

CM-3.5 and CM-7.5 Stainless Steel Cube Blender

The CM Stainless Steel 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.



CM-7.5 attached by UGD to UAM



Connected via UGD

The CM Stainless Steel 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.



Diversity of the CM

The CM Stainless Steel Cube Blender is available in two different sizes; 3.5 and 7.5 liters offer an alternative in those cases where plexiglas cannot be used. The CM Stainless Steel Cube Blender is an option for R&D as well as for small batch production.

All contact parts are made of GMP Compliant materials and can be sterilized in accordance with GMP.



Advantages

- » Gentle mixing action for sensitive materials
- » Corrosion resistant, medical & food grade contact parts

Features

- » Tumble blending of free flowing materials
- » GMP compliant

Standard Scope of Supply

CM-3.5 (part. no. 40-01110)

Options

- » CM-7.5 (part. no. 40-01100)

Application Specifications

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

Technical Specifications

| Parameter | Specification |
|---------------------------------------|--|
| Mixing Enhancements | Built-in 3 stainless steel mixing shafts |
| Total volume (CM-3.5) | 3.5 l |
| Total volume (CM-7.5) | 7.5 l |
| Operation capacity (CM-3.5) | up to 1.5 l Depends on feed properties, instrument and process parameters |
| Operation capacity (CM-7.5) | up to 3 l Depends on feed properties, instrument and process parameters |
| Rotation speed | 5-45 rpm |
| Instrument dimensions (CM-3.5) | Approx. 150 x 150 x 150 mm (width x depth x height) |
| Instrument dimensions (CM-7.5) | Approx. 200 x 200 x 200 mm (width x depth x height) |
| Packaging dimensions | Approx. 410 x 410 x 410 mm (width x depth x height) |
| Net / Gross weight (CM-3.5) | Approx. 5 kg / 7.5 kg |
| Net / Gross weight (CM-7.5) | Approx. 7 kg / 10 kg |

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