

update medical systems

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Gerresheimer establishes small series production in the USA

Pilot production in series quality at the Peachtree City production plant: Gerresheimer can run small series production for Development & Iteration Samples, Clinical Samples and Stability Trial Samples to support your early phase projects in the U.S.

Gerresheimer has small series production at its Technical Competence Center in Peachtree City, Georgia. Low quantity, high quality products can now be manufactured under series conditions in 6,500 square feet of production space, 4,000 of which meet ISO class 8 cleanroom requirements. During the development and approval of pharmaceutical products and medical devices, this kind of small series is regularly needed for clinical samples or stability batches.

Prior to series production, pharmaceutical products and medical devices run through an exhaustive approval process for which small numbers of units need to be produced. Gerresheimer offers in-house small series production to accomplish this task.

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Optimization of the production process already in the pilot phase

The success of the Technical Competence Center in Wackersdorf, Germany, is now being offered to our U. S. customers at the Technical Competence Center in Peachtree City, Georgia. Small series production enables quick and reliable production of products at any time in a project – from development samples to clinical samples or stability batches, all the way to small series. Plus, the expertise gained can be easily transferred to large series production, as production is already running in series quality.

Besides providing small volumes of product, small series production also enables Gerresheimer to optimize the customer's production process in the pilot phase. Processes can be developed and streamlined with all the expertise transferred to large scale production. The experience gained during mold making and automation can be easily transferred to design series molds and series equipment.



Our small batch production in class 8 cleanroom in accordance with DIN EN ISO 14644-1 in Wackersdorf, Germany



Simulation of entire production processes

Setup of small series production began at the Technical Competence Center at the Peachtree City location in 2020 with the conversion of an existing

building as well as setup of an ISO class 8 cleanroom in accordance with DIN EN ISO 14644-1. Small series production then took up operation in 2021. It currently spans 6,500 square feet, 4,000 of which meet cleanroom requirements. An expansion to a total of 13,000 square feet, 8,600 of which cleanroom area, is planned for the year 2025. "The equipment in small series production adapts to the project. It's designed so that entire production processes can be simulated. We are currently producing an innovative product for ophthalmology, an innovative point-of-care test system and a combination product in accordance with the FDA definition," explains Manfred Baumann (Global Executive VP Sales & Marketing, Administration & TCC, Gerresheimer Regensburg GmbH).



The small batch production is designed so that entire production processes can be simulated.

Based on these projects, the equipment in small series production currently includes an injection molding machine with a clamping force of 120 tons that connects with handling systems and parts conveyors.



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Project-specific assembly and packaging units such as granulation, fill & seal plants as well as manual assembly stations, including ultrasonic welding systems, are also available.



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Fully equipped measurement laboratory

For quality assurance, small series production has its own fully equipped measurement laboratory with product-specific testing equipment with optical and tactile measuring machines and other testing equipment.

Solutions optimized and tested in small series production can easily transition straight to large series production in Peachtree City or at another production location.

Looking for the ideal partner to shorten the time-to-market for your drug delivery devices, diagnostic products or medical devices? With our extensive expertise in product development and industrialization, including small series production and large series production, Gerresheimer is the one-stop shop you're looking for.

I'd like to learn more about your current and future projects. Visit me at our trade fair booth no. 2641 at the MD&M West (April 12 – 14, 2022 in Anaheim, California) or simply give me a call. I'm available any time.



Gerresheimer Peachtree City



Cleanroom production in our production site in Peachtree City, USA

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© Design and editing Gerresheimer Regensburg GmbH Communication & Marketing
Oskar-von-Miller-Str. 6, 92442 Wackersdorf, Germany
Karin Fischer, Phone +49 9431 639-6140, karin.fischer@gerresheimer.com