

FACT SHEET

WHITLEY H35 HEPA HYPOXYSTATION

The H35 HEPA Hypoxystation is a cell culture workstation ideal for those requiring HEPA filtration, as well as being able to accurately control oxygen, carbon dioxide, temperature and humidity.



Features and Benefits

- Control O₂ in 0.1% increments up to 20%; CO₂ in 0.1% increments up to 15%; and relative humidity up to 80% - provides flexibility in your research and confidence in your results.
- Fitted with the unique Whitley Internal HEPA Filtration System. All the atmosphere passes through the filter every four seconds, which ensures the chamber environment is cleaned quickly. Placing the filters inside the workstation prevents the filter becoming saturated.
- Rather than use off-the-shelf filters, DWS has worked with one of the world's leading filter manufacturers to develop a filter specifically tailored to suit this Hypoxystation.
- Levels of atmospheric cleanliness inside the workstation exceeds the requirements of ISO 14644-1 Class 3. We can provide proof of atmospheric cleanliness.
- Fitted with a fan that circulates the internal atmosphere continuously - contributing to even temperature distribution and ensuring any internal particulate will be in motion.
- Has a removable front as standard to facilitate thorough cleaning and the transfer of bulk samples or larger pieces of equipment for use in the workstation.
- Built-in rapid airlock to ensure samples can be transferred into the workstation atmosphere as soon as possible (only takes 60 seconds).
- Colour, touch-screen control panel for ease of use and for visual display of parameters such as O₂ level, CO₂ level, temperature, humidity, and airlock cycle status.
- Fully integrated gas control avoids bulky add-on systems and reduces the need for additional bench space.
- CO₂ Monitoring device fitted as standard to enable you to experiment using different concentrations of CO₂.
- Optional fully comprehensive maintenance and breakdown contracts are available to prolong the life of your investment. (Note: different arrangements apply in different countries).

Facts and Figures

Weight: 120kg

Dimensions: 810 x 1255 x 710 mm (D x L x H)

Gas Requirements: CO₂, Air and Nitrogen

Electricity Requirements: 230 ± 10% V AC or 115 ± 10% V AC – single phase