

BECOMIX

*process
technology*

Laboratory homogenising mixer

Compact design and intuitive operation –
performing the same processes as with
large-scale production



Cosmetics



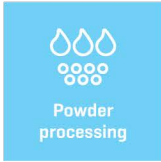
Pharmaceutical



Chemical

Laboratory homogenising mixer

Compact design and intuitive operation – performing the same processes as with large-scale production

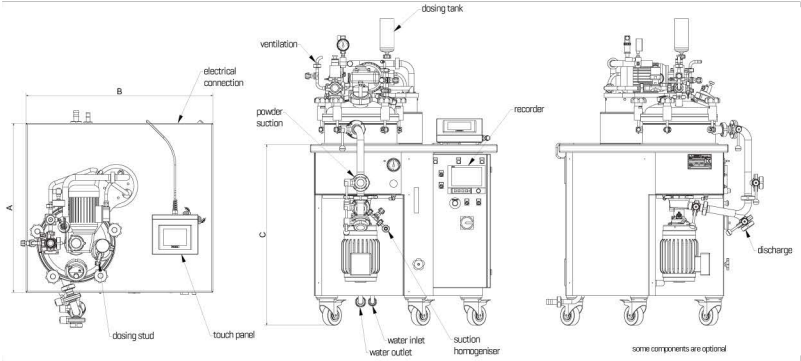


Applications	For product and procedure development, production of clinical samples and pilot scale batches, scale-up Compact device with tempering unit, vacuum pump, PLC control, completely integrated in a mobile laboratory table The only connections needed are: electricity [socket], water inlet and water outlet
Sizes	2.5 to 60 litres
Properties	Very simple and intuitive operation Intensive and dead-space-free mixing with rotating anchor agitation system and scrapers working in both directions Patented BECOMIX homogeniser with integrated CIP pump Flexible shearing effect [from high to low shear] simply through change of rotation direction BECOMIX's unique hot/cold procedure reduces batch times [by up to -55 %] Rapid, dust-free sucking in and dispersion of powders Agitator with scrapers for optimal horizontal and vertical mixing Precise tempering thanks to closed pressurised water/electricity system Reproducible cooling thanks to control of cooling water flow Operation via intuitive touch panel, PLC control [optional formula-controlled PC operation incl. batch documentation] Integrated CIP/SIP cGMP design Pharmaceutical qualification possible Comprehensive documentation [material and welding seams, IQ/OQ, various languages]

Technologies	Shear variability Diagonal mixing Hot/cold production Powder processing Pharmaceutical qualification
Further information	https://becomix.de/Laboratory-homogenising-mixer

Technical data	BECO MINI RW 2.5	RW 15 CD	RW 30 CD
Capacity	0.5–3.5 l	2–12 l	2–25 l
Working pressure			
Mixing vessel	-1...+1 bar	-1...+2 bar	-1...+2 bar
Double jacket	+4 bar	+4 bar	+4 bar
Agitator	Stepless speed control		
Homogeniser	Stepless speed control		
Electrical connection			
Standard	7 kW	10 kW	15 kW
Special version	–	12 kW	17 kW
Operation	Touch panel with online process data recording, laptop/PC optional		
External connections			
Cooling water	DN 15	DN 15	DN 15
Waste water	DN 15	DN 20	DN 20
Dimensions			
A Width	800 mm	860 mm	875 mm
B Depth	800 mm	950 mm	950 mm
C Height	900 mm	900 mm	900 mm

Subject to change without notice.



USA Distributor:



4 Corporate Drive
Cranbury, NJ 08512
P: 609-619-3685
F: 609-619-3686
sales@keyinternational.com
www.keyinternational.com



A. Berents GmbH & Co. KG
BECOMIX
Henleinstraße 19–21
28816 Stuhr
Germany
mail@becomix.de

Get in touch with us:
Tel. +49 421-87 111-0