Fluid bed systems

GPCG 2 LabSystem

Glatt®
The very best for your laboratory

The innovative GPCG 2 LabSystem from Glatt

Absolute flexibility

The full range of fluid bed processes. In top quality. For new ideas and top products.

- Drying (in the granulating insert).
- Granulating (Top Spray in the granulating insert).
- Coating (Bottom Spray in the HD-Wurster*).
- Pelletizing (Cranial Spray in the rotor insert).

Optimum batch size – from 0.3 kg to 5 kg**.

With textile filter or metal filter and various bottom screens. With Glatt single-arm spray nozzle, powder-feed and other innovations. In the standard version or customized to suit your specific requirements. The perfect equipment to ensure your success.

Step up safety

Your safety is of utmost importance to us. The PRO concept from Glatt.

- No pressure relief.
- Environmental and personal protection with a contained system.
- For all dusts up to an explosion pressure of 10 bar and these hybrid mixtures.
- New sealing system. Less weight and better handling.
- As a total containment version for highly active substances.

Top for clinical sample production

The highest of requirements apply in the manufacture of clinical samples. Problems are something you can do without. What you need is the GPCG 2.

- Easy-to-clean design.
- Comprehensive process documentation.
- Validation of processes.

Batch sizes from 0.3 kg to 5 kg**

Function and form taken to perfection

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Optimum process control

Customer expectations are high. Fast and simple process control is what counts.

The solution: ProcessView from Glatt.

- Touch-screen control.
- Swivelling operating panel.
- Perfect ergonomics for the operator.
- Integrated recipe handling.
- Batch report.

Excellent handling and integrated technology

Perfect solutions and sophisticated design. The GPCG 2 offers all the advantages of integrated technology and top-quality processing.

- Centralized process inserts, removable and rotatable for product discharging.
- Simple filling and discharging.
- Problem-free cleaning.
- Plug & Play: Just connect it and you’re off.
- Ergonomically arranged connections.
- Rotating mesh for contained emptying.
- Unique work surface made of synthetic granite. Resistant to solvents, scratch-proof and impact-proof. It still looks like new even after years of use.

Modular design

Expect absolute flexibility. Integrated modules offer you options now or in the future.

- Dehumidification of inlet air.
- Downstream deduster for dust-sensitive coating processes.
- Additional storage space for process accessories.
Technical Data / Addresses

GPGC 2 LabSystem

<table>
<thead>
<tr>
<th>Batch sizes</th>
<th>small 1)</th>
<th>standard</th>
<th>large</th>
</tr>
</thead>
<tbody>
<tr>
<td>Granulating insert</td>
<td>1 - 3 l</td>
<td>2 - 6 l</td>
<td>5 - 12 l</td>
</tr>
<tr>
<td>Wurster insert (4&quot;, 6&quot; and 7&quot;) 2)</td>
<td>2 l</td>
<td>3.5 l</td>
<td>5.4 l</td>
</tr>
<tr>
<td>Rotor insert 3)</td>
<td>–</td>
<td>5 l</td>
<td>–</td>
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Electrical power 3)
- Operating voltage: 1 x 230 V and 3 x 400 V
- Frequency: 50 Hz
- Total connected load: 3.5 / 15 kW
- Connector: CEE form 3-pin / 5-pin

Compressed air
- Max. consumption: 12 m³/h
- Pressure: 6 bar(g)
- Connection: Hose connection

Inlet air heater, electric
- Max. inlet air temperature: 120° C

Dimensions
- Height: 2427 mm
- Width: 1900 mm
- Depth: 1035 mm

Weight
- 1000 kg

Spray pump 2,3)
- Max. output: 53 ml/min
- Connection voltage: 230 V
- Frequency: 50 Hz

1) Only together with the tower bypass for process air | 2) Optional | 3) Other voltages and frequencies on request

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Drying
Granulating
Coating
Pelletizing

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