

GUARDWARE LAB FIT-OUT



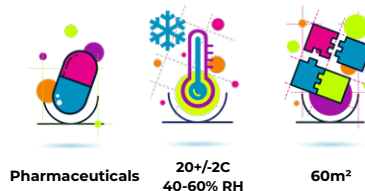
Grade C&D



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THE CLIENT

Hammersmith Medicines Research (HMR) – one of Europe's leading early-phase clinical research organisations, specialising in Phase I and early Phase II clinical trials. Founded in 1993, HMR provides end-to-end clinical research services from its purpose-built London facility, supporting Pharmaceutical and Biotechnology companies with safe, high-quality and innovative medicine development.



The Cleancube Maxi 2 offers 60sqm of internal footprint.

THE BRIEF

To support the expansion of its aseptic manufacturing capabilities, HMR commissioned Guardtech to deliver a Cleancube Maxi 2 GMP Grade C aseptic manufacturing suite at its Park Royal facility in London. The 60m² facility was designed to accommodate a two-glove isolator alongside controlled gowning, material transfer and aseptic manufacturing areas. As part of the project, Guardware was tasked with providing a dedicated cleanroom furniture and equipment package, delivering practical, cleanable and robust solutions suited to HMR's GMP manufacturing environment.

"The whole team went the extra mile..."

Guardtech Project Manager Arran Williams said: "This was a fantastic project for everyone involved. Delivering a GMP manufacturing facility in central London always brings logistical challenges, but thanks to the meticulous planning and commitment of our project, manufacturing and installation teams, everything came together incredibly smoothly.

"Everyone pulled together and went the extra mile to accelerate the programme wherever possible, helping HMR bring this important facility online as quickly as possible."

Arran Williams
Guardtech Project Manager



Guardware
cleanroom hardware



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Cleancube
mobile cleanrooms

GT Shell official panel
system partner:

Kingspan

Partner

THE FURNITURE

A Cleancube container controlled environment facility designed, installed, cleaned and commissioned by Guardtech, featuring a dedicated Guardware furniture & equipment fit-out that included the following items:

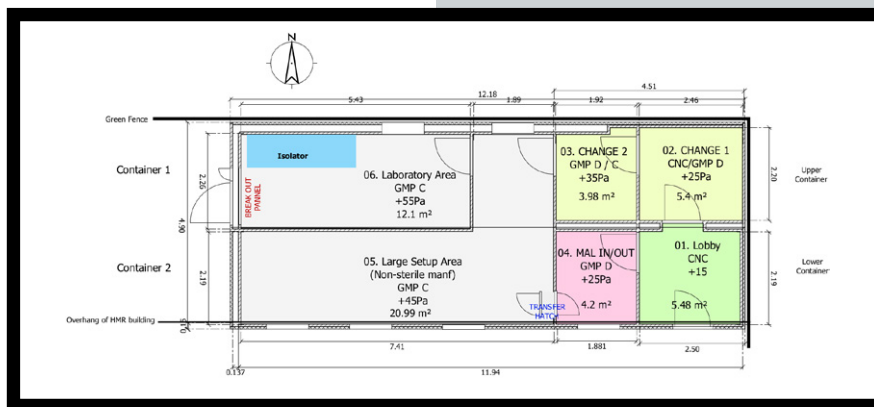
◆ **Furniture & Equipment:** HMR's new facility incorporated a carefully selected range of products from the Guardware ISO range, supporting personnel, material transfer, storage and everyday manufacturing activities throughout the cleanroom.

ISObench Max

Trespa-topped cleanroom workbenches with Grade 316 stainless steel frames

ISObench Max workbenches provide HMR with durable working surfaces for day-to-day operations within the controlled environment. The combination of Trespa worktops and Grade 316 stainless steel frames delivers a robust, highly cleanable solution suitable for demanding Pharmaceutical applications.

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**ISOpass Max**

Grade 316 stainless steel active pass-through hatches

ISOpass Max units support controlled movement of materials between different areas of the facility, helping HMR maintain effective segregation while reducing unnecessary personnel movement.

