

Homogenizer



Application:

D-160 can be used in bio-pharmaceuticals, genetic research, tissue destruction, fragmentation, cytoplasmization, pathological analysis, nano-material dispersion, polymerization, ink coatings, fine chemicals, pesticides, prospecting, environmental protection, energy and other fields.

Features:

- * Lightweight design, handheld and can be operated with one hand.
- * The application of different dispersing heads is suitable for liquid samples of 0.1-250ml.
- * High-quality 316L stainless steel dispersing head, corrosion-resistant, high-temperature sterilization.
- * The dispersing head is easy to disassemble and clean; high-speed and high-efficiency motor.
- * The speed is adjustable in 10 gears, and the speed range: 8000-32000rpm.

Components of Dispersing Shaft:



Optional Accessories:

Cat. No.	Combination Stator + Rotor	Model	Working Volume (ml)	Diameter of Stator	Diameter of Rotor	Min. / Max. Immersion Depth	Application
18900113	DS-160/5	D-160	0.1~50	5mm	3mm	7/50mm	Small amounts of solid-liquid mixtures
18900114	DS-160/10		1~250	10mm	6mm	10/120mm	

Technical Parameters:

Model	D-160
Item No.	8034111000
Recommended Configuration	Package 1: D160 drive, H370 Stand, DS-160/5 shaft, volumes from 0.1-50ml Package 2: D160 drive, H370 Stand, DS-160/10 shaft, volumes from 1-250ml
Speed Range	8000-32000rpm
Max. Circum. Speed	6.3-14m/s
Speed Control	10 stage
Working Volume (H ₂ O)	0.1-50ml (Dispersing shaft DS-160/5) 1-250ml (Dispersing shaft DS-160/10)
Max. Viscosity	5000mPa·s
Material of Dispersing Shaft	SS316 & PTFE seal ring
Noise	≤72dB
Ambient Temp.	0-40°C
Relative Humidity	85%RH
Protection Type	IP20
Consumption	160W
Motor Type	AC carbon brush motor
Power Supply	AC110/220V±10%, 50/60Hz(Customizable)
Standard Accessory	Base stand + DS-160/5 dispersing shaft Or Base stand + DS-160/10 dispersing shaft
External Size(W*D*H)	45*55*190 mm
Package Size (W*D*H)	470*240*250mm
Gross Weight	4kg