CONSIGMA®

R&D Granulation and Drying (GD)

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The ConsiGma® GD 25/80 offers standalone continuous twin-screw granulation and drying for small-scale R&D operations. It allows users to develop the process and achieve high granule quality on a compact unit.

Based on proven continuous twin-screw granulation technology, the ConsiGma® GD 25/80 has been designed for the small-scale development of continuous granulation processes.

The system comprises the same twin-screw granulator as the smallest unit of the ConsiGma® GD or GS lines and a small dryer that's similar to one of the drying segments. This allows you to develop your products on the same scale with product quantities starting from just a few 100 grams up to a few kilograms. The results are directly transferrable to the standard size ConsiGma® GD or GC line.

The ConsiGma® GD 25/80 is ideal for pharmaceutical companies who wish to develop a continuous granulation process before the fully integrated production line is installed.

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
- Wet granulation
- One fluid bed dryer segment
- Melt granulation

Applications
- R&D for NCE, orphan drugs, blockbusters
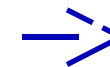
Main Benefits
- Fast DOE
- Reduction of API usage in R&D
- Reduced time to market

Standard Configuration
- One powder feeder
- One liquid addition system
- Twin-screw granulator
- One dryer segment

Available Options
- Brabender or Ktron Feeder
- Standalone GD 25 w/out dryer segment
- Solvent compatible
- Second liquid addition
- Lighthouse Probe® for LOD measurement
- Melt granulation set-up

For further information
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