ISOhatch Max

Grade 316 stainless steel active trolley hatches

For larger materials and equipment, ISOhatch Max trolley hatches provide a practical transfer solution. Mechanical interlocks support controlled transfer procedures while the Grade 316 stainless steel construction provides a durable, cleanable finish.

ISOseat Max

Ergonomic cleanroom seating

ISOseat Max cleanroom chairs provide operators with dedicated seating designed for use within controlled environments, com-



binning cleanroom compatibility with ergonomic support for HMR personnel.

ISOlOCK Lite

Dedicated cleanroom lockers

ISOlOCK Lite mild steel lockers provide organised personnel storage within the facility, supporting HMR's gowning procedures and helping maintain an orderly environment.

THE FIT-OUT

The Guardware package was integrated into a highly specialised GMP manufacturing facility where space, cleanability and operational efficiency were critical considerations. The combination of workbenches, seating, lockers and specialist transfer equipment created a coordinated furniture and equipment solution.

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This will support HMR's workflow from gowning and material transfer through to aseptic manufacturing.

Particular attention was given to material selection. Grade 316 stainless steel was utilised for the ISOpass Max and ISOhatch Max transfer systems and ISObench Max frames, while Trespa work surfaces provided robust working areas suited to repeated use within the controlled environment.

Rather than treating furniture and equipment as an afterthought, Guardware products formed an integral part of the finished cleanroom layout.

BUILT AROUND THE PROCESS

The HMR project demonstrates how Guardware can provide far more than individual items of cleanroom furniture.

By selecting products from across the ISO range, Guardtech was able to develop a coordinated fit-out around the requirements of HMR's personnel, processes and material flows.

From ISObench workstations and ISOseat cleanroom seating to ISOlock storage and ISOpass and ISOhatch material transfer solutions, each product performs a specific role within the operation of



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the completed facility.

The result is a practical cleanroom fit-out designed to complement HMR's GMP manufacturing pro-

cesses while providing the durability and cleanability required from equipment operating within a Pharmaceutical controlled environment.

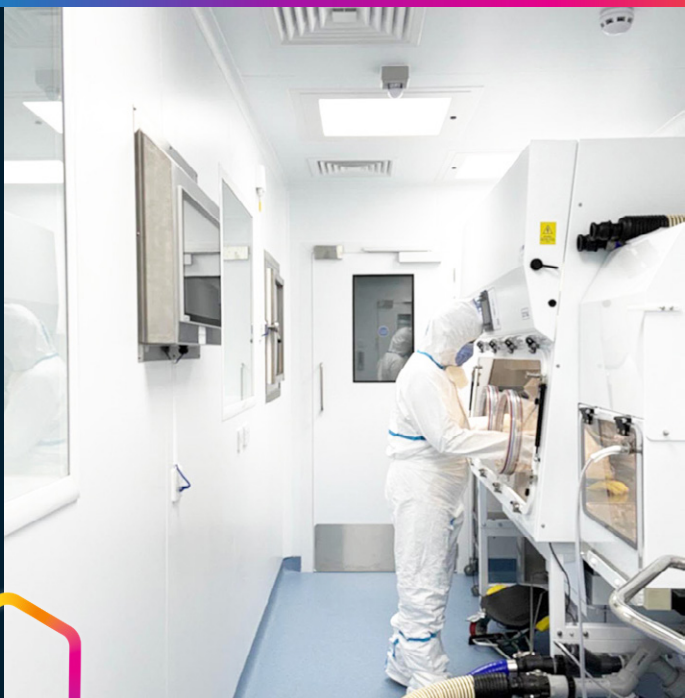
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THE RESULT

The completed Guardware fit-out provides HMR with a coordinated suite of specialist cleanroom furniture and equipment integrated into its new GMP aseptic manufacturing facility.

Through a combination of ISObench Max, ISOpass Max, ISOhatch Max, ISOseat Max and ISOlock Lite, Guardware supports working, seating, storage and controlled material transfer requirements across the cleanroom.

The project demonstrates the breadth of the Guardware ISO range and its ability to provide a complete hardware solution for demanding Pharmaceutical environments, with products selected around the specific operational requirements of the facility.

The wider project also overcame significant space and installation constraints to create a flexible manufacturing facility that can continue to provide HMR with overflow and business-continuity capacity once its permanent laboratories are operational.

