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BiomatiQ inaugurates state-of-the-art, fully automated production line for ready-to-use culture media in Hyderabad

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BiomatiQ, a leading life science products distribution company, has marked a significant milestone with the inauguration of its state-of-the-art, fully automated production line for ready-to-use culture media in Hyderabad. Founded in 2017, BiomatiQ has established a strong presence in the industry with a team spread across India. This latest advancement marks a pivotal transition into manufacturing, underscoring the companyâ??s commitment to delivering high-quality products and services.



The grand ceremony featured a ribbon-cutting by K.V.G.K. Raju, an esteemed figure, known for his immense contributions to the scientific and industrial domains. The momentous ribbon-cutting was followed by the ceremonial lighting of the inauguration diya, signifying a bright and prosperous beginning for this new phase in BiomatiQ's journey. The diya was lit by K.V.G.K. Raju, along with Pavan Kumar, Natarajan, Jean-Francois Jochim from Biokar Diagnostics, Rakesh Aggarwal and Omkaranath, symbolizing unity, collaboration, and enlightenment.

The presence of respected dignitaries and industry leaders added gravitas to the event, highlighting the importance of this new facility not only for BiomatiQ but for the life sciences eco-system.

A Facility Built on Quality and Compliance

BiomatiQ's new greenfield facility has been meticulously designed with a strong foundation in Quality by Design (QbD) principles. The infrastructure supports unidirectional men and material flow, ensuring minimal risk of cross-contamination. At the heart of the facility lies a Grade A/B cleanroom, dedicated to the aseptic filling of RTU media. Every component and layout decision has been made to comply with cGMP and WHO standards.

The seamless integration of design, compliance, and technology ensures not just regulatory adherence, but also operational excellence. BiomatiQ's investment in this facility reflects its commitment to raising the bar for quality in the Indian manufacturing landscape.

Automated Processes for Enhanced Quality

The centrepiece of the facility is a fully automated, Grade A aseptic filling line, built to deliver high-precision, contamination-free RTU culture media. The production workflow includes fully automated plate loading, stacking, silica sachet application, gamma label application, triple wrapping, and packaging. All plates undergo gamma irradiation, followed by 100% batch incubation and visual inspection, ensuring only products that meet the highest quality standards are dispatched to customers.

This rigorous and automated process reduces human intervention, thereby minimizing contamination risk and improving batch-to-batch consistency—a key requirement for customers in regulated industries like pharmaceuticals, biotechnology, and healthcare.

Advanced Equipment for Smart Manufacturing

The facility is equipped with cutting-edge equipment, including filling lines, media preparation and sterilization vessels, incubators, and autoclaves, all of which are 21 CFR Part 11 compliant. This ensures secure, electronic records and controlled access to critical systems.

Each system is integrated with a centralized data acquisition setup for timely monitoring and analysis, allowing for proactive quality control, assurance and trending. The equipment is designed to support the company's commitment to quality, regulatory compliance and traceability.

State-of-the-Art Contract Testing Laboratory

In addition to the production line, BiomatiQ is also setting up a state-of-the-art contract testing laboratory for microbiology testing. The laboratory will cater to the testing requirements of the pharmaceutical, biopharma, and food industries, with services aligned to national and international standards.

What sets this lab apart is its planned adoption of Rapid Microbiological Methods (RMM), enabling faster turnaround times, enhanced traceability, and better compliance with regulatory expectations. The lab will also offer routine testing, environmental monitoring services, and validation studies for manufacturing clients.

Bridging the Academia-Industry Gap

Beyond its production and testing capabilities, BiomatiQ is committed to bridge the gap between academia and industry. BiomatiQ plans to offer training programs, imparting essential skills to industry entrants and aspiring students. By doing so, BiomatiQ aims to foster a new generation of professionals equipped with the knowledge and expertise required to excel in the life sciences industry. These training programs empower aspirants to meet and exceed expectations, transitioning seamlessly from classroom learning to cleanroom applications.

Building a Complete Life Science Business Eco-System

BiomatiQ is creating a comprehensive life science ecosystem. From product distribution and manufacturing to testing and training, the company provides a one-stop solution for researchers, manufacturers, students, and regulatory bodies. This integrated model is designed to bring synergies across the value chain, improving efficiency, reducing dependency on imports, and enabling innovation at every level. In doing so, BiomatiQ is opening infinite possibilities for collaboration, advancement, and sustainable growth.

Strengthening India's Life Sciences Sector

With this new facility and laboratory, BiomatiQ is poised to become a significant player in the life sciences industry. The company's aim is to produce high-quality products and services that meet international standards, with a strong focus on regulatory compliance and robust Quality Management Systems (QMS).

Directors' Vision

Omkaranath B., the founding director and Rakesh Aggarwal (director), bring extensive industry experience to BiomatiQ. With a strong background in microbiology and technical expertise, they have built a team with the technical know-how to handle daily operations efficiently. The company's focus on quality, compliance, and customer satisfaction is a reflection of its founding directors' vision.

The inauguration of BiomatiQ's state-of-the-art facility marks a significant milestone in the company's journey. With its commitment to quality, compliance, and building a complete life science business eco-system, BiomatiQ is well-positioned to become a leading player in the global life sciences industry.

Looking Ahead

The inauguration of this state-of-the-art facility is more than a celebratory event—it is a powerful statement of intent. BiomatiQ is ready to lead the change in how life science products are manufactured, tested, and delivered.

As the diya was lit and the facility officially came to life, it is the dawn of a new era for BiomatiQ. An era defined by automation, compliance, innovation, and above all, a commitment to quality.

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