

AT

Liquid and Powder Agitator

The AT Liquid and Powder Agitator is used for stirring, agitating and beating of liquids, suspensions and comparable multiphase mixtures (e.g. wetted powders).



AT attached directly to UAM

Structure of the AT

It consists of a mixing vessel, a wire wipe and a gear driving unit, which can be connected directly to the UAM Universal Motor Drive. All contact parts are made of GMP compliant materials and can be sterilized in accordance with GMP.



Advantages

- » Used for blending & mixing of wetted powders, liquids, light creams and ointments
- » Good solution for R&D and small batch production
- » Corrosion resistant, medical & food grade contact parts

Features

- » Versatile applications for solids and liquids
- » Powerful & compact
- » GMP compliant

Standard Scope of Supply

The AT (part. no. 40-01125) comes with the following standard scope of supply:

- » Mixing Vessel (part. no. 424-0016)
- » Mechanical Gear Driving Unit
- » 1 Mixing Element: Wire Whip

Application Specifications

Parameter	Specification
Operation principle	Convective mixing, agitation & beating
Process range	Agitation of wet powders, slurries and light pastes (solid/liquid)
Feed characteristics	Wetted powders, light pastes and slurries
Range of applications	Pharmaceutical, herbal & alternative medicine, chemicals & fine chemicals, food, agriculture, cement & ceramics, cosmetics and detergents, paints & pigments

Technical Specifications

Parameter	Specification
Total capacity	6.5 l.
Operation capacity	Up to 3 l Depends on feed properties, instrument and process parameters
Max. rotation speed	200 rpm
Instrument dimensions	Approx. 460 x 350 x 220 mm (width x depth x height)
Packaging dimensions	Approx. 480 x 680 x 800 mm (width x depth x height)
Net / Gross weight	Approx. 9.5 / 13 kg

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