



Advancements in Critical Cleanroom Components

The utilization of prefabricated cleanroom systems offers important advantages, particularly in sectors requiring stringent adherence to cleanliness, precision, and tightly controlled environments. The integration of these systems not only streamlines operations but also elevates standards while meeting regulatory requirements. G-CON, the leader in off-site prefabricated cleanroom systems, has achieved a significant milestone with the introduction of G-CON Clean Solutions and the establishment of new manufacturing operations at its College Station, Texas site. These new capabilities represent an expansive leap in the company's portfolio, augmenting its offerings of comprehensive and flexible turnkey cleanroom solutions.

The scaling of manufacturing capabilities underscores a technical evolution within the domain of off-site prefabricated cleanroom systems. This advancement aligns with the cell and gene therapy industries growing demand for versatile solutions that transcend traditional limitations. The demand for modular cleanroom doors and panels in the United States is driven by three key factors:

- **Flexible and Scalable Solutions:** The modular nature of cleanroom doors and panels allows for flexibility in design, construction, and scalability. This adaptability is crucial for companies with evolving production needs, allowing them to expand or reconfigure cleanroom spaces without significant disruptions to ongoing operations.
- **Time and Cost Efficiency:** Prefabricated modular cleanroom components significantly reduce construction time compared to traditional build methods. These components arrive pre-engineered and ready for assembly, reducing on-site labor requirements and overall project costs. Such efficiency allows companies to expedite facility setup or renovations without compromising quality.
- **Technological Advancements:** Ongoing technological advancements have improved the quality and reliability of modular cleanroom components. Enhanced materials, innovative designs, and improved manufacturing processes contribute to the durability, functionality, and compliance of these systems.

Logistics in and out of the cleanroom process all the way to the customer is a key component to supply chain management, which also includes sourcing, bulk buying, inventory and vendor management. It is critical to get the right materials to the cleanroom installers at the right time.

Ensuring quality amidst heightened demand and reduced supplier output is a rigorous undertaking. To mitigate this critical concern, cleanroom solution providers, like G-CON, have turned to vertical integration. G-CON's strategic move in the acquisition of Plasteurop, a prominent French company specializing in cleanroom components, aligned with the core value proposition of speed and reliability in supply chain and commitment to delivering excellence. And the company has invested in establishing manufacturing of those cleanroom components at its College Station, Texas site to supply the US market, starting with cleanroom doors which are now available to ship, and followed by cleanroom panel systems which will be available in early 2024.

G-CON's strategic expansion and commitment to technical excellence in supplying off-site prefabricated cleanroom systems over the past decade has made a recognizable impact within the industry. The successful introduction of G-CON Clean Solutions and the ongoing expansion of manufacturing capabilities are proof of the company's dedication to innovation, quality, and adaptability in serving the evolving needs of the industry, propelling the frontier of cleanroom solutions into a new era of technical sophistication and versatility.

About G-CON:

G-CON specializes in the design and construction of advanced cleanroom solutions for a wide range of industries. G-CON works closely with customers and A&Es to provide solutions that meet their specific needs, building PODular cleanrooms offsite, and providing modular and hybrid construction options. These offerings enable rapid deployment and easy configuration of cleanrooms while delivering the highest quality facilities, quickly and on time and on budget as well. For more information visit www.gconbio.com.

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