

HYPOXIA GLOVE BOX



ACCURACY

Precise Gas Control

- ☆ O₂ Control: 0.1% - 25.0%, in 0.1% increments (Optional high-oxygen control: 0.5% - 60%)
- ☆ CO₂ Control: 0.1% - 20.0%, in 0.1% increments
- ☆ Wider gas control range available

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

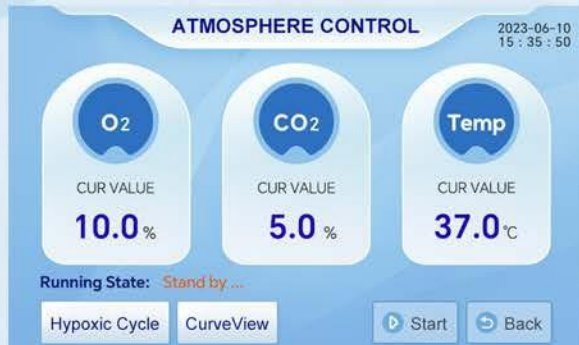
- ☆ Ensures an exceptional level of homogeneity in gas distribution throughout the chamber
- ☆ Consistent gasflow contributes to accurate and reliable experimental outcomes



CONVENIENCE

Intuitive and User-Friendly Interface

- ☆ Streamlined screen pages for a simple and effortless user experience



Quick Gas Sensor Calibration

- ☆ Rapid calibration of the O₂ and CO₂ sensor ensures precise gas concentration detection



Direct Entry System (DES)

- ☆ Soft and skin-friendly sleeves ensure instant entry to the chamber without the need for purging
- ☆ Designed to allow direct operation using standard laboratory gloves for utmost convenience

Optional Seamless Entry System (SES)

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



Optional Programmable Hypoxic Cycle

- ☆ Automated adjustments of O₂ and CO₂ concentrations for efficient sample stimulation
- ☆ Capability to expand gas circulation to 10 stages for more comprehensive research



Streamlined Data Recording

- ☆ Effortlessly record experiment data, including O₂, CO₂, Humidity, Temperature, and Pressure
- ☆ Easily access and monitor data logs, aiding in optimizing experimental parameters



Interlock Purge System

- ☆ Interlock can be quickly purged by simply pressing the yellow button

Optional Anaerobic System

CONVENIENCE

Versatile Oxygen Supply Options

- ☆ Choose between the built-in air pump or a compressed air cylinder model for flexible oxygen supply solutions
- ☆ Built-in air pump for efficient and reliable oxygen delivery, eliminating the need for an external compressed air cylinder

PRODUCT DIMENSIONS

Model		DY-E		DY-LE		DY-XLE		DY-TME	
Internal Size	W(mm)	510	70L	800	158L	770	220L	1120	363L
	D(mm)	400		470		520		590	
	H(mm)	340		420		550		550	
Interlock Internal Size	W(mm)	155	10L	155	10L	155	10L	155	10L
	D(mm)	265		265		265		265	
	H(mm)	245		245		245		245	
External Size	W(mm)	750		1160		1120		1460	
	D(mm)	600		700		700		700	
	H(mm)	430		600		770		770	

SPECIFICATIONS

Internal Dimension (W/D/H mm)	770/520/550	External Dimension (W/D/H mm)	1120/700/770
Capacity (petri dishes)	700/651	Interlock Capacity (petri dishes)	33x90mm
Gas Supplies	N ₂ /CO ₂ /Air or N ₂ /CO ₂	Real-Time Gas Control	Available
Quick Sensor Calibration	Available	Temp & Humidity Control	Available
Direct Entry System (DES)	Available	Quick Interlock Purge	Available
Detachable Side Panel	Available	Data Logging System	Available
Real-Time Data Graphing	Available	Three-Tiered User Password	Available
12 Months Warranty	Available		

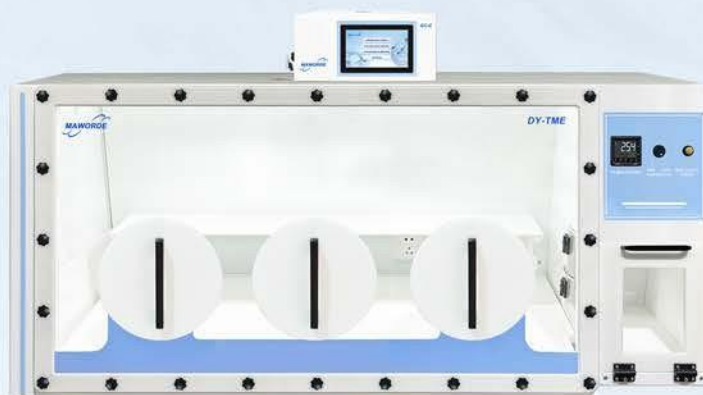
OPTIONS

Programmable Hypoxic Cycle	DY016	Detachable Front Panel	DY005
Portable O ₂ Meter with Sensor	DY019	Cable Port	DY009
Internal Light	DY012	HEPA Filtration System	DY007
Cylinder Low Pressure Alarm	DY010	Internal Socket	DY013
Vac Line Connection Port	DY008	Add Additional Socket	DY020
High Oxygen Control	DY003	Seamless Entry System (SES)	DY011
Gas Sample Port	DY018	Single Plate Entry System (SPES)	DY006
Micro-Pressure Chamber	DY015	Sidewall Pipette Holder	DY017
Anaerobic System	DY002	High Temperature Chamber	GC-HT
Warranty Extension	Flexible		

CUSTOMISED PRODUCTS



Hypoxic Glove Box with a smaller Workspace



Hypoxic Glove Box with a Larger Workspace



CellD

1505 Avenue de l'Aspre
30 150 Roquemaure
France

www.celld.com

commercial@celld.com

+33 4 66 84 84 60