

CONSIGMA®

Gentle Coater (CGC)



ConsiGma® Gentle Coater

CGC modules are all-in-one solutions, capable of R&D, clinical and full-scale production using the same system. They can be used in both batch and continuous production, either as stand-alone, in bin-2-bin systems, or linked to any up-or downstream process.

The CGC modules are based on the GEA high-performance tablet coating technology that gently and accurately deposits controlled amounts of coating materials onto tablet cores — even if they are hygroscopic or friable.

Highly agile and available in 4 standard set-ups, the ConsiGma® Gentle Coater can coat any amount of tablets between 3 kg and 500 kg within a 8 hour shift (up to 1000 kg for a twin-coater system). Nominal throughputs (from 15 kg/h up to 60 kg/h, to be verified by testing) are flexible due to the interchangeable coating wheels, and the systems can be customized with a number of options to suit the customer's needs.

They are suitable for applying aesthetic, enteric or API coating in a very accurate way and are ideal for pharmaceutical companies who wish to benefit from a higher process control and resulting higher quality of the product.

The Conductor software ensures seamless control of the entire process, full reporting and tracking of OOS. Material genealogy can be integrated into the controls. Handshaking with up- or downstream equipment can also be offered.

Scope

- Loading from specially designed tablet feeder
- Single or twin coater
- 160 / 320mm wheel

Applications

- Aesthetic coatings
- Enteric coatings
- API coatings

Main Benefits

- Improved coating quality
- Less coating solution required
- Small footprint
- No scale up

Cleaning

From simple cleaning options to systems for high containment applications, GEA offers a comprehensive range of cost-effective technologies for our ConsiGma® 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®" brochure. There's a better way to meet your specific requirements.

Standard Configuration

- 1 or 2 coater wheels
- 2 sizes of wheel available

Available Options

- Feeding from:
 - ◊ Specially designed tablet feeder
 - ◊ Fully integrated ConsiGma® CM line
 - ◊ Standalone tablet press
 - Fully integrated with new GEA press
 - Handshake with existing or customer selected press
- ◊ IBC
- ◊ Manual
- Solvent capable
- Wash offline
- PAT Probe
- Tablet waxing unit
- 80 mm coater wheel for small scale R&D available on special demand
- 480 mm coater wheel for high volume production in development



Further information

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