

# Hand Held Homogenizer IG-MT30K



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# ABOUT THE COMPANY

iGene Labserve Pvt. Ltd. is gaining recognition by offering resilient, innovative solutions in laboratory instrumentation across healthcare, genomics, drug discovery, biopharma, and food & beverage sectors. We strive to enhance lab efficacy and reduce challenges through advanced technologies and a diverse product portfolio tailored to our customers' needs.

## SPECIFICATIONS

Model	IG-MT-30K
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 x 55 x 230 mm

## HAND HELD HOMOGENIZER IG-MT30K

The IG-MT30K 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.

## 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 H-type stand, offering adjustable height and angle for convenient storage and operation.

## SPEED RANGE ADJUSTMENT

Speed Gear	Speed Range
1-2	8000-14000 r/min
3-4	15000- 19000 r/min
5-6	20000-23000 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
IG-MT 30K-A	0.5 – 50ml	6 mm	20-90 mm	Stainless steel
IG-MT-30K-B	1 – 100ml	10 mm	20-107 mm	Stainless steel
IG-MT-30K-C	1 – 250 ml	12 mm	20-110 mm	Stainless steel



A



B



C



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