Product Information: Mixing System MS-C

Precise in every sense – dynamic sealing, casting, and bonding

Your Advantages

Low maintenance
- Wear-resistant ceramic valve system
- Separated valve and mixing sections
- Servo-drive for mixer and valves

High precision
- No material displacement during start/stop
- Precise, synchronous switching of the ceramic valve discs

High flexibility
- Cleaning of the mixing systems with high-pressure water rinse or high-pressure rinse recycler system
- Up to 4 components processable
- 2 components with recirculation through the mixing system
- Mixing chamber available in different sizes

Low operation cost
- Quick and easy change of mixer for faster cleaning
- Very few parts in contact with processed material

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Mixing System MS-C

Product Details
The MS-C is a compact, dynamic mixing system for precise metering, mixing, and dispensing. With a revolutionary, servo-driven ceramic valve system the MS-C sets new standards in productivity and reliability. The lean and compact design guarantees a higher degree of flexibility and allows dispensing of complex parts and applications.

The simple modular design and the consequent separation of valve level and mixing chamber level make the MS-C the most maintenance-friendly mixing system available on the market. If required, the MS-C can be equipped with an automatic nozzle shut-off system which allows drip-free dispensing.

Technical Data

<table>
<thead>
<tr>
<th>Product</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Flow rate MS-C 76</td>
<td>approx. 0.1 g s⁻¹ – 2 g s⁻¹</td>
</tr>
<tr>
<td>Flow rate MS-C 100</td>
<td>approx. 2 g s⁻¹ – 120 g s⁻¹</td>
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<tr>
<td>Number of components</td>
<td>2 – 4</td>
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<tr>
<td>Viscosities</td>
<td>50 - 200,000 mPa·s (higher viscosities on request)</td>
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<tr>
<td>Recirculation through mixing system</td>
<td>max. 2 components</td>
</tr>
</tbody>
</table>

Options (more upon request)

> Different mixing chamber volumes available
> Different nozzle sizes available
> Temperature controlled mixing chamber
> Nozzle shut-off system
> Additional material components
> High-pressure rinse valves on different levels

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