

The only atmospheric chamber purpose built for cell culture research.

HYPO₂**XY**station



www.HypOxygen.us 877-HypOxygen (497-6994)

Better research. Better results. Better answers.

HypOxystation™ is the only atmospheric chamber purpose built for physiological cell culture research. Specifically designed to create normoxic, hypoxic and anoxic conditions within a controlled and sustained workstation environment, this chamber is ideal for research requiring the ability to accurately control oxygen, carbon dioxide, temperature and humidity. With such accurate control and the ability to manipulate cells in situ without altering the incubation environment, research into cell biology can be performed over a comprehensive range of oxygen tensions with precision.

Every aspect of system functionality has been considered - environmental control systems, touch screen layout, workspace visibility, design dimensions, fabrication quality and our unique port system.

The touchscreen interface allows you to monitor all settings and eliminates the need for other dials, switches and gauges. The transfer airlock provides effective cell ware transfer to and from the workstation. An optional removable front design allows set up of larger equipment needed inside the chamber. The ergonomic gloveports for gloved or bare hand working make HypOxystation™ comfortable for in situ manipulations.

This workstation has been designed in conjunction with cell biology researchers to ensure ultimate performance combined with user comfort, convenience and reliability.

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Features include:

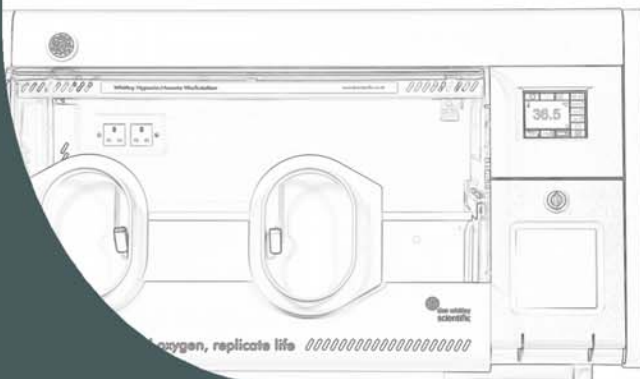
- Control O₂ in 0.1% increments from 0.1% - 20%
- Control CO₂ in 0.1% increments from 0.1% - 15%
- Straightforward calibration of gas sensors
- Control temperature easily and precisely
- Control relative humidity up to 90%
- Touch screen interface to monitor all parameters simultaneously
- Real time feedback system monitors and adjusts O₂ levels to insure accuracy. CO₂ monitoring is also available
- Integrated gas control minimizes bench space requirements - no bulky external gas mixing system
- Data logging of all parameters
- USB port for data transfer
- O₂ profiling

Specifications:

- External dimensions (L x H x D): 1233 x 710 x 722 mm
- Internal dimensions (L x H x D): 865 x 430 x 400 mm
- Power supply: 115V; 20 Amp
- 12L transfer airlock
- Double internal power socket (1 Amp max)

Options/Accessories:

- CO₂ monitoring/control
- Vacuum take-off port
- Automatic sleeve gassing system
- Removable front panel
- Humidification system
- Customizable shelving
- Spare cable gland
- Gas sample port



Exclusively at:

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