

# MICROFLOW 90



## MICROFLOW 90

## PORTABLE MICROBIOLOGICAL AIR SAMPLER

MICROFLOW has been developed for sampling of air biocontaminants (yeasts, moulds and bacteria). The object of this sampling is to verify and quantify the microorganism presence in order to carry out an exposure evaluation or an identification of their source and, if it is necessary, accomplish suitable corrective interventions.

### MAIN FEATURES

- Autoclavable anodised aluminium sampling head, with 380 conical holes ( $\varnothing$  1 mm)
- Autoclavable anodised aluminium support plate
- Petri dishes (90 +/- 2 mm) used
- Rechargeable battery operated. Battery Ni/Mh (memory effect free) with autonomy of 4 hours
- Battery recharging in 3-4 hours
- Manual, sequential and programmed sampling
- Delay start
- Five different flow rates (30-60-90-100-120 l/min)
- Remote switch with infra-red rays control
- Storing and visualising up to 99 samplings, with record of progressive (number, date, hour, volume or time of sampling, flow rate)
- Serial output interface for PC computer connection (optional)
- Dimensions: 300 x 120 x 140 mm (w x d x h)
- Weight: 1,5 Kg

*The MICROFLOW 90 can sample in horizontal and vertical position without the tripod*



Some possible **APPLICATIONS** are:

- clean rooms
- hospitals
- pharmaceutical plants
- food plants and dairy casery
- building air conditioning plants (HVAC)
- water depuration plants
- working places

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The **KIT MICROFLOW 90** includes:

- Carrying case
- Microflow 90
- Spare aluminium sampling head
- Device to center the Petri dish
- Battery charger with full charger indicator
- IR remote control
- Pencil torch for head sterilisation
- User's manual (in English)
- Calibration certificate



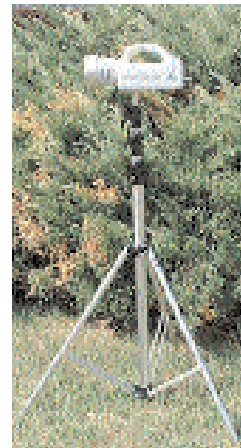
## OTHER PROPERTIES

- Disinfectable poliuretane body
- Alphanumeridisplay for the menu presentation and for the visualisation of the sampling parameters
- Visualisation of the sampling operations "step by step"
- Prompts in five languages (*Italians, French, English, German and Spanish*)
- Total volume of sampled air programmable from 1 up to 1000 litres with 1 litre step (in programmed and sequential sampling) or more (in manual sampling)
- Calibration function (with the optional calibration kit)
- Display alarm for low battery
- ON/OFF luminous L.E.D. in order to verify the activation of the instrument



## ACCESSORIES

- Ready Petri plates
- Calibration kit "MICROCONTROL" developed by Aerspatial Engineering University of Milan
- PC interface with software (WINDOWS 95/98)
- Device to center the Petri plates
- Additional stainless-steel head
- Pencil torch



- Master tripod (maxim height 3,84 m)



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CERTIFICATED



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