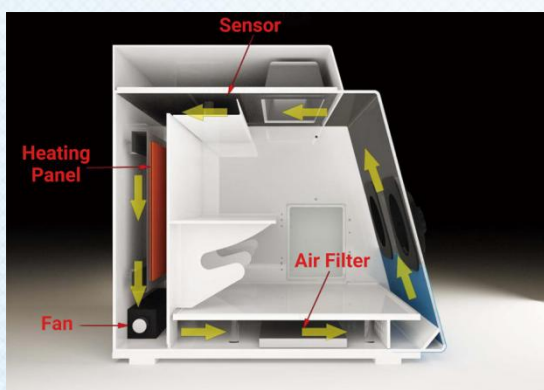


01 ACCURACY

- Precise Control of O₂ and CO₂
 - ✓ Range of O₂ Control: 0.0% - 20.9%, in 0.1% increments
 - ✓ Range of CO₂ Control: 0.03% - 20.0%, in 0.1% increments
- Precise Temperature Control
 - ✓ Range of Temperature Control: 5°C above ambient up to 45°C, in 0.1°C increments
(Optional high/low temperature control chamber)
- Advanced Airway Design
 - ✓ Ensures a high level of homogeneity in the workstation's gas distribution



- Accurate Gas Control System
 - ✓ High precision O₂ and CO₂ sensor
 - ✓ Precise mixing and control of the internal atmosphere

02 CLEANLINESS

- The clear acrylic front panel of the workstation effectively avoids front panel blur caused by vapour condensation.

03 CONVENIENCE

- Easy-access Operation System
 - ✓ The sleeves are made of a soft, skin-friendly material and can access the workstation easily and quickly without purge
- Interlock can be quickly purged by simply pressing the yellow button



Easy-access Operation System

- Optional Direct-access operation system
 - ✓ The sleeves are made of a soft, skin-friendly material and an efficient vacuum pump direct access to the workstation only 8-12 seconds.
 - ✓ Can be operated directly with lab gloves.
 - ✓ Glove port caps can be “parked” in special holders and do not take up valuable working space.



Direct-access Operation System

- One-touch calibration for O₂ and CO₂ sensor
 - ✓ The O₂ and CO₂ sensors can be automatically calibrated to guarantee the accuracy of gas concentration detection.

Hypoxic Workstation Control Panel					
O ₂ CAL		CO ₂		2022.6.15 11:02:34	
***	X	0.0	%	O ₂ Cur Value	20.7 %
20.9	Up limit	0.0	%	CO ₂ Cur Value	0.0 %
0.0	Down limit	5	%	Humidity Cur	27 %
Waiting					
Start		O ₂ Cal		CO ₂ Cal	
		Interlock		Light-Off	

- Programmable four-stage hypoxic cycle (Optional)
 - ✓ Can stimulate the sample by change of O₂ and CO₂ concentration automatically.

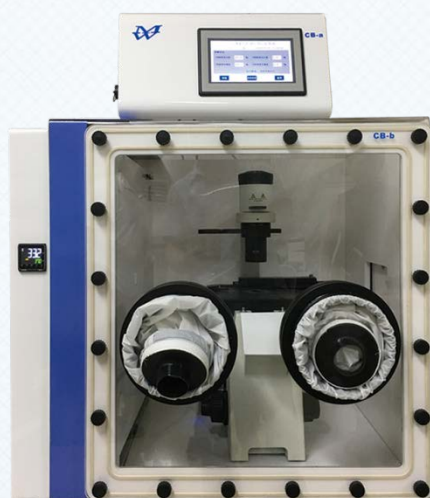
Hypoxic Cycle Settings					
O ₂		CO ₂		N ₂	
2020.6.22		20:20:24			
PARAMETER SETTING:			STATE: WAITING		
O ₂ (%)	CO ₂ (%)	TIME(MIN)	O ₂ VALUE	ACT1	MINS
STEP1 10.0	5.0	2	11.0 %	0	
STEP2 8.0	5.0	2	CO ₂ VALUE	ACT2	0
STEP3 5.0	5.0	2	4.9 %	ACT3	0
STEP4 2.0	5.0	2		ACT4	0
CYCLES 3			CYCLES	0	
START			BACK		

- An optional built-in air pump and filter are used to provide the oxygen supply, avoiding the need for a compressed air cylinder
- USB data logging system holds 3 months of continuous data storage
- Optional anaerobic system: hypoxia and anaerobic system in one workstation: a very low O₂ level of <5 PPM O₂ can be achieved

04 CUSTOMISED PRODUCTS



Hypoxic Glove Box with a Larger Workspace DY-TME



Integration of Microscopes into a Hypoxia Glove Box



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