

# BIO-MAS-100PL

Brand : **BioGenix**

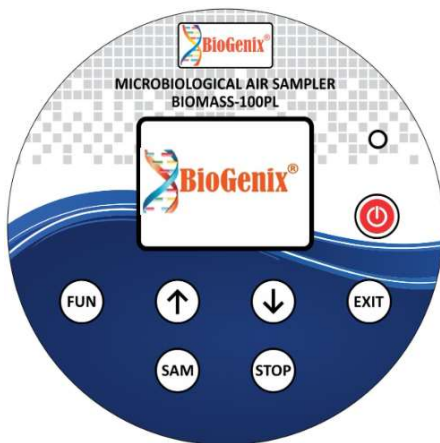
## Description

- Designed for use in hospitals, clean rooms and food and beverage, cosmetics and pharmaceutical production facilities, the 100 PL air sampler meets the latest requirements for devices used for airborne microbial analysis.
- Portable 100 lpm aerosol hygiene monitoring device for airborne microbial, microbiological, bacterial, mold, fungi and virus analysis 100 PL is an air sampling meter used to assess microbiological pollution and monitor hygiene.
- Optional ISO calibration lab certificate as an accessory. The 100 PL air sampler uses the aerosol impaction principle or Andersen collision principle to assess air quality.



- The air taken in at the top of the instrument is pulled through 300 microspores and the resulting laminar air flow is directed onto the surface of an agar Petri dish. When the sampling cycle is complete, the Petri dish is removed and incubated.
- The bacterial and fungal counts can then be assessed in accordance with USP 797 and CAG-009 guidance.
- The collecting head should be sterilized in an autoclave at 121° C for 30 minutes (sterilization with a cloth with 75% alcohol is also possible.)
- The Petri dish should also be sterilized with 75% alcohol.

## Silent Feature



- Features user-friendly navigation, a compact and easily portable design, and a backlit LCD screen
- Accommodates manual adjustment of timed volumes from 10 to 6000 liters
- Assists with hazard analysis and critical control points (HACCP) system implementation
- Aids in compliance with the US Food and Drug Administration's (FDA) Food Safety Modernization Act (FMSA) and with ISO 14698-1
- Runs off a rechargeable battery or AC power
- Supports standard Petri dishes of 90 mm with or without pipe inputs
- The unit comes calibrated by the manufacturer. At the time of purchase, an ISO calibration certificate may be added as option - see accessories for details

## SPECIFICATION

### Technical Specification of MAS -100PL

- Micro pores at collector head 300
- Battery 6400-Ma, rechargeable, up to 15 hours of continuous use at full charge
- Flow rate /capacity Flow Error rate 100 liters per minute (lpm) or 3.53 cubic feet per minute
- $\pm 2.5$  Flow rate at measuring head 0.38 meters per second (m/s)
- Measurement volume 10...6000 liters, manually adjustable
- Dimension of plate 70...90x15 mm/2.76x3.54x0.59 inches
- Dimension 120x300 mm/ 4.72x11.81 inches
- Weight 2.6kg/ 5.73lb

### SCOPE OF DELIVERY:

- MAS-100 PL microbial air sampler
- Perforated lid 300x0.6mm (standard) or 400x0.7mm
- Calibration certificates for air sampler and digital anemometer (issued by own calibration laboratory)
- Communication and charging cable with region-specific adapters
- Aluminum dust cover
- Carrying case
- Allen key for adjusting the plate holder
- USB stick with manuals and certificates



### Support and Services

BioGenix® provides technical support and a comprehensive services offering to help you save your QC resources and facilitate the implementation of your MAS-100PL Microbial air sampler into your daily testing routine. Our highly experienced teams are there to assist you.

## Contact Us

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### BIOGENIX SYSTEMS PRIVATE LIMITED

S-10, Pankaj Central Plaza, Pocket-5, Plot no-5, Sector-12,  
Dwarka, New Delhi-110075, INDIA

Email: [sales@biogenixsystems.com](mailto:sales@biogenixsystems.com) | Phone: +91-11-43738899  
| 9990251155-99 | 9911717057

Website: [www.biogenixsystems.com](http://www.biogenixsystems.com)

[www.biogenixsystems.com](http://www.biogenixsystems.com)  
[info@biogenixsystems.com](mailto:info@biogenixsystems.com)