



KANOMAX
The Ultimate Measurements

MICROBIAL AIR SAMPLERS 3080 SERIES

The Kanomax Microbial Air Sampler (3080 / 3081 Series) 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. **With the 3080 model, an internal exhaust filter (ISO Class 3) ensures that sampled air is safely contained, reducing risks of cross-contamination.**



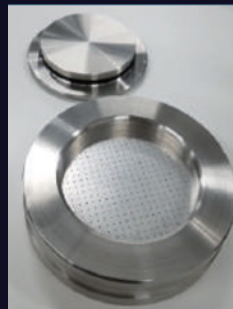
APPLICATIONS

- ❖ **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
- ❖ **Clean Performance** – Built-in exhaust filter (exclusive to Model 3080)
- ❖ **Seamless Reporting** – Optional external printer available for immediate documentation



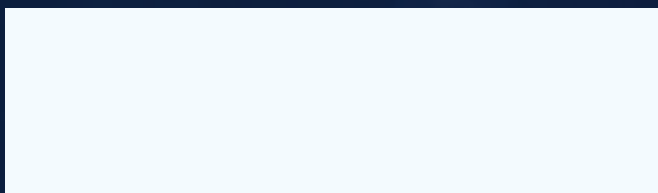
PRODUCT SPECIFICATIONS

Main Specifications		
Model	3080	3081
Sampling Method	Inertial Impaction Method	
Flow Rate	100L/min (Accuracy: $\pm 2.5\%$)	
Exhaust Filter	Yes (*class: ISO3)	No
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. 3.2 kg	Approx. 3.0 kg
Warranty	2 years after purchase	

**Specifications are subject to change without notice.*

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