

Homogenizer



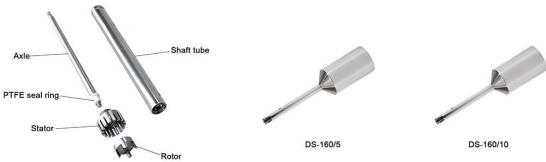
Application:

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:



Technical Parameters:

Model	D-160/5	D-160/10
Item No.	8014111000	8014121000
Recommended Configuration	D160 drive, H370 Stand, DS-160/5 shaft, volumes from 0.1~50ml	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℃	
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	Base stand+DS-160/10 dispersing shaft
External Size(W*D*H)	45*55*190mm	
Package Size (W*D*H)	470*240*250mm	
Gross Weight	4kg	

Accessories Description:

Cat. No.	Combination Stator + Rotor	Model	Working Volume (ml)	Diameter of Stator	Diameter of Rotor	Min. / Max. Immersion Depth	Application
18900543	DS-160/5	D-160/5	0.1~50	5mm	3mm	7/50mm	Small amounts of solid-liquid mixtures
18900544	DS-160/10	D-160/10	1~250	10mm	6mm	10/120mm	