

High-Speed Homogenizer



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MSCI10KSWISS Homogenizer

Introduction

The **MSCI10KSWISS Homogenizer** is a versatile and high-performance device designed for various scientific and industrial applications, including:

- Genetic research
- Tissue homogenization and cytoplasmization
- Fragmentation and pathological analysis
- Nano-material dispersion and polymerization
- Ink coatings and fine chemical processing
- Environmental protection and energy research

Key Features

? **Ergonomic & Lightweight Design** – Handheld and easy to operate with one hand.

? **Wide Processing Range** – Compatible with liquid samples from **0.2 ml to 30,000 ml**.

? **Premium-Grade Material** – 316L stainless steel dispersing head, offering **corrosion resistance** and **high-temperature sterilization** capabilities.

? **Easy Maintenance** – Quick disassembly and effortless cleaning.

? **High-Speed Efficiency** – Equipped with a powerful **high-speed motor** for superior performance.

Technical Specifications

Parameter	Details
Speed Range	10,000 – 34,000 rpm
Processing Volume	0.2 – 30,000 ml
Standard Accessories	Work stand, Standard Work Head (30G)

Parameter	Details
Power Consumption	1050W
Power Supply	AC 110/220V $\pm 10\%$, 50/60Hz
External Dimensions (W×D×H)	320 × 210 × 680 mm
Package Dimensions (W×D×H)	650 × 360 × 180 mm
Net/Gross Weight	9.5 kg / 10 kg

Optional Dispersing Heads

Various dispersing heads are available to suit different sample volumes and viscosities:

Model	Processing Volume	Applicable Viscosity
6G	0.2 – 10 ml	<100 CP
8G	10 – 60 ml	<100 CP
10G	30 – 150 ml	<1000 CP
18G	50 – 1500 ml	<5000 CP
18F	50 – 1500 ml	<5000 CP
25G	100 – 5000 ml	<8000 CP
25F	100 – 5000 ml	<8000 CP
30G	200 – 25,000 ml	<10,000 CP
30F	200 – 20,000 ml	<10,000 CP
30J-Q	1000 – 30,000 ml	<10,000 CP
30J-X	1000 – 30,000 ml	<10,000 CP