

# MINI HAND-HELD HOMOGENIZER



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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.

## MINI HAND-HELD HOMOGENIZER

A mini handheld homogenizer is a compact, portable device that mixes, emulsifies, or breaks down substances in laboratory settings. Its primary purpose is to ensure a uniform mixture by reducing particle sizes or breaking down cells and tissues, making it essential for preparing samples for analysis. Unlike larger, benchtop homogenizers, mini handheld models are lightweight, easy to handle, and suitable for small-scale or on-the-go applications. The applications are Sample Preparation, Cell Lysis and Tissue Homogenization, Emulsification and Blending & Educational Labs etc.



## KEY FEATURES

### 1. Compatibility with Standard Lab Equipment:

Designed specifically to fit 1.5 ml centrifuge tubes, allowing for efficient and precise sample grinding. This feature is ideal for labs that routinely handle small sample volumes.

### 2. Versatile Pestle Options:

Comes equipped with both metal and plastic pestles, enabling it to handle a wide variety of samples, including both animal and plant tissues. The availability of these pestles makes them adaptable for different sample types and experimental needs.

### 3. Durable and Safe Aluminium Alloy Body:

Constructed with a non-slip aluminium alloy body, ensuring a secure grip and stable operation. The non-slip design increases user safety and control during high-speed homogenization.

### 4. Lightweight, Flexible, and Compact Design:

The device is light in weight, flexible, and compact, making it easy to manoeuvre and ideal for labs requiring portable equipment. Its compact build saves bench space and makes it convenient for on-the-go sample processing.

### 5. High-Quality Stainless Steel Grinding Pestle:

Features a stainless-steel grinding pestle that is resistant to wear, easy to disassemble, and capable of withstanding high-temperature sterilization. This durability and sterility ensure long-term use, supporting sample integrity across applications.

## TECHNICAL SPECIFICATIONS

Model	IG-L13K Homogenizer
Speed range	13000rpm
Working noise	50dB
Battery non-loaded working time	2 hours
Battery	AA battery X 1
Voltage	With AA batteries
Dimension (WxDxH)	38 x 32 x 200 mm
Net weight	0.18 kgs





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