

Personnel Decontamination for Life Sciences

Supporting drug discovery



Investing in people and facilities

A prominent destination for science and innovation, with a focus on the biopharmaceutical industry.

PBSC, in partnership with **The Mac Group**, has contributed with an effective and safe solution for personnel decontamination. The Mac Group, founded in 2002, has been dedicated to the construction, restoration, and repurposing of buildings. This collaboration has helped advance healthcare and improve the safety of personnel involved in healthcare.

The search for innovative designs, attention to detail, and advanced manufacturing techniques has earned PBSC a well-deserved reputation as the premier supplier for cleanroom and high containment environments.

End User

Pharmaron is a leading R&D service provider for the life sciences industry with facilities worldwide. The company was founded in 2004 and has continuously invested in its people and facilities. It has established a wide range of capabilities in research, development, and manufacturing services for different therapeutic modalities, including small molecules, biologics, and CGT products. The company's expertise spans the entire drug discovery, preclinical, and clinical development process.

Pharmaron, with over 19,000 employees and operations in China, the U.S. and the U.K. has a proven track record of delivering R&D solutions to partners in North America, Europe, Japan, and China.

Location

Charnwood Research and Development Centre:

Formerly AstraZeneca, is now a science and innovation campus, ideally located on the outskirts of Loughborough, in the heart of the UK, and focuses on the biopharmaceutical industry. It is the first life sciences opportunity zone and successful enterprise zone in the UK.

With a vision to become a leading next-generation life sciences cluster in the UK, providing world-class flexible laboratories and specialist manufacturing facilities.

Charnwood campus has attracted over 800 science jobs in the region, with many blue-chip companies relocating or expanding to the laboratory and office spaces provided.

Solutions/Results

Products supplied to Pharmaron:

- 1 x Air Shower 2800mm (H) x 1400mm (W) x 1220mm (D)

PBSC provided an air shower to reduce the amount of particles from the operator upon entry and/or exit from areas to reduce the risk of contamination.

The shower uses high-velocity jets of air to remove any possible contamination on the operator.

PBSC's air shower for this project, features a powder-coated steel construction, interlocked float, and toughened glass personnel doors.

The shower's final assembly required no on-site cranes or special access.

Each side wall features 9 adjustable stainless-steel nozzles, making a total of 18 nozzles within the shower.

As the worker steps into the shower, the PLC automatically activates the high-performance LED light, providing excellent visibility for the operative to initiate the shower cycle. The shower controls provide an automated cycle, during which it locks the doors during the air shower cycle.



**“ Amanda Tebble -
Architectural Sales
for PBSC.**

**The team at PBSC
were pleased to be
part of this unique
project and wish
Pharmaron every
success with their
future research
projects.”**