

ANIMAL HYPOXIC WORKSTATION



ACCURACY

Precise O₂ Control & Optional CO₂ Monitor

- ☆ O₂ Control: 0.5% - 23.0%, in 0.1% increments (Optional high control mode: 0.5% - 60%)
- ☆ CO₂ Monitor: 0.1% - 20.0%, with 0.1% accuracy

Optional Temperature Control

- ☆ Temperature Control: 3°C above ambient up to 45°C, in 0.1°C increments

Intuitive and User-Friendly Interface

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



CLEANLINESS

Innovative Acrylic Construction

- ☆ Panels molded from a single piece of acrylic to reduce condensation and microbial growth
- ☆ Enhanced acrylic Integrity with Annealing Process for enhanced durability
- ☆ Clear acrylic front panel ensures unobstructed visibility, eliminating vapor-induced blur



Optional HEPA Filtration System



CONVENIENCE

Direct Entry System (DES)

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



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



Quick O₂ Sensor Calibration

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



Optional Seamless Entry System (SES)

- ☆ Efficient vacuum system removes sleeve air completely, ensuring a controlled atmosphere within the workstation and allowing direct access in 12 seconds
- ☆ Operable with lab gloves, ensuring seamless and convenient handling
- ☆ Glove port caps easily "parked" in special holders, optimizing workspace utilization

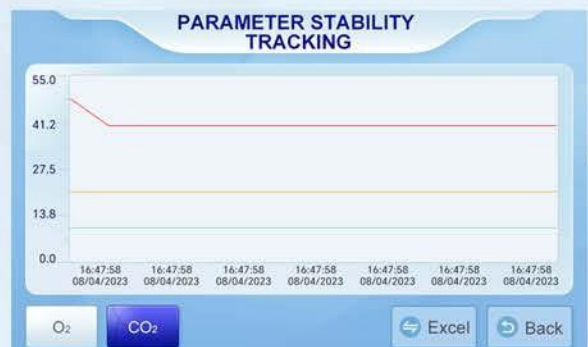
Interlock Purge System

- ☆ Tailored to Preset Concentrations: Adjust purging to match the workstation's preset concentration
- ☆ Custom Purging Concentrations: Tailor the purging process to meet specific custom concentration requirements



Parameter Curve Generation

- ☆ Parameters can be automatically plotted on charts, simplifying data analysis and interpretation



Streamlined Data Recording

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

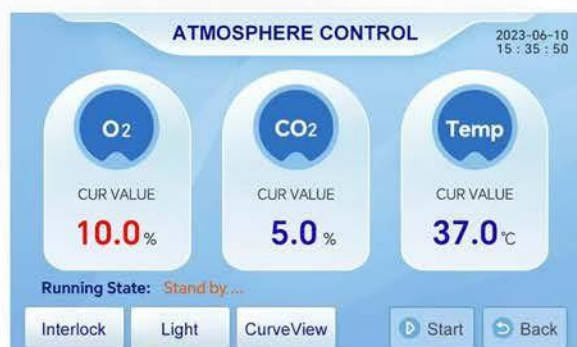
Optional Programmable Adjustable Light

- ☆ Choose from 12 levels of programmable light intensity, allowing you to simulate and replicate natural sunlight exposure effectively

SAFETY

Integrated Alarm System

- ☆ Standard voice alarms for O₂, temp, humidity, cylinder low pressure, and gas leak
- ☆ Real-time monitoring with on-screen alarm display



Enhanced User Security

- ☆ Three-tiered user password protection for controlled access and robust data security
- ☆ User-defined User name & Password



PRODUCT DIMENSIONS

Model		DW-M		DW-L		DW-XL		DW-XXL		DW-TM		DW-D		DW-XD	
Internal Size	W(mm)	500	98.7L	800	158L	770	220L	770	220L	1120	363L	800	316L	770	440L
	D(mm)	470		470		520		520		590		470		520	
	H(mm)	420		420		550		550		550		420		550	
Interlock Internal Size	W(mm)	190	10L	190	10L	280	28.4L	280	39L	280	28.4L	265	19L	265	27L
	D(mm)	245		245		350		400		350		300		350	
	H(mm)	220		220		290		350		290		240		290	

SPECIFICATIONS

Internal Dimension (W/D/H mm)	1120/590/550	External Dimension (W/D/H mm)	1570/800/735
Gas Supplies	N ₂ /Air	Real-Time O ₂ Control	Available
O ₂ Sensor Calibration	Available	Direct Entry System	Available
Interlock Purge	Available	Internal Socket & Light	Available
Real-time Data Graphing	Available	USB Data Logging System	Available
Three-Tiered User Password	Available	Cylinder Low Pressure Alarm	Available
12 Months Warranty	Available		

OPTIONS

Temperature Control	DW001	CO ₂ Monitor with Alarm	DW002
Extra Portable O ₂ Meter	DW005	Cable Port	DW007
Seamless Entry System (SES)	DW010	Programmable Hypoxic Cycle System	DW003
HEPA Filtration System	DW006	Detachable Front Panel	DW016
Additional Socket	DW018	12 Adjustable Light Levels	DW008
Vac Line Connection Port	DW012	Cooling System with Dehumidification	DW015
Sidewall Pipette Holder	DW017	High Oxygen System	DW013
Warranty Extension	Flexible		



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