Welcome at k-ma process
people for process
Vacuum De-aerator
TYPE K-VE
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Application area

Efficient de-aeration for a higher product stability

The vacuum de-aerator is suited for the de-aeration of liquid up to paste-like products that have not been manufactured under vacuum and therefore contain air. The plant operates continuously and is usually the last unit in a production line.
Functional description

Product feed via pump

Explosion of the air bubbles when passing the distribution disk

De-aerating by vacuum pump

Dwell area in the de-aeration area

Discharge via pump
## Vacuum De-aerator

**TYPE K-VE**

## Portfolio

<table>
<thead>
<tr>
<th>Type K-VE</th>
<th>Vessel volume litres</th>
<th>Usable volume litres</th>
<th>Distribution disk</th>
<th>Pump kW</th>
<th>Distribution disk rpm.</th>
<th>Pump rpm.</th>
<th>Vacuum pump kW</th>
<th>Capacity litres/h</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>100</td>
<td>40</td>
<td>1.5</td>
<td>1.1</td>
<td>1,500</td>
<td>80 – 400</td>
<td>1.5</td>
<td>200 – 1,000</td>
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<tr>
<td>4</td>
<td>250</td>
<td>120</td>
<td>2.2</td>
<td>2.2</td>
<td>1,500</td>
<td>80 – 400</td>
<td>2.2</td>
<td>1,000 – 5,000</td>
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<tr>
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<td>500</td>
<td>250</td>
<td>4.0</td>
<td>3.0</td>
<td>1,200</td>
<td>80 – 400</td>
<td>3.0</td>
<td>3,000 – 10,000</td>
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<td>380</td>
<td>5.5</td>
<td>4.0</td>
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<td>4.0</td>
<td>4,000 – 15,000</td>
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<tr>
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<td>600</td>
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<td>5.5</td>
<td>1,000</td>
<td>80 – 400</td>
<td>4.0</td>
<td>5,000 – 20,000</td>
</tr>
</tbody>
</table>
Enhanced product stability
Significant low product oxydation
Regular glossy product surface
Enhanced long-time stability
Significant reduction of product volume
Higher product density
Reduced packaging volume
Best possible adaptation to your application
Easy cleaning by hand oder via CIP
Applications in food industry

- Mustard
- Sauces
- Mayonnaise
- Peanut butter
- Nut pastes
- Sesame
- Fruit juices
- Jams
Applications in cosmetics

- Ointments
- Creams
- Lotions
- Shampoo
- Tooth paste
- Decorative cosmetics
Applications in chemistry

- Paper coating
- Domestic chemicals
- Detergents
- Paints and lacquers
Vacuum De-aerator
TYPE K-VE

Our references

Our machines and plants are used worldwide in international well-known groups and firms.