

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



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



Specifications

Model	D-130**	D-500*
Speed with Zero-Load (rpm)	8000 ~ 30000	10000 ~ 30000
Process Range H2O (mL)	0.1 ~ 250 (H2O)	10 ~ 40000 (H2O)
Input / Output Power (W)	220V, 50 Hz / 130W	500 / 320
Contact Material	316L Stainless Steel	316L Stainless Steel / PTFE
Dimensions (W x L x H in mm)	n.a.	70 x 70 x 255
Order No.	1710130	1710500

Digital High Speed Homogenizer

- Quick assembly and dismantling
- Intelligent feedback and control technology to maintain optimal emulsification results
- Smooth and stable 500W motor with low noise emission
- Employs soft start function
- No sudden speed change
- LED display for easy speed setting and monitoring
- Seamless speed setting between 500 and 30.000 rpm
- Intelligent speed control system which adjusts to changes in viscosity
- Housing specifically designed for maximum noise oppression
- Quick and easy shaft assembly and dismantling
- Standard shaft with sawtooth design for faster results
- Suitable for up to 2000 ml samples
- Housing made of 316L stainless steel with chemical resistant coating
- PTFE bearing inside
- High temperature and high pressure sterilization possible

Model	D-500D
Speed Range (rpm)	500 – 30.000
Process Volume Range (ml)	0.05 – 2.000
Motor Power (W)	500
Contact Material	316L Stainless Steel / PTFE
Noise Emission	66 dB at 25.000 rpm / 72 dB at 30.000 rpm
Protection Class	IP20
Dimensions (L x D x H in mm)	170 x 102 x 255
Order No.	1710500D

