

D-160
HANDHELD HOMOGENIZER



DESCRIPTION

D-160 handheld homogenizer rapidly sample processing of small amounts and volumes from 0.1 mL to 50 mL. Practical, portable, and ergonomic design for easy use and greater comfort. Wide speed range provides optimal homogenization. Ideal device for different procedures such as DNA extraction, solution mixing, cell, tissue, and plant disruption, etc.

TECHNICAL PARAMETERS

SPEED RANGE	MOTOR TYPE
8,000 to 30,000 rpm	AC carbon brush motor
WORKING VOLUME (H₂O)	MOTOR INPUT POWER
0.1 to 50 mL	160 W
MAXIMUM VISCOSITY	PROTECTION CLASS
5,000 mPa·s	IP20
ROTOR SPEED	DIMENSIONS
6.3 to 14 m/s	46 x 55 x 230 mm
SPEED CONTROL	WEIGHT
6 stages	0.6 kg
NOISE	POWER SUPPLY
72 dB	110-120V, 60 Hz
MATERIAL OF DISPERSING ELEMENT	
316L stainless steel, PTFE	

KEY FEATURES

- 316L stainless steel dispersing element is fully autoclavable, easy to dismantle and clean.
- Lightweight with ergonomic design ideal for manual operations.
- Includes small holder with clamp to keep it fixed while not in use.
- Excellent speed control allowing homogenize samples in manner efficient.

STANDARD ACCESSORIES

- Support stand with clamp
- Allen wrench
- Dispersing element

