

CONSIGMA®

Compact Feeder (CF) Test Rig



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The ConsiGma® CF test rig is a standalone module that allows you to characterize the feeding behavior of your products during the early stages of R&D.

Feeding and dosing the individual powders of a formulation is one of the critical unit operations in a continuous manufacturing process. Therefore, the ability to characterize the feeding behavior of your materials at an early stage is key.

The ConsiGma® CF test rig is a standalone module that enables you to check feeding behaviors at throughputs between 0.025 and 60.00 kg/h (depending on the product).

Regardless of the final purpose (fully integrated continuous line or individual unit operation), this unit is targeted at all companies who have an interest in integrating a continuous feeding step into their operations.

Cleaning

From simple cleaning options to systems for high containment applications, GEA offers a comprehensive range of cost-effective technologies for our ConsiGma® 4.0 modules. Working together, we can help you to select the most appropriate solution for your plant or line. Discover more in our "Cleaning Solutions for ConsiGma® 4.0" brochure. There's a better way to meet your specific requirements.

Scope

- GEA Compact Feeder
- Top-up system

Applications

- Offline testing of powder to determine optimal feeder set up

Main Benefits

- Development efficiency
- Minimize powder use

Standard Configuration

- Powder hopper
- Top-up valve
- Compact feeder

Available Options

- Different gear boxes (3) and feeding screws
- Weigh scale to measure output of feeder
- Options to optimize powder feeding



For further information
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