

MICROBIAL AIR SAMPLER

Microbial safety

at your fingertips



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 - a safe work environment and to meet regulatory requirements such as ISO 14698-1 (Bio-contamination Control).
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 - to provide maximum ease of handling. Employing the renowned High Flow technology,
 - the instrument ensures reliable and reproducible results along with comprehensive validation documentation.

Proven – renowned High Flow technology

- Cleanrooms and isolators in the pharmaceutical, medical and food industries are subjected to thorough microbial air monitoring routines to ensure high product quality, to maintain a safe work environment and to meet regulatory requirements such as ISO 14698-1 (Bio-contamination Control).
- The new High Flow Touch has been designed to meet these requirements and, further more, to provide maximum ease of handling. Employing the renowned RCS® High Flow technology, the instrument ensures reliable and reproducible results along with comprehensive validation documentation.
- New instrument features such as a high-resolution color touchscreen, intuitive software, a new battery concept with advanced control options and a modern, ergonomic design allow for maximum reliability in monitoring ambient air and compressed gas.

BENEFITS OF TECHNOLOGY

- Low impaction speed
- Low turbulence and controlled air stream
- Even distribution of microorganisms
- No local drying of the agar
- High physical and biological collection efficiencies
- Complete system with standardized agar media
- Easy disinfection, autoclave-able sampling head



Easy Operation with touch screen

The High Flow Touch Microbial Air Sampler is equipped with a high-resolution color touch- screen and intuitive software for maximum ease-of-use.

Self-explaining icons quickly guide through the menus.

Flexible

- Portable, battery- driven and light weight
- Horizontal and vertical installation, measure- ment at heights of up to 3 meters
- User-defined sampling options like individual volumes, time delay, interval sampling



New color touchscreen makes operation easy

- Modern design for fast and easy handling
- Commonly used symbols and functions
- Quick change of menus, easy programming

Intuitive user interface for user-friendly navigation

- Key information and setting changes on a single screen
- Standardized settings and flexible sampling options
- Acoustic signaling
- Management of up to ten rotors
- Language options

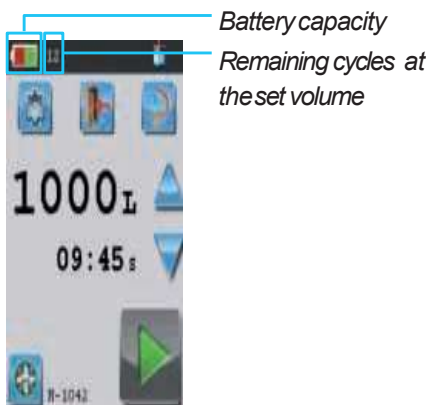
Innovative software solutions easily integrated

- Management Software: Safety, control and flexibility
- Automated calibration with Aneamometer



LED-controlled docking station for easier charging of the integrated battery

Innovative – Battery Concept with movable flexibility



To operate battery-driven instruments reliably easy recharging mechanisms and visual control options are required. The innovative battery concept of the High Flow Microbial Air Sampler combines flexible charging options and reliable battery status reporting.

- ❖ Integrated high capacity, long-life lithium-ion battery
- ❖ Capacity to perform more than 30 x 1000 L measurements with one full charging cycle
- ❖ Continuous capacity measurement of the battery
- ❖ Easy cable-based recharging, or use of an optional docking station with LED control at any time

Robust Instrument– minimal maintenance

The BioGenix High Flow Microbial Air Sampler is a robust instrument that requires minimal service and maintenance.

- Reliable calibration and repair services carried out by Merck and by authorized service partners
- Instrument qualification plans and comprehensive validation documentation support provided upon installation
- Calibration training on how to use the BioGenix® Anemometer and the CalibSo Software conducted by our instrument specialists

Technical Specifications:

Sampling Principle:	Centrifugal Impaction
Operation:	Color touch screen with portable system
Electrical supply:	Rechargeable Battery with Lithium-Ion battery with a recharge power plug.
Air Flow:	100 liter per minute
sample volume:	7 pre set, 3 user defined (1-2000L)
Rotary speed:	8200 RPM
Connection:	Serial RS 232 port, USB connections adapter
Body Material:	Housing: Lexan Polycarbonate and Head: Stainless Steel / Aluminum (Autoclavable)
Validation:	According To ISO 14698 with agar Media
Calibration:	Automated calibration with software and Calibration Reminder
User Defined Setting:	Date/time, language, time delay, interval sampling, QA Management
Dimension:	300 x 130 x 110 (H X W X D)
Weight:	1600 gram

Unique features of agar strips for instruments

- Total count and specialized agar media
- Additionally available: Gamma-irradiated products in double packaging for higher cleanroom classes
- Individually packaged agar strips to ensure sterility
- Rigorous quality control during production, including visual inspection of each agar strip
- Performance, packaging, and storage extensively validated
- Storage at room temperature, ability to resist repeated gassing cycles Incubation and evaluation within re-sealed packaging

Contact Us

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Dealers