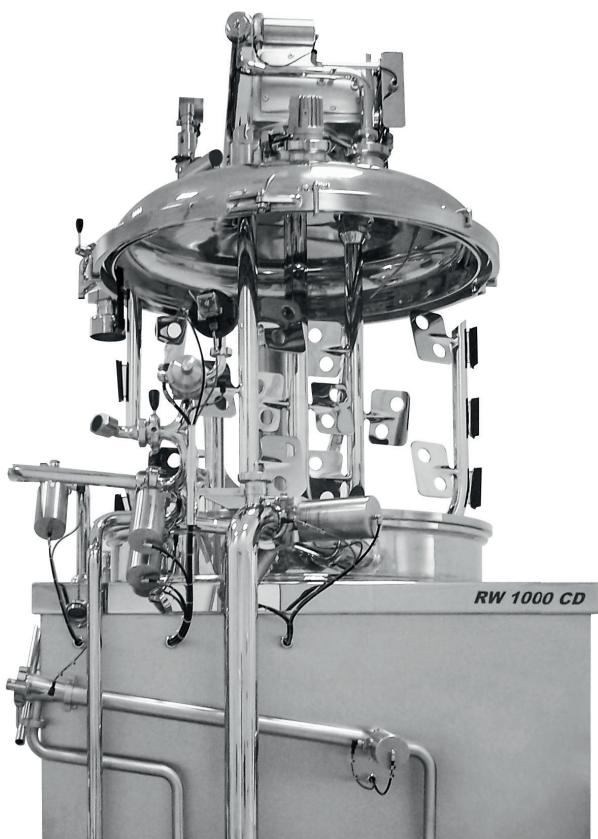


BECOMIX

*process
technology*

Universal homogenising mixer (RW)

Universal processor for products with low
to very high viscosities



Cosmetics



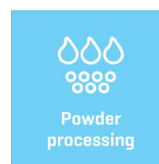
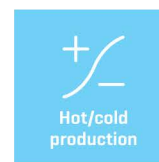
Pharmaceutical



Chemical

Universal homogenising mixer (RW)

Universal processor for products with low to very high viscosities



Applications

Versatile universal processor for liquid and semi-solid products

For creams, ointments, gels, toothpastes, lipsticks, mascaras, shampoos, conditioners, etc.

Individually configurable for all applications and premises

Useable as stand-alone processor and integrated in single/multi-process lines

Sterile production possible

Sizes 60 to 10,000 litres

Properties

Patented BECOMIX homogeniser with integrated CIP pump

Flexible shearing effect (from high to low shear) simply through change of rotation direction

Production of emulsions using the single-vessel method

BEKOMIX's unique hot/cold procedure reduces batch times (by up to -55%)

Rapid and dust-free dispersion of powder even in the smallest of batches thanks to the Powder Jet

Anchor agitator with scrapers for optimal diagonal mixing and shortest heating/cooling times

Touch PC, manual and automated, recipe-controlled automation incl. ERP interface

Integrated CIP/SIP

ATEX zone 2 to 0 possible

cGMP design

Comprehensive documentation (material and welding seams, IQ/OQ, various languages)

Technologies

Shear variability: Shear variability means that the shear intensity of our homogenisers can be specifically varied according to needs for an almost unlimited range of applications.

Diagonal mixing: Our proven stirrer technology guarantees optimal mixing and scraping. This is all down to the special geometry of the stirrer and scraper system.

Hot/cold production: In the hot/cold procedure, the molten wax phases and cold water phases are combined and immediately emulsified. The result is a reduction in production times by more than half and up to 80% lower energy consumption.

Technologies

Powder processing: BECOMIX systems offer a range of different options for the addition of raw materials in the form of powders. The Powder Jet homogeniser is one of the quickest and cleanest options available.

Pharmaceutical qualification: BECOMIX works in strict accordance with the latest pharmaceutical industry standards.

Further information <https://becomix.de/Universal-homogenising-mixer>



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