

MICROFLOW ALPHA



Microflow α

MICROFLOW has been developed for air biocontaminants sampling in critical places (e.g. clean rooms, food plants, fermentation's plants etc...).

MICROFLOW allows to verify and quantify microorganism presence.

In this way you can value the exposure or you can identify the source in order to put in place corrective actions.



PORTABLE MICROBIOLOGICAL AIR SAMPLER

MAIN FEATURES

- 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
- Antimicrobial silver ions internal painting
- Bayonet head coupling system
- Rechargeable battery operated. Battery Ni/Mh (memory effect free) with 4 hours battery life
- Recharging battery in 3 - 4 hours
- Manual, sequential and programmed sampling
- Delay start function
- Preset sampling flow rates:
30-60-90-100-120 l/min
- Remote switch with infra-red rays control
- Storing and displaying up to 99 samplings
- USB output interface for PC computer connection (optional)
- Dimensions: 310 x 130 x 170 mm (w x d x h)
- Weight: 1,9 Kg

AVAILABLE MODELS:

MICROFLOW 60: it works with contact plates (\varnothing 60 \pm 2 mm)

MICROFLOW 90/C*: it works with Petri dishes (\varnothing 90 \pm 2 mm)

MICROFLOW 60-90/C*: it works with both contact plates (\varnothing 60 \pm 2 mm) and Petri dishes (\varnothing 90 \pm 2 mm)

* with automatic compensation system

Some possible **APPLICATIONS** are:

- clean rooms
- hospitals
- pharmaceutical industries
- food and dairy industries
- air treatment plants
- water treatment plants
- working areas

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MICROFLOW KIT includes:

- Carrying case
- Microbiological air sampler
- Additional aluminium sampling head
- Battery charger
- IR remote control
- Pencil torch for head sterilisation
- Pack of 7 plates PCA
(only for Microflow 60 and 60-90/C)
- User manual (in English)
- Calibration report



OTHER FEATURES

- Disinfectable polyurethane body
- Complete internal separation between sampling area, electronic board and battery location
- Graphic display for menu presentation
- Displaying of sampling operations "step by step"
- Prompts in five languages (*Italian, French, English, German and Spanish*)
- Total volume of sampled air programmable from 1 up to 2000 litres. 1 litre step (program and sequential sampling mode) or more (manual sampling)
- Calibration function (with optional calibration kit)
- Display alarm for low battery
- Two ON/OFF indicating lights to verify the instrument activation
- Sampling in vertical or horizontal position without tripod auxilium
- **Flow rate calibration system has been developed by "Politecnico di Milano" - Technical University Aersospatal Engineering Department (rel. n.377 2003) and it has been certified by "I.N.R.I.M." of Turin (Cert. n. 10-0114-01/2010)**



**BUILT IN COMPLIANCE WITH :
ISO 14698-1
UNICHIM METHOD 1962-2**

ACCESSORIES

- Range of agars, depending on organisms to be monitored
- Additional aluminium sampling head
- PC interface with software (MS WINDOWS 9x/2000/XP)
- Pencil torch
- Master tripod (maximum height 3,84 m)
- Noze for CFU measurement in ducts diam. 35 mm. (for 60 or 90 mm. head)
- Calibration system designed by "Politecnico di Milano"



UNI EN ISO9001:2000
CERTIFIED



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