

Homogenizers

High Speed Homogenizer

- Simple and easy to handle
- Fast and stable process for high quality results
- Enough speed and power to emulsify, suspend, cut-up, and disrupt
- Rotor/Stator independence for maximum flexibility
- Wide range of stators and rotors for application in various environments
- Overload protection



Handheld Homogenizer

- Rotor / stator type handheld homogenizer
- Rapid homogenization, dispersion, and emulsifying possible
- Operation in 0.1 – 50 ml or 1 – 125 ml liquids depending on the dispersion shaft
- Suspended material is drawn into the core by a rotor with a speed of up to 30.000 rpm
- Material is repeatedly cycled through narrow slits, rapidly sheared and disintegrated via high speed mechanical action
- Complete homogenization of tissues in a few seconds
- Very low heat production
- Support rod for convenient placing optionally available



Specifications

Model	D-500	D-130
Speed with Zero-Load (rpm)	10000 ~ 30000	8000 ~ 30000
Process Range H2O (mL)	10 ~ 40000 (H2O)	0.1 ~ 250 (H2O)
Input / Output Power (W)	500 / 320	220V, 50 Hz / 130W
Contact Material	316L Stainless Steel / PTFE	316L Stainless Steel
Dimensions (W x L x H in mm)	70 x 70 x 225	n.a.
Order No. for EU/UK-Plug (220V)	1710500-E/UK	1710130-E/UK

Flapping Homogenizer

- Leading microprocessor technology for flap control
- Adjustable flapping speed for the HG400V and the HG400VW (5 – 8 times / sec)
- Working time can be set on continuous or between 1 sec and 10 min
- Maintenance-free brushless DC motor
- Stainless steel housing with plastic coating
- Easy to clean working chamber
- The HG400 and the HG400W employ digital setting and display of the working time

Specifications

Model / Order No.	Door Design	Flapping Speed	Capacity Range
HG400	Stainless Steel Door	Fixed to 8 Times / Sec	50 - 400 mL
HG400V	Stainless Steel Door	Adjustable Between 5 And 8 Times	50 - 400 mL
HG400W	SS-Door With Observation Window	Fixed to 8 Times / Sec	50 - 400 mL
HG400VW	SS-Door With Observation Window	Adjustable Between 5 And 8 Times	50 - 400 mL



*Rotor not included on order. Range of suitable rotors on next page.

**Rotor included on order. Please choose suitable rotor on next page.