

Homogenizers

D-160

Handheld Homogenizer

Features:

- Ideal for manual operation due to its light weight and ergonomic design
- Processing range: 0.1-50mL or 1-250mL
- 316L stainless steel shafts are fully autoclavable and inert for highly corrosive solutions
- All shafts are interchangeable for easy dismantling and cleaning.
- 6 modes of motor speed from 8,000 to 30,000 rpm



Specifications

Power Supply
Motor Type Universal motor
Speed Range
Max. Circum. Speed
Speed Control Dial knob
Working Volume [H ₂ O]
Max. Viscosity
Material of Dispersing Shaft
Weight
Dimension [L x W x H]
Noise
Operating Environment
Protection Class

D-500

Homogenizer

Features:

- Viscosity up to 10,000 mPas
- 6 modes of motor speed from 10,000 to 30,000 rpm
- All-round safety guarantee for motor drive, overload protection and smooth operation
- 316L stainless steel shafts are fully autoclavable and inert for highly corrosive solutions
- Easy dismantling for fast preparation
- All shafts are interchangeable for easy dismantling and cleaning

D-160	D-500
110-120V/60Hz 220-240V / 50-60 Hz	110-120V/60Hz 220-240V/50-60 Hz
160 W AC carbon brush motor	500 W AC carbon brush motor
8000-30000rpm	10000-30000rpm
6.3-14m/sec	22.7-36m/sec
6 stage	6 stage
0.1-50mL (Dispersing shaft DS-160/5)	10-40000mL (Optional)
1-250mL (Dispersing shaft DS-160/10)	
5,000mPas	10,000 mPas
SS 316L stainless steel, PTFE	SS 316L stainless steel, PTFE
0.6 kg	1.3 kg
46mm x 55mm x 230mm	70mm x 70mm x 255mm
72 dB(A)	79 dB(A)
0-40°C, 85% rel. humidity	0-40°C, 85% rel. humidity
IP20	IP20

