



#### TECHNICAL INFORMATION

Processing volume	0.1 up to 30 000 ml (based on water)
Tip speed	Up to max. 32 m/s
Applicable aggregates	ø 5 mm to ø 65 mm
Speed range	500 to 21 000 rpm
Speed indication	LED (3 digit)
Speed measurement	Digital, direct by HAL-probe (calibration-free)
Drive coupling	Aggregates with F coupling
Noise level	approx. 85 dB(A) at 21 000 rpm
Motor	Universal DC brush motor
Drive power	1700W
Connection voltage	100/115 - 230 V ± 10 %, 50Hz / 60Hz
Ambient Conditions	0 - 40 °C, max. 80% rel.hum.
Protection class	IP 20
Dimensions (Wx DxH)	Drive: 140x240x305 mm
Weight	Drive: 6.8 kg
EMC standards	IEC / EN 61000-6-2 / EN 61000-6-3
Safety standard	IEC / EN 61010-2-51



#### USERS / APPLICATION RANGES

- General homogenizer applications
- Dispersions, suspensions and emulsions
- Dispersion of plant, animal and human tissue samples in various liquids and volumes
- Dissolving solids even at higher viscosities
- Formulation of food products
- Formulation of lotions, creams and foodstuffs

- Extraction of active pharmaceutical ingredients (API) in pills and tablets
- Preparation of samples for quality assurance / control

This list provides a small selection of possible applications.