



KANOMAX
The Ultimate Measurements

MICROBIAL AIR SAMPLER MODEL 3081

The Kanomax Microbial Air Sampler Model 3081 delivers precise, reliable sampling of microbial contamination using inertial impaction, making it a powerful tool for validation, monitoring, and compliance testing under ISO 14698-1 protocols.

The Kanomax Microbial Air Sampler is engineered to draw air at a stable 100 L/min flow rate with $\pm 2.5\%$ accuracy. Its sampling head (constructed from SUS316 stainless steel) is designed to direct airborne microorganisms onto culture media (Petri dishes or contact plates), enabling accurate growth-based quantification.

Designed for use in cleanrooms, pharmaceutical manufacturing facilities, hospitals, laboratories, and food production environments, the Model 3081 helps organizations maintain strict environmental monitoring programs and verify the effectiveness of contamination control procedures.

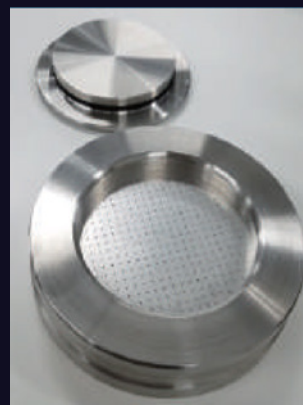
APPLICATIONS

- ❖ **Contamination Control** – Maintain cleanroom integrity in pharmaceutical manufacturing and laboratory environments
- ❖ **Infection Prevention** – Support infection control measures in hospitals and healthcare facilities
- ❖ **Quality Assurance** – Ensure product safety and consistency in food processing plants, cosmetic production lines, and related industries



FEATURES AND BENEFITS

- ❖ **Intuitive Operation** – 4.3-inch full-color touch screen for simple, user-friendly control
- ❖ **Secure Data Management** – Administrative settings safeguard against unauthorized access
- ❖ **Multilingual Support** – Available in English, Chinese, and Japanese
- ❖ **Hygienic Design** – SUS316 stainless steel sampling head minimizes microbial contamination
- ❖ **Flexible Connectivity** – USB and RS-485 communication options for easy data transfer
- ❖ **Remote Access** – Operate conveniently from outside the room using the remote controller
- ❖ **Seamless Reporting** – Optional external printer available for immediate documentation



PRODUCT SPECIFICATIONS

Main Specifications	
Model	3081
Sampling Method	Inertial Impaction Method
Flow Rate	100L/min (Accuracy: $\pm 2.5\%$)
Sampling Volume	20 ~ 6,000L
Sampling Mode	Single mode / Repeat mode (multi-cycle sampling)
Sampling Times	2 ~ 300 times or continuous sampling
Sampling Interval	10sec ~ 1hour (*if repeat sampling mode)
Compatible Culture Dish	Petri dish (outer diameter: 90 ~ 100mm) / Contact plate (outer diameter: 55 ~ 84mm)
Material	Case and sampling head: SUS316 / Front panel and handle: ABS resin
Administrative Settings	Administrator / general user authorization settings, user name, password settings
Operation Function	4.3 inch color touch screen
Display Items	Sampling time, sampling volume
Languages	English, Chinese, Japanese
Printer	External printer
Communication Function	USB, RS-485
Data Storage	Built-in memory (*data storage: Max. 10,000, data format: CSV)
Power	Continuous battery operation time: Max. 7 hours / Required recharging time: 2 ~ 3 hours
Operation Environment	Temperature: 0 ~ 40°C / Humidity: 0 ~ 90% (*No condensation)
Size	136W x 235H x 133D mm
Weight	Approx. 3.0 kg
Warranty	2 years after purchase

*Specifications are subject to change without notice.

KANOMAX USA, INC.
219 US HWY 206
ANDOVER, NJ 07821 USA
TEL: 973-786-6386
FAX: 973-786-7586
E-MAIL: SALES@KANOMAX-USA.COM
URL: WWW.KANOMAX-USA.COM

DISTRIBUTED BY:

