

Handheld Homogenizer D-130



Features

- Use for mixing, emulsification, dispersing or chopping.
- Practical solutions answer for small samples.
- Easy to hold and light weight for one hand operation.
- Autoclavable stainless steel shafts. Inert to aggressive solutions.
- All shafts are interchangeable shafts and are easily removed for cleanup.
- High speed motor. Speed control from 8,000 to 30,000 rpm.

Applications

- General homogenization applications (dispersion and emulsification)
- Homogenizing of tumor tissue sample, for research of diverse tissue diseases
- Fast dissolving of pills, sugar-coated tablets for quality control purposes
- Sample preparation for subsequent extraction of pharmaceutical agents (API)
- Cell disruption, RNA / DNA isolation from tissue
- Dispersion of small quantities from plants, animals or human tissue
- Solving of solid materials



Specifications

Model	D-130
Order No.	1710130
Speed range with zero-load [rpm]	8000~30000
Sample volume H ₂ O [ml]	0.1~50 / 1~250
Power [W]	130
Dispersing shaft	DS-130/5, DS-130/7, DS-130/10, DS-130/14
The wet part for dispersing shaft	316L stainless steel and PTFE
Dimensions without dispersing shaft (W x H x D)[mm]	60 × 70 × 240
IP code	IP30
Weight [kg]	1
Power supply	110V/60Hz or 230V/50~60Hz


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Shaft for D-130



Model	DS-130/5	DS-130/7	DS-130/10	DS-130/14
Length	90mm	160mm	150mm	170mm
Rotor Diameter	5mm	7mm	10mm	14mm
Volume Range	0.1-50ml	0.3-50ml	1-250ml	2-250ml

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