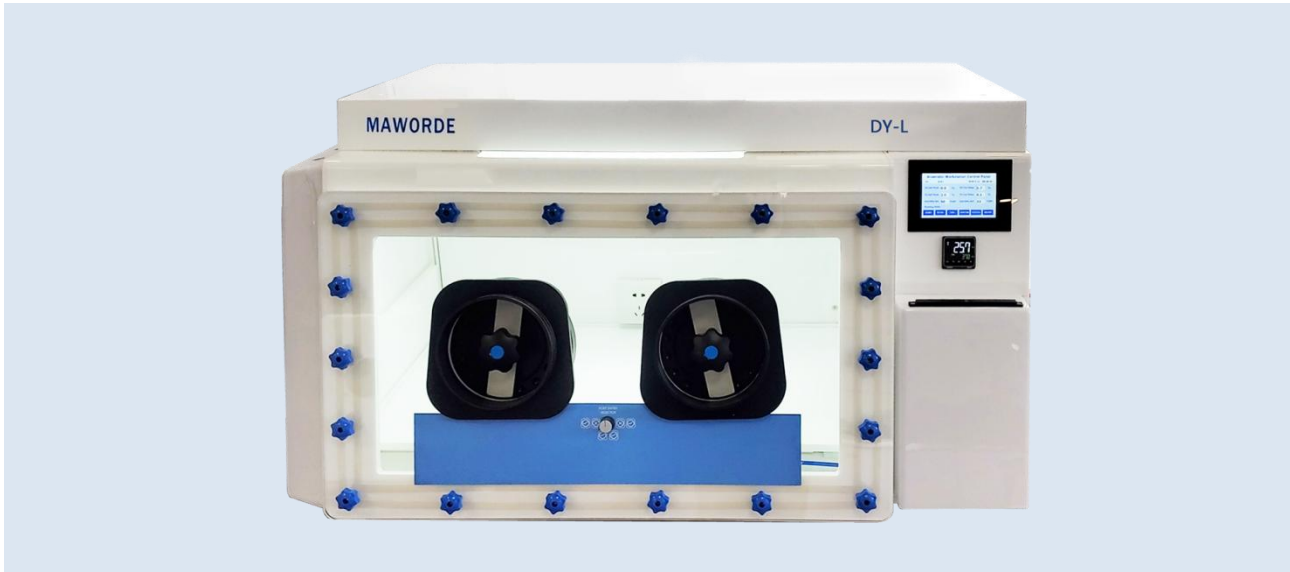


HYPOXIA WORKSTATION



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
Avoid cross-contamination and bulky operations caused by traditional rubber gloves
- **Accurate gas concentration control**
Real-time monitoring and control the O₂, CO₂ concentration, temperature and humidity
- **Efficiency & Reliability**
The standard built-in interlock allows easy transfer of samples to the workstation
- **Large Operating Space**
The dual workstation (DY-D) 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

Application Field

- Cancer research (HIF)
- Stem cell research
- Nerve cells research
- Cardiomyocyte research
- Respiratory Disease
- Sleep Disorders
- Altitude Sickness

Customised Cases



Specifications

- **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: time, date, O₂ (set/actual), CO₂ (set/actual) and humidity (set/actual)

Standard System

- Direct-access operation system
- Cylinder low pressure alarm
- USB data logging system
- Activated carbon filtration system
- Internal light
- Sensor calibration
- Unique interlock purge system
- Internal socket

Optional System

- Four-stage Hypoxia Cycle
- Foot Pedal Interlock Purge
- HEPA System
- Single Plate Entry System
- Vacuum Suction Pipe
- High Oxygen Mode
- Cable Gland
- Anaerobic Mode
- Removable Front Panel

		DY-M	DY-L	DY-XL	DY-D (Dual)	DY-XD (Dual)	DY-TM	DY-TMD
External Dimension	Height (mm)	600	600	770	600	770	770	770
	Width (mm)	860	1160	1120	2000	2020	1460	2700
	Depth (mm)	660	660	660	660	780	660	780
Internal Dimension	Height (mm)	420	420	550	420	550	550	550
	Width (mm)	500	800	760	800	760	1100	1100
	Depth (mm)	460	460	570	460	570	570	570
Interlock Dimension	Height (mm)	245	245	245	245	290	245	290
	Width (mm)	220	220	220	288	270	220	270
	Depth (mm)	257	257	257	257	345	257	345

Tel: 8610-88693537

Email: sales@maworde.com

www.maworde-biotech.com

