Guardtech

CLIENT CASE STUDY

BESPOKE UDAF CABINETS

ISO Class 5

THE CLIENT

Ipsen – they strive to discover, innovate and bring to market pharmaceutical products that will make a difference in the lives of patients, their caregivers and healthcare professionals. With a focus on transformative medicines in oncology, rare disease and neuroscience, Ipsen's vision is to be a leading global mid-size Biopharmaceutical company.

THE BRIEF

As part of the wider project, Ipsen required two bespoke Unidirectional Airflow (UDAF) cabinet units to support its Pharmaceutical processes. Rather than supplying standard off-the-shelf equipment, Guardtech worked with the client to develop dedicated units around its specific operational requirements. The cabinets needed to combine controlled airflow performance with the durability and cleanability required for a demanding Pharmaceutical

Guardtech also provided a Cleancube Mini+ 30sqm container cleanroom for the same client.

"Another fine example of the amazing work our Teams are capable of..."

Michael Burton, Guardtech Group Associate Director of Manufacturing, said: "It's always a pleasure to work with such an excellent client on new, bespoke innovations. This downflow booth is just another fine example of the amazing work our Design and Installation Teams are capable of when we work closely with a client to collaborate on a product – a great example of how teamwork and creativity blend to develop groundbreaking solutions."

Michael Burton
Guardtech Group Associate Director Manufacturing

Guardtech

Guardware
cleanroom hardware

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THE SOLUTION

Guardtech designed and manufactured two bespoke UDAF cabinets, with both units constructed in premium Grade 316 stainless steel.

The material was selected to provide a robust, hygienic and highly cleanable finish suited to repeated use within a controlled Pharmaceutical environment.

Each self-contained cabinet incorporates an enclosed stainless steel working area beneath the filtration housing, creating a dedicated workstation supplied with filtered unidirectional airflow.

Integrated controls and visual status indication give operators clear information on the operating condition of the unit, while the mobile stainless steel framework enables the equipment to be positioned appropriately within the client's process space. A robust, high-performance separative device.

THE PROJECT

The two UDAF cabinets formed part of a wider package of specialist equipment developed for Ipsen. Guardtech also manufactured a bespoke downflow booth for the project, incorporating a Grade 316 stainless steel structural frame and four H14 HEPA Fan Filter Units to create exceptionally high levels of localised cleanliness.

The wider programme demonstrates the benefit of combining Guardtech's cleanroom engineering knowledge with Guardware's ability to design and manufacture bespoke equipment. Instead of adapting standard products around the process, the teams worked collaboratively with Ipsen to create equipment specifically around the client's requirements.

THE RESULT

Ipsen received two bespoke Grade 316 stainless steel UDAF cabinets, engineered specifically around its Pharmaceutical processes and CE marked as Guardtech products.

The completed units provide dedicated, localised controlled environments in a compact standalone format, combining cleanability, durability and engineered airflow control.

Alongside the bespoke downflow booth and other cleanroom solutions delivered for Ipsen, the project highlights Guardware's ability to turn a client's specialist requirement into a fully developed cleanroom product – designed, manufactured, tested and delivered by Guardtech.

It is another example of how close collaboration between client, Design and Manufacturing teams can produce bespoke cleanroom hardware for applications where standard equipment simply isn't the right fit.