

ANAEROBIC CHAMBER



ACCURACY

● O₂ and H₂ Sensing System

- ☆ Real-time O₂ and H₂ monitoring for precise gas regulation
- ☆ Automatic intake adjustment based on O₂ and H₂ levels to sustain optimal anaerobic conditions

● Enhanced Anaerobic Capability

- ☆ Achieve anaerobic conditions in 20 minutes
- ☆ Maintains a stable anaerobic environment consistently
- ☆ Low gas consumption post-anaerobic environment

● Intuitive and User-Friendly Interface

- ☆ Simple and clear interface displays all chamber features on a single page
- ☆ Effortless operation ensures a seamless and user-friendly experience



Unique Gas Circulation Design

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

Customizable Temp Control Options

- ☆ **Optional Temp Control System:** Adjustable from ambient to 45°C with 0.1°C increment
- ☆ **Optional Temperature Incubator:** Provides enhanced temperature stability and accommodates up to 66 Petri dishes for precise incubation

CONVENIENCE

Direct Entry System (DES)

- ☆ Soft and skin-friendly gloves ensure quick and easy entry to the chamber
- ☆ Provide complete isolation between the chamber and the external environment, ensuring stability within the chamber
- ☆ Detachable gloves facilitate effortless cleaning and replacement, ensuring optimal hygiene and functionality



Efficient Data Recording

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

Quick O₂ Sensor Calibration

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

A screenshot of a digital interface titled 'GAS SENSOR CALIBRATION'. The interface has a light blue background. On the left, there are four rows of settings: 'O2 Cur:' with a value of '0' and a '%' symbol; 'O2 Set:' with a value of '0.0' and a '%' symbol; 'Up Limit:' with a value of '20.9' and a '%' symbol; and 'Down Limit:' with a value of '0.0' and a '%' symbol. On the right, there is a numeric keypad with buttons for digits 0-9, a decimal point, and an 'ENTER' button. Above the keypad, there is a red 'X' icon and the text '0.1% - 20.9%'. At the bottom left, there is a link that says 'How To Calibrate O2 Sensor'. At the bottom right, there are two buttons: 'Start' and 'Back'. In the top right corner, there is a timestamp '2023-06-10 15:35:50'.

Advanced User Protection

- ☆ Integrated hydrogen sensor for proactive gas leak detection and immediate response
- ☆ Ensures an optimal and safe experimental environment

Optional CO₂ Control

- ☆ Integrated CO₂ sensor ensures precise monitoring and control
- ☆ CO₂ Control Range: 0.1% to 20.0%, in 0.1% increments

PRODUCT DIMENSIONS - Custom Always Available!

Model		YR-L		YR-LZ		YR-TM		YR-TMZ	
Internal Size	W(mm)	650	273L	650	273L	950	399L	950	399L
	D(mm)	700		700		700			
	H(mm)	600		600		600			
Interlock Internal Size	W(mm)	200	12.7L	265	27L	200	12.7L	265	27L
	D(mm)	260		350		260		350	
	H(mm)	245		290		245		290	
Capacity (Petri Dishes)	Max	950		950		1450		1450	
	Suggest	850		850		1300		1300	
	Interlock	44		66		44		66	

Model		YR-Q		YR-QZ		YR-D		YR-TMD	
Internal Size	W(mm)	1250	525L	1250	525L	650	546L	950	798L
	D(mm)	700		700		700			
	H(mm)	600		600		600			
Interlock Internal Size	W(mm)	265	27L	280	39L	265	27L	265	27L
	D(mm)	350		400		350		350	
	H(mm)	290		350		290		290	
Capacity (Petri Dishes)	Max	1950		1950		1900		2900	
	Suggest	1800		1800		1700		2600	
	Interlock	44		171		66		66	

SPECIFICATIONS

Internal Dimension (W/D/H mm)	650/700/600	Internal Capacity	273L
Capacity (petri dishes)	950/850	Interlock Capacity (petri dishes)	44x90mm
Gas Supplies	ANO ₂ /N ₂	Real-Time O ₂ & H ₂ Detection	Available
Sensor Calibration	Available	Direct Entry System (DES)	Available
Interlock Purge	Available	Data Logging System	Available
Palladium Catalyst	Available	12 Months Warranty	Available

OPTIONS

Temperature Control System	YRCT	HEPA Filtration System	YR002
Temperature Control Incubator	YR001	CO ₂ Manual Control with Alarm	YR004
Replaceable sleeves	YR003	Humidity Control	YR012
Cooling System	YR017	Cable Port	YR005
Internal Sockets	YR011	Gas Sample Port	YR007
Additional Gas Port for Anaerobic Jar	YR016	Vac Line Connection Port	YR006
Desulfurization Catalyst Box	YR014	PPM Level Interlock	YR013
< 5ppm Oxygen Option	YR009	Extra Portable O ₂ Meter	YR008
PPM O ₂ Meter	YR010	Built in PPM O ₂ Sensor	YR015
Warranty Extension	Flexible		

OTHER ANAEROBIC WORKSTATIONS



Anaerobic Glove Box with Larger Workspace



Anaerobic Glove Box with Dual Workspace