

HAND HELD HOMOGENIZER

ALS-INS015



DESCRIPTION

The ALS-INS015 Hand Held Homogenizer is a versatile laboratory device designed for the efficient homogenization of diverse sample types, including tissue, plant material, food, and soil. This compact, ergonomically designed homogenizer is optimized for single-hand operation, making it suitable for applications requiring precise and controlled sample processing.

KEY FEATURES

- Compact and Lightweight:** Designed for easy, one hand operation, allowing users to work comfortably and efficiently in limited spaces.
- Adjustable Speed Control:** Equipped with a digital speed display and adjustable settings for precise control to prevent sample splashing.
- Versatile Application:** Ideal for the homogenization and dispersion of small sample volumes in compact containers, making it adaptable to various laboratory needs.
- Durable Dispersing Head:** Made of high-quality stainless steel, the dispersing head resists corrosion, withstands high temperatures, and can be disinfected, ensuring longevity and reliability.
- Easy Maintenance:** The dispersing head is easily detachable, facilitating quick and thorough cleaning after each use.
- Powerful Motor:** Features a high-speed, high-efficiency motor designed for extended use, ensuring consistent performance and long life.
- Optional Accessories:** Available with an adjustable Hype stand, offering adjustable height and angle for convenient storage and operation.

TECHNICAL SPECIFICATIONS

Model	ALS-INS015HH
Speed Range	8Krpm ~32Krpm (1Krpm Increment)
Rotor Line Speed	6.3m/sec ~ 14m/sec
Working Noise	72dB
Voltage	AC 220V, 50Hz
Power Input/Output	160W / 110W
Dimension (WxDxH)	46 × 55 × 230 mm

SPEED RANGE ADJUSTMENT

Speed Gear	Speed Range
1-2	8000-14000 r/min
3-4	15000-19000 r/min
5-6	200000-23000 r/min
7-8	24000-28000 r/min
9-10	29000-32000 r/min

ACCESSORIES

Cat #	Handling Capacity	Dia. of Outer Head	Min/Max Dipping Depth	Material
ALS-INS015A	0.5 - 50ml	5 mm	20-90 mm	Stainless steel
ALS-INS015B	1 - 100ml	7 mm	20-107 mm	Stainless steel
ALS-INS015C	1 - 250 ml	10 mm	20-110 mm	Stainless steel