



TECHNICAL INFORMATION

Processing volume (water)	0.1 to 10000 ml
Tip speed	Up to max. 32 m/s
Applicable aggregates	ø 5 mm to 36 mm
Speed range	500 to 30000 rpm
Drive coupling	Aggregates with F coupling
Noise level (drive without aggregate)	66 dB(A) at 25000 rpm 73 dB(A) at 30000 rpm
Motor	Universal with carbon brushes
Drive power	1200W
Connection voltage	110 - 230 V ± 10%, 50Hz/60Hz
Relative humidity (max.)	80 % during storage 80 % during operation
Operating temperature	0 - 40 °C
PC interfaces	RS-232 (D SUB 9) USB socket B
Protection class acc. to DIN	IP 20
Dimensions (LxWxH)	Drive: 240x130x265 mm
Weight	Drive: 3.9kg
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
- Dispersing of resins and pigments
- Dispersion of plant, animal and human tissue samples in various liquids and volumes
- Dissolving solids even at higher viscosities
- 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.