

## CMP 7.5 and CMP 12 Plexiglas Cube Blender

The CMP Plexiglas Cube Blender series use tumbling motion to achieve a homogeneous and uniform blending of solid particles. This gentle mixing action suits highly sensitive substances. Additional 3 stainless steel shafts enhance the mixing action.



CMP attached by UGD to UAM

### Clearly Visible

The transparent material of the CMP Plexiglas Cube Blender enables the operator to visually observe the blending process, which makes it an optimal option for R&D as well as for small batch production. The CMP Plexiglas Cube Blender is available in two different sizes; 7.5 l and 12 l offer an alternative in those cases where stainless steel cannot be used and the blending process should be visible.





### Connected via UGD

The CMP Plexiglas Cube Blender has to be attached via the UGD Universal Gear Drive to the UAM Universal Motor Drive which allows a stepless speed tuning. The connection via the UGD Universal Gear Drive provides the possibility of controlling the operation angle.

### Advantages

- » Gentle mixing action for sensitive materials
- » Easy to observe running process for R & D and education

### Features

- » Tumble blending of free flowing materials
- » Transparent plexiglas (PMMA, acrylic glass)

### Standard Scope of Supply

CMP-7.5 (part. no. 40-01106)

### Option

CMP-12 (part. no. 40-01105)

### Application Specifications

Parameter	Specification
<b>Operation principle</b>	Radial mixing / tumbling, with built-in mixing baffles
<b>Process range</b>	Dry blending of powders (solid/solid)
<b>Feed characteristics</b>	<ul style="list-style-type: none"> <li>» Powders and granules</li> <li>» Sensitive powders</li> </ul>
<b>Range of applications</b>	Pharmaceutical, herbal & alternative medicine, chemicals & fine chemicals, food, agriculture

## Technical Specifications

Parameter	Specification
<b>Mixing enhancements</b>	Built-in 3 stainless steel mixing shafts
<b>Total volume (CMP 7.5)</b>	7.5 l
<b>Total volume (CMP 12)</b>	12 l
<b>Operation capacity (CMP 7.5)</b>	Up to 3 l Depends on feed properties, instrument and process parameters
<b>Operation capacity (CMP 12)</b>	Up to 5 l Depends on feed properties, instrument and process parameters
<b>Rotation speed</b>	5-45 rpm
<b>Instrument dimensions (CMP 7.5)</b>	Approx. 200 x 200 x 200 mm (width x depth x height)
<b>Instrument dimensions (CMP 12)</b>	Approx. 250 x 250 x 250 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 (CMP 7.5)</b>	Approx. 5 kg / 7 kg
<b>Net / Gross weight (CMP 12)</b>	Approx. 8 kg / 10 kg

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