



HOMOGENIZER BHMS-110

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HANDHELD HOMOGENIZER



Portable, lightweight with ergonomic design ideal for manual operations
Processing volumes from 0.1-50 mL or 1-250 mL
Variable speed from 8,000 to 32,000 rpm
316L stainless steel shafts are fully autoclavable
Interchangeable shafts for easy dismantling and cleaning

SPECIFICATIONS

Model	BHMS-110
Speed range	8000-32000rpm
Max linear velocity	6.3, 10, 14 m/sec
Speed level	10 stage
Working volume [H ₂ O]	0.1-50mL (Dispersing shaft DS-160/5)1-150mL (Dispersing shaft DS-160/7)1-250mL (Dispersing shaft DS-160/10)
Max. viscosity	5,000mPas
Material of Dispersing Shaft	SS 316L stainless steel, PTFE
Noise Level	72 dB(A)
Protection class	IP20
Voltage, Frequency	110-120V/60Hz220-240V/50-60Hz
Power	160W
Motor Type	AC carbon brush motor
Dimension [WxDxH]	45mm x 55mm x 190mm
Weight	0.54 kg
Permissible ambient temperature and humidity	0-40°C, 85%RH
Alt Name	Handheld Homogenizer

ITEMS INCLUDED

No	Name	Description
1	shaft	Volume: 0.1-50 mL Max. Circum. Speed: 6.3 m/s Material: 316L stainless steel Application: small amounts of solid-liquid mixed Function: dispersing tool for solid/liquid media
2	shaft	Volume: 1-250 mL Max. Circum. Speed: 14 m/s Material: 316L stainless steel Application: small amounts of solid-liquid mixed Function: dispersing tool for solid/liquid media

3	shaft	Volume: 1-150 mL Max. Circum. Speed: 10 m/s Material: 316L stainless steel Application: small amounts of solid-liquid mixed Function: dispersing tool for solid/liquid media
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APPLICATIONS

Designed for rapidly homogenizing, emulsifying, suspending and disrupting biological samples like tissue of animal, bacteria, yeast, plant samples, etc. in liquids. Ideal for samples from 0.1 mL to 250 mL depending on shaft chosen.



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