

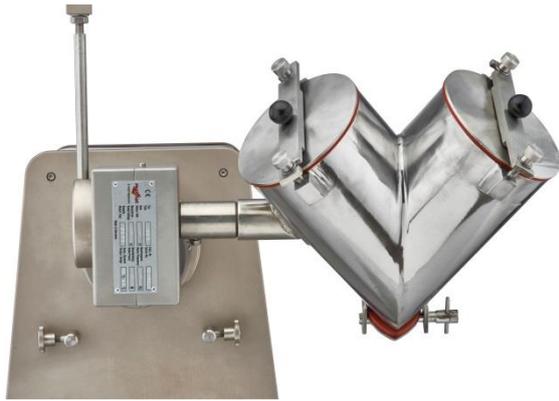
## YM-4 V-Blender

The unique design of the stainless steel YM-4 V-Blender makes it a very effective and quick blender even for bulk material blends with a very low blending ratio (down to 1%). The function is based on a special 3D blending effect in the pant-leg region, which is generated through a combination of: dividing, cascading and an intermeshing mixing mechanism. During blending, materials tumble periodically towards the apex and the legs, while they move along the horizontal rotation at the same time.



BM-5 attached by UGD to UAM





### Unique design

This unique blending mechanism provides homogeneous, uniform, and even predictable properties of blends and mixtures. This makes the stainless steel YM-4 V-Blender the optimum choice for fine powders for R&D as well as for small batch production. The YM-4 V-Blender has to be attached by the UGD Universal Gear to the UAM Universal Motor Drive, which provides a dynamic stepless speed tuning. All contact parts are made of GMP compliant materials and can be sterilized in accordance with GMP.

### Advantages

- » Achieve high efficiency with diluted powder blends (blending ratio down to 1% \*)
- » High efficiency in short operation time
- » Corrosion resistant, medical & food grade contact parts

### Features

- » Special 3D blending of free flowing materials
- » Compact and powerful
- » GMP compliant

### Standard Scope of Supply

Complete V-Blender (part. no. 40-01150)

### Application Specifications

Parameter	Specification
<b>Operation principle</b>	3D Blending; dividing, cascading and intermeshing
<b>Process range</b>	Blending of dry powders (solid/solid)
<b>Feed characteristics</b>	<ul style="list-style-type: none"> <li>» Powders and granules</li> <li>» Sensitive powders</li> <li>» Highly diluted powder blends</li> </ul>
<b>Range of applications</b>	Pharmaceutical, herbal & alternative medicine, chemicals & fine chemicals, food, agriculture, cement & ceramics, cosmetics and detergents, paints & pigments

## Technical Specifications

Parameter	Specification
<b>Total capacity</b>	4.5 l.
<b>Operation capacity</b>	Up to 3 l Depends on feed properties, instrument and process parameters
<b>Rotation speed</b>	5 - 45 rpm
<b>Instrument dimensions</b>	Approx. 300 x 200 x 350 mm (width x depth x height)
<b>Packaging dimensions</b>	Approx. 410 x 410 x 410 mm (width x depth x height)
<b>Net / Gross weight</b>	Approx. 6 / 9 kg

We reserve the right to make technical changes without any prior notice.