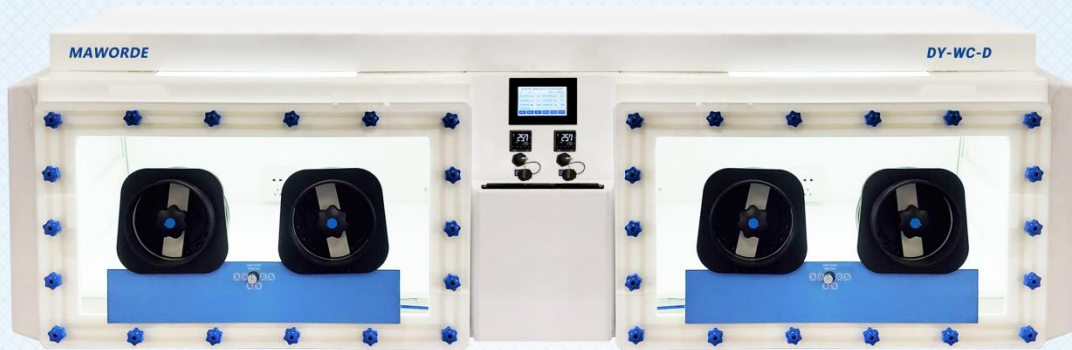


ANIMAL & CELL HYPOXIC WORKSTATION

This unique workstation can be used for hypoxia cells and animal research. Two workstations are flexible and divided, and each workstation is controlled independently.



Double workstation: the left workstation is used for the hypoxia study of animals, and the right workstation is used for the hypoxia study of cells.

Operation System

- **Cultivation, operation and observation in one place**
Provides stable temperature, humidity, and gas control within the workstation
- **Easy to operate**
Direct access to the workstation in only 8-10 seconds via vacuum
Avoid cross-contamination and skin allergies caused by traditional rubber gloves
- **Accurate gas control**
Real-time monitoring and control the O₂, CO₂ concentration, temperature and humidity
- **Efficiency & Reliability**
The standard built-in interlock allows easy transfer of animals or supplies into the workstation
- **Large Operating Space**
The DY-WC-D workstation has two spacious areas that allow a variety of monitoring or imaging systems to be integrated inside the workstation, as well as a large number of samples

Specifications (Left)

- **O₂ control range:**
0.5% - 20.9%, in increments of 0.1%
- **CO₂ alarm system:**
Avoid high-concentration carbon dioxide that affects the experiment
- **Programmable four-stage hypoxia cycle:**
Allows a user-defined timed sequence of up to 4 different O₂ concentrations
- **Temperature range:**
5°C above ambient up to 45°C, in 0.1°C increments
- **Data recording:**
USB data logging system with continuous data storage
- **12 levels of adjustable light intensity to simulate normal sunlight exposure**

Specifications (Right)

- **O₂ control range:** 0.1% - 23.0%, in increments of 0.1%
- **CO₂ control range:** 0.03% - 20.0%, in increments of 0.1%
- **Programmable four-stage hypoxia cycle:**
Allows a user-defined timed sequence of up to 4 different O₂ and CO₂ concentrations
- **Temperature range:** 5°C above ambient up to 45°C , in 0.1°C increments
- **Humidity range:** Room humidity to 75%, in 0.1% increments
- **One-touch calibration for O₂ and CO₂ sensor**
- **Data recording:**
USB data logging system with 3 months of continuous data storage

Standard System

- Direct-access operation system
- Cylinder low pressure alarm
- USB data logging system
- Internal socket
- Sensor calibration
- Interlock purge at different O₂ Levels
- Internal light
- Activated carbon filtration system
- Humidity control (R)
- Temperature control (R)
- Desiccants (L)

Optional System

- Foot Pedal Interlock Purge
- Four-stage hypoxia cycle
- HEPA system
- Removable front panel
- Cable gland
- Vacuum Suction Pipe
- Single plate entry system (R)
- Anaerobic Mode (R)
- Temperature control (L)
- CO₂ Adsorbent (L)
- CO₂ alarm system (L)
- 12 levels internal light (L)

Application Field

- **Respiratory related:**
sleep apnoea syndrome, hyperoxia hypoxia, pulmonary hypertension
- **Neurological disorders:** cerebral ischaemic injury, neurobiology
- **Cardiovascular:** myocardial ischaemia and hypoxia
- **Oncology:** tumour biology

Model		L	R
Internal size	Height (mm)	420	550
	Width(mm)	800	760
	Depth(mm)	460	570
Interlock size	Height (mm)	245	290
	Width(mm)	288	270
	Depth(mm)	257	345

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