



# ANALOGUE HOMOGENISER, H-1

## Code ZHB005

The Nahita H-1 analog homogenizer stands out for its modern and efficient design, combining high output power with a fast operating speed and easy handling in the laboratory. Its ultra-fine homogenizing head is designed to achieve high linear speed thanks to its powerful motor, enabling intense shear force in the liquid as well as high-frequency mechanical effects. Thanks to the strong centrifugal force, samples are subjected to thousands of cutting, tearing, and mixing cycles per minute, ensuring fast and effective homogenization.



**Application:** Ideal for research, product development, quality control, and educational processes.



**Speed:** Adjustable range from 5,000 to 35,000 rpm with 6 speed levels.



**Capacity:** Handles volumes from 0.5 to 250 mL.



**Structure:** Stand, double clamp, and base made of black aluminum.



**Accessory:** Includes a Ø10 mm paddle suitable for volumes from 5 to 250 mL.



Code	ZHB005
Model	H-1
Type	Model with cable power supply
Speed Range	5000-35000 rpm
Speed Adjustment	Uniform adjustment, 6 speed levels
Total Capacity	0.5-250 ml
Included Paddle	Ø10 mm (for volumes 5-250 ml)*
Paddle Material	Stainless Steel 316
Ambient Temperature/Humidity	5-40°C/ 80% HR
Continuous Operating Time	≤ 10 min
Power Supply	220vAC - 50Hz
Consumption	160 W
Dimensions	Ø 50 x 350 mm
Weight	850 g

\*Consult for other optional palettes.

### Accessories for ZHB005:

- Made of 316 stainless Steel

Code	Shaft Diameter	For Volumes
ZHD017	10 mm	5-250 mL
ZHD018	8 mm	1-100 mL
ZHD019	6 mm	0.5-50 mL