

ANAEROBIC WORKSTATION



ACCURACY

Micro Pressure Monitoring System

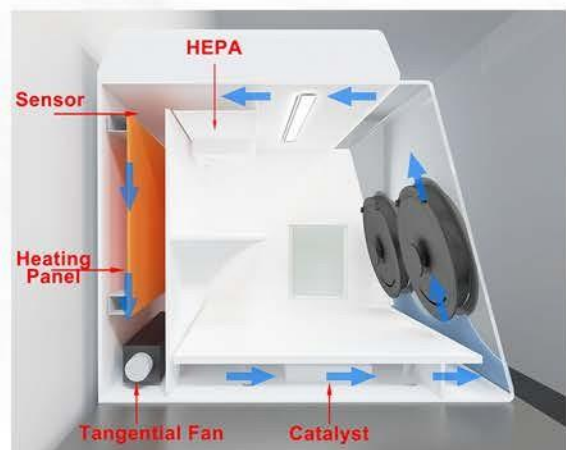
- ☆ Utilizes precise micro pressure detection system with an accuracy of 0.1 KPA
- ☆ Continuously monitors and auto-adjusts the intake system based on pressure
- ☆ Optional real-time O₂ monitoring and data recording

Precise Temp and Humidity Control

- ☆ Temperature Control: 3°C above ambient up to 45°C, in 0.1°C increments (Optional high/low temperature control)
- ☆ Humidity Control: Room humidity to 85%

Advanced Gas Circulation Design

- ☆ Ensures an exceptional level of homogeneity in gas distribution throughout the workstation
- ☆ Consistent airflow contributes to accurate and reliable experimental outcomes



CLEANLINESS

Enhanced Filtration System

- ☆ HEPA 14 filter available for superior particle removal and a pristine environment



Innovative Acrylic Construction

- ☆ Panels molded from a single piece of acrylic to reduce condensation and microbial growth
- ☆ Enhanced acrylic Integrity with Annealing Process for enhanced durability



CONVENIENCE & SAFETY

Seamless Entry System (SES)

- ☆ Efficient vacuum pump grants direct workstation access in 12 seconds
- ☆ Operable with lab gloves, ensuring seamless and convenient handling
- ☆ Glove port caps easily "parked" in special holders, optimizing workspace utilization



Before vacuuming



After vacuuming

- ☆ Option to switch to the Glove Entry System (GES) for faster and cost-effective access



Glove Entry System (GES)

Intuitive and User-Friendly Interface

- ☆ Streamlined screen pages for a simple and effortless user experience
- ☆ Optional real-time O₂ monitoring with alarm for enhanced control



Optional Data Recording

- ☆ Effortlessly record experiment data, including O₂, Humidity, Temperature and Pressure
- ☆ Easily access and monitor data logs, aiding in optimizing experimental parameters

Optional O₂ Sensor Calibration

- ☆ Rapid calibration of the O₂ sensor ensures precise gas concentration detection



Dual Pressure Relief System

- ☆ Equipped with a classic pressure relief valve and a special pressure relief tank for enhanced safety and precise pressure regulation



PRODUCT DIMENSIONS

Model		YY-M		YY-L		YY-XL		YY-XXL		YY-TM		YY-D		YY-XD	
Internal Size	W(mm)	500	98.7L	800	158L	770	220L	770	220L	1120	363L	800	316L	770	440L
	D(mm)	470		470		520		520		590		470		520	
	H(mm)	420		420		550		550		550		420		550	
Interlock Internal Size	W(mm)	190	10L	190	10L	280	28.4L	280	39L	280	28.4L	265	19L	265	27L
	D(mm)	245		245		350		400		350		300		350	
	H(mm)	220		220		290		350		290		240		290	
Capacity (Petri Dishes)	Max	350		600		700		700		900		1200		1400	
	Suggest	308		539		651		651		741		1078		1302	
	Interlock	44		44		99		171		99		80		99	

SPECIFICATIONS

Internal Dimension (W/D/H mm)	770/520/550	External Dimension (W/D/H mm)	1200/800/735
Capacity (petri dishes)	700/651	Interlock Capacity (petri dishes)	99x90mm
Gas Supplies	ANO ₂ /N ₂	Real-Time Pressure Detection	Available
Temp & Humidity Control	Available	Seamless Entry System	Available
Detachable Front Panel	Available	Dual Pressure Relief System	Available
Interlock Quick Purge	Available	Cylinder Low Pressure System	Available
Internal Socket & Light	Available	Palladium Catalyst	Available
12 Months Warranty	Available		

OPTIONS

HEPA Filtration System	YY025	O ₂ Monitoring with Alarm	YY033
< 5ppm Oxygen Option	YY002	Data Logging System	YY034
PPM Level Interlock	YY030	Cable Port	YY009
Additional Socket	YY022	Gas Sample Port	YY024
Vac Line Connection Port	YY008	Sidewall Pipette Holder	YY021
Single Plate Entry System (SPES)	YY006	High Temperature Chamber	GC-HT
Additional Gas Port for Anaerobic Jar	YY028	Warranty Extension	Flexible

OTHER ANAEROBIC WORKSTATIONS



Anaerobic Workstation with a Larger Workspace
YY-TM



Anaerobic Workstation with a Larger Workspace
YY-XD



Integrated Olympus Imaging System
Into Anaerobic Workstation



Custom Large Anaerobic Workstation



Integrate Cell Raman Single Cell Sorter and Colony Picking System Under Anaerobic