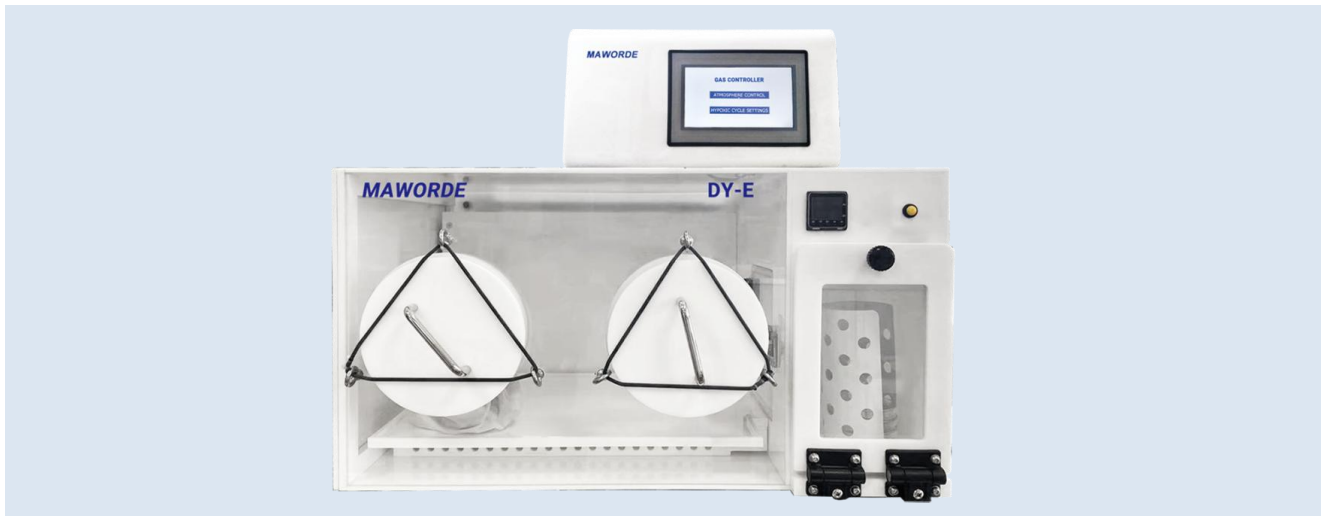


# HYPOXIA GLOVE BOX



## Operation System

- **Accurate Gas Control System**

Highly accurate sensors with control system to monitor and control the internal gas environment. The oxygen sensor can be calibrated to ensure an accurate reading of the O<sub>2</sub> concentration inside the chamber in real time.

- **Convenient Easy-access Operation System**

The sleeves are made of a soft, skin-friendly material and can access the glove box easily and quickly without purge

- **Unique Interlock**

Separate from the right side of the glove box, the transfer samples are nitrogen purged to facilitate the transfer of items into the glove box without affecting the internal gas environment.

- **Professional Airway Design**

The dual design of the glove box's internal air ducts and the professional laminar flow fan at the bottom of the lower partition ensure uniform gas circulation.

## Specification

- **O<sub>2</sub> control range:**

0.1% - 23.0%, in increments of 0.1%

- **CO<sub>2</sub> control range:**

0.03% - 20.0%, in increments of 0.1%

- **Temperature range:**

5°C above ambient up to 45°C , in 0.1°C increments

## Standard System

- Easy-access Operation System
- USB Data Logging System
- Sensor Calibration
- Internal Socket
- Activated Carbon Filtration System
- Temperature Control

## Optional System

- Four-stage Hypoxia Cycle
- Cylinder Low Pressure Alarm
- Foot Pedal Interlock Purge
- Internal Light
- Vacuum Suction Pipe
- Direct-access Operation System
- Single Plate Entry System
- High Oxygen Mode
- Anaerobic Mode
- Cable Gland

## Application Field

- **Oncology research:**  
Liver cancer, lung cancer, colon cancer, breast cancer, cervical cancer, prostate cancer, pancreatic cancer, myeloma
- **Stem Cells:**  
Muscle Stem Cells, Human Induced Multifunctional Stem Cells, Mesenchymal Stem Cells, Embryonic Stem Cells, Umbilical Cord Blood Stem Cells
- **Neurological diseases:**  
Alzheimer's disease, Parkinson's, epilepsy
- **Cardiomyocytes:**  
Myocarditis, hypertensive heart disease, pulmonary heart disease
- **Metabolic disorders:** Diabetes, obesity, uremia

Model		DY-E	DY-LE	DY-XLE	DY-TME
<b>Internal size</b>	Height (mm)	341	420	550	550
	Width(mm)	532	800	760	1100
	Depth(mm)	408	460	570	570
<b>Interlock size</b>	Height (mm)	255	255	255	255
	Width(mm)	250	250	250	250
	Depth(mm)	173	173	173	173