

START SMALL AND SHAPE YOUR CONTINUOUS MANUFACTURING PROCESS FOR ORAL SOLID DOSAGES

Continuous manufacturing is a unique way to develop, scale up and commercially produce solid dosage forms. The paradigm shift in pharmaceutical manufacturing will result in enormous benefits in quality, costs, productivity and reliability.

1 Source: TechnoPharm article by Dr. Ralf Weinekötter, Gericke AG



THE GERICKE PHARMA MODULE A SIMPLE WAY TO START YOUR CONTINUOUS MANUFACTURING EXPERIENCE.



The Gericke Feeding Mixing Module combines 2-6 high precision loss in weight feeders, refilling equipment and a continuous mixer to a single unit operation. It can operate as stand-alone unit without downstream equipment drastically reducing cost and complexity compared to fully integrated continuous manufacturing line. Even the smallest module with 2 feeders

already includes all essential elements and will omit later scale up to your commercial product. It can be simply extend by adding more feeders. This represents an economical way to collect first experiences with continuous manufacturing. It allows a later easy integration of our module into existing continuous process like direct compression, dry or wet granulation!

2 Source: Article by Doug Housner, ISPE



Dimensions	
Length	1800 mm
Width	1600 mm
Height:	1650 mm

Capacities*	
GCM250	1-25 kg/h
GCM450	5-500 kg/h

*depending on product

Advantages

- Turnkey solution: Skid mounted system including loss in weight feeders, refilling equipment, continuous mixer and PAT solutions
- Optimized access to equipment allows fast cleaning and product changes with minimal down time
- Flexibility with downstream processes such as direct compression, wet/dry granulation or as individual unit for early stage R&D
- Modular design with interchangeable feeders for various powders and throughput rates
- Compact mixer for lowest capacities with minimal start-up losses, easily adaptable residence time and energy input
- Advanced control strategy ensuring highest product quality and reduced OOS material

The Gericke Feeding Mixing Module is a complete solution, including various options for contained refilling of loss in weight feeders, PAT tools as well as additional process equipment. Everything comes mounted on a rigid platform for a fixed or mobile installation. The module can be easily dismantled reducing down times during cleaning and product change overs. All machines are approved and fit perfectly together, which reduces your engineering time as well as the qualification and validation procedures.

1 Source: TechnoPharm article by Dr. Ralf Weinekötter, Gericke AG

http://www.ecv.de/beitrag/TechnoPharm/Kontinuierliche_Dosier-Misch-Module_als_Grundbaustein_der_Solidafertigung



2 Source: Article by Doug Housner, ISPE

<https://ispe.org/ispeak/enabling-continuous-direct-compression-pharma-manufacturing> ("loss in weight feeders"), miscelatore in continuo e soluzione PAT (Process Analytical Technology).





TEST CENTRE

Tests on an industrial scale reduce planning time and increase process safety!

Test centres in Switzerland, France, England, Brazil, USA and Singapore are available for customer tests under near-production conditions. The test centres are equipped with original machines. Experienced specialists design the test layout according to your wishes and perform the tests.

- Testing of machines and prototypes with original products
- Checking of performance ranges and accuracies
- Testing of the interaction of multiple machines
- Gaining of experience for product processing
- Sampling for laboratory tests and market response
- Customer training

SERVICE

Worldwide support for commissioning, maintenance and service.

We highly value punctual delivery, reliable assembly and thorough assembly monitoring. With well-planned commissioning and intensive on-site training we create the prerequisites for a smooth production start-up. Our service team and the global spare parts service combine to ensure long service life and high availability of systems with consistent product quality.

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