AIR IDEAL® 3P®
I am powerful. I am simple.
THE SOLUTION FOR AIR SAMPLING ENVIRONMENTS

Standard of Performances

The AIR IDEAL® 3P® was third party validated by the Health Protection Agency to meet the stringent requirements of ISO 14698-1 for the control of clean rooms.

EASE OF USE
Lightweight (1.2 kg)
Ergonomic shape and easy to handle
Audible and visual signals
Long battery life, short charge time (3 hours)

SIMPLE INTERFACE
Programmable
Rapid set up time, previous airflow program is saved
Sequential sampling and volume adjustable up to 2000 L

ROBUSTNESS AND RELIABILITY
Precise air intake
Robust with shockproof ABS plastic
Minimal disruption of unidirectional airflow
Flow rate and linear velocity: 100L/min and 20m/s
High autonomy, at least 24 consecutive 1000 liter samples to be collected

FREE OF CONTAMINATION
Smooth surface, free of dead angles for ease of cleaning
Simple, validated air circuit decontamination procedure
Disinfectant compatibility
Autoclavable sampling grids
VHP proof

VALIDATION OF THE AIR CIRCUIT DECONTAMINATION EFFICIENCY

The efficiency of the equipment’s air circuit decontamination with IPA has been validated following the recommendation of the NF EN 1040 standard.

This procedure allows the reduction of 4.6 log of P. aeruginosa.

PHYSICAL EFFICIENCY

Thirty years of investigation on environmental airborne particles containing bacteria have demonstrated that the range of particle sizes is from 5 to 15 μm, with a median size of particles at 13 μm.

The result of physical evaluation of AIR IDEAL® 3P® following the ISO 14698-1 standard, demonstrated that the bioMérieux air sampler is highly efficient for collecting particles containing bacterial cells in the range 2.1-14 microns.

Indeed, in this range of particle size, AIR IDEAL® 3P® collects from 85% to 139% of the particles. This study confirmed that air IDEAL® 3P® has a high level of collection of the particles of interest (above 5 μm) with an efficiency of collection superior to 100%.
For a fully integrated environmental monitoring solution and a reliable standard of quality, bioMérieux provides a global range of products benefiting from over 50 years of microbiology expertise.

Get the best performance when combined with our 3P culture media

**AIR IDEAL® 3P®**
AIR IDEAL® 3P® equipped with 90 mm diameter sampling grids  
Reference 410175

**ACCESSORIES**
90 mm diameter additional sampling grids  
Reference 96309
Aluminium tripod with ball joint and adapter  
Reference 96308

**CULTURE MEDIA**
Irradiated Trypcase Soy Agar 3P  
Reference 43169/43711
Irradiated Trypcase Soy Agar 3P with Neutralizers  
Reference 43811/43819
Irradiated Sabouraud Dextrose Agar 3P with Neutralizers  
Reference 43814