Wafergard® GN Gas Filter Gun

Easy-to-use, lightweight POU gas filter

The Entegris Wafergard® GN gas filter gun is designed for point-of-use filtration of compressed gas. The filter element is an exclusive Entegris design and provides these significant advantages.

Superior PTFE Membrane
The PTFE membrane in the Wafergard GN filter element is rated for 0.003 µm particle retention in gas applications. In addition, the unique properties of the membrane eliminate particle shedding.

High Effective Filtration Area
The Wafergard GN filter element provides 10 cm² of effective filtration area. This increased surface area results in higher flow rates, more effective wafer cleaning, and less frequent changeout.

Reliable Performance
The Wafergard GN filter element is manufactured in a clean environment and is 100% pretested and preflushed to assure reliable performance.

Corrosion Resistance
The white nylon design of the filter gun makes it resistant to corrosion in acid and most solvent environments.

PERFORMANCE DATA

Slpm Air Flow Rate @ 20°C (68°F) vs. Differential Pressure (MPa)
## SPECIFICATIONS

<table>
<thead>
<tr>
<th>Materials</th>
<th>Gun</th>
<th>Body, trigger</th>
<th>White nylon-molded body</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valve system</td>
<td>Stainless steel 304</td>
<td></td>
<td></td>
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<tr>
<td>O-ring</td>
<td>EPDM</td>
<td></td>
<td></td>
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<tr>
<td>Tubing</td>
<td>Polyurethane</td>
<td></td>
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</tr>
<tr>
<td>Cartridge filter</td>
<td>Membrane</td>
<td>PTFE</td>
<td></td>
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<tr>
<td>Shell, support</td>
<td>Polypropylene</td>
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</tbody>
</table>

### Maximum operating conditions

- Maximum forward differential pressure: 0.4 MPa @ 20°C (68°F)
- Maximum reverse differential pressure: 0.03 MPa @ 20°C (68°F)
- Maximum operating temperature with filter: 50°C (122°F)

### Weight

- Approximately 150 g (5.29 oz)

### Connections

- Filter gun ¼” NPTF inlet NPT female

### Particle retention

- 0.003 µm

### Retention

- Greater than 99.9999999% removal of all particles (referenced at the most penetrating particle size)
FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit entegris.com and select the Contact Us link to find the customer service center nearest you.

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DIMENSIONS

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Part number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WGGB 01 KAN</td>
<td>Wafergard GN gas filter gun</td>
</tr>
<tr>
<td>WGFG 01 KL0</td>
<td>Wafergard GN gas filter, 10/pack</td>
</tr>
<tr>
<td>P03203J</td>
<td>Trigger repair kit (includes 1 trigger, 1 spring, and 1 O-ring)</td>
</tr>
<tr>
<td>XX67 000 WH</td>
<td>Polyurethane tubing with fitting, 2.1 m/7 ft</td>
</tr>
</tbody>
</table>

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