

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



6 shift adjustable



Wide range of accessories



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-160

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

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-500

110-120V/60Hz 220-240V/50-60 Hz
500 W AC carbon brush motor
10000-30000rpm
22.7-36m/sec
6 stage
10-40000mL (Optional)
10,000 mPas
SS 316L stainless steel, PTFE
1.3 kg
70mm x 70mm x 255mm
79 dB(A)
0-40°C, 85% rel. humidity
IP20