

Laboratory Mixer Type:

EKATO UNIMIX LM

The general features are as follows:

- Design corresponding to production mixer with comparable agitator and homogenizing system
- Designed for scale-up and formulating purposes
- Pressure and vacuum tight
- Electrical lid-lifting device
- Electrical control system consisting of: PLC control with integrated operation panel for all control functions
- Data registration available
- Temperature control system built into the unit, temperature controlled for product and jacket via PLC
- Interface for PC/recorder connection can be provided
- Obtainable ex stock
- Rental-unit available
- Internal and external homogenization mode
- Up to 120 °C (248 °F) product temperature



EKATO UNIMIX LM 3

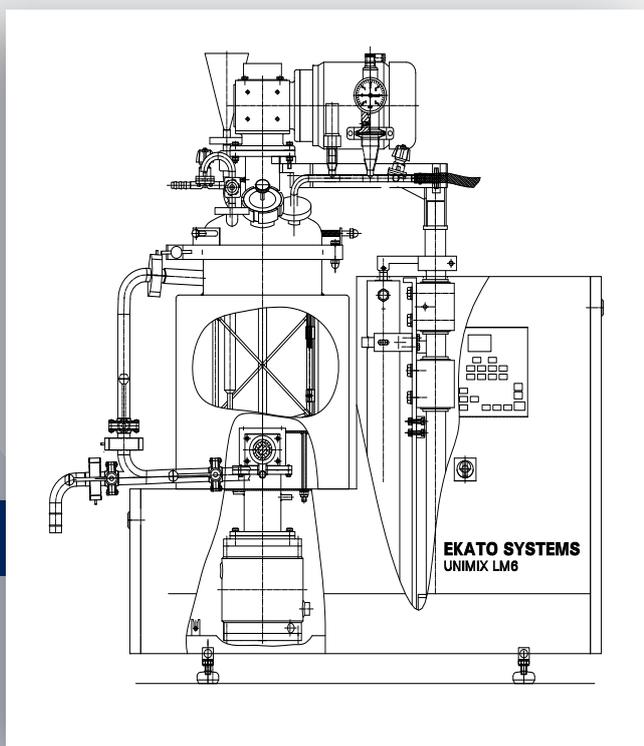
The Laboratory Mixer Type UNIMIX LM allows simulation of production conditions to establish data for scale-up to production units.

All parameters such as speed, temperature and pressure are freely selectable. The homogenizing system represents an essential advantage as same allows external circulation as well as discharge.

EKATO SYSTEMS

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EKATO UNIMIX LM 6

EKATO UNIMIX LM

Type	Volume (l)	Length (mm)	Width (mm)	Height, lid closed (mm)	Lid lifting max. (mm)	Weight (kg)
LM 3	1–3	800	494	1006	1260	130
LM 6	2–6	800	494	1062	1364	140

Approximate dimensions

Technical Data:

Agitator	PARAVISC-Design patented by EKATO with PTFE scrapers - stepless speed control via frequency inverter		
Homogenizer	Universal-homogenizing system type EKATO UNIMIX S-JET 40 - rotor/stator principle in bottom of vessel		
Vessel data	Double jacket Product space: 0.....4 bar abs., 143,6 °C Heating/cooling space: 1.....6 bar abs., 158,8 °C		
Power requirements	230 V, 50/60 Hz, single-phase A/C 380/400 V, 50/60 Hz, three-phase A/C		



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