Selected volumes from 30 to 2.000 litres and 17 prefixed programs
- Power supply system: the instrument can be charged continuously by AC powered source 110/240 volt 50/60 hz or by rechargeable battery (inside the air sampler)
- Battery cycles autonomy: 70.000 litres
- Language: English, French, German, Spanish, Italian
- Operative aspirating cycles: manual and automatic
- Memorized data: up to 1.000 samples
- Configuration of 50 users and 50 places
- Delay time, fraction time and fraction number
- Bluetooth connection or cable for data transfer to tablet or PC (with AS SW or BAS SW installed)
- Automatic next calibration reminder
- CE mark
- Continuous/trending analysis according to the USP
- Input pressure of compressed air or gas: 1 ÷ 6 bar
- Suitable for 90 mm Petri dishes or 55 mm Contact plates
- Size instrument: 303x158x135 H mm – weight 1830 gr.
- Stainless steel bell diam. 80x200 h mm – weight 1200 gr.
- Technopolymer bell chamber diam. 100x110 h mm. – weight 300 gr.
- Built in ISO 9001 premises
- IQ, OQ, PQ documentation are available
- Data integrity CFR 21 and GAMP5 (with BAS SW)
- Compliant with ISO 14698-1, EN 17141, ISO 8537-7 and FDA

Identification Codes

Code	AGC MICROBIAL AIR SAMPLER PACK (*)
670K	AGC MICROBIAL AIR SAMPLER 100 Petri PACK with cable (100 l/m) for Petri dishes
671K	AGC MICROBIAL AIR SAMPLER 100 Contact PACK with cable (100 l/m flow rate) for Contact Plate

(*) each pack consists of: 1 air sampler with Bluetooth and power battery charger with 1 s/s aspiration head and 1 s/s cover head, 1 compact stainless steel bell chamber with a valve and a regulator for gas pressure, 1 technopolymer bell for calibration check, 1 autoclavable tube for connecting the control unit to the bell, 1 calibration certificate, 1 cable for data transfer, 1 robustus carrying case

AGC Air Sampler checking flow rate

AGC Air Sampler