High-Speed Homogenizer

Model **MSCI10KSWISS** | Brand **Master Science**



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...

KEY HIGHLIGHTS

- Ergonomic & Lightweight Design
- Wide Processing Range
- Premium-Grade Material
- Easy Maintenance
- High-Speed Efficiency

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Overview

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

Key Features

ENVIRONMENTAL PROTECTION AND ENERGY RESEARCH

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	SPECIFICATION
ParameterDetails	
Speed Range10,000 – 34,000 rpm	
Processing Volume0.2 – 30,000 ml	
Standard AccessoriesWork stand, Standard Work Head (30G)	
Power Consumption1050W	
Power SupplyAC 110/220V ±10%, 50/60Hz	
External Dimensions (W×D×H)320 × 210 × 680 mm	
Package Dimensions (W×D×H)650 × 360 × 180 mm	
Net/Gross Weight9.5 kg / 10 kg	

Standard Accessories Included

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

Optional Accessories

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