



Tissue Homogenizer Rechargeable

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Darsun Scientific Tissue Homogenizer- Rechargeable

DS – 0160B

Product Overview

The DS-0160B Handheld Homogenizer is a compact, lightweight, and versatile laboratory instrument designed for efficient **cell disruption**, **tissue homogenization**, and **emulsification**. With a high-speed range of **5,000–30,000 rpm** and **7 adjustable speed levels**, it provides flexible processing for a wide variety of laboratory samples.

FEATURES

Product Features

- Portable and lightweight, suitable for different experimental environments.
- Built-in rechargeable lithium battery, suitable for handheld operation outdoors or in the laboratory.
- Optional adjustable workbench frees your hands and is suitable for long-term sample processing.
- Depending on sample processing capacity, dispersing probes can be selected for **0.1–150 ml**.
- Roulette-style speed knob with **7 adjustable levels**, suitable for different sample types.
- Dispersing probe made of **316L stainless steel**, offering corrosion resistance and high-temperature sterilization capability.

Application

- **Daily Chemical Industry** – Emulsification and uniform mixing of cosmetic, personal-care, and chemical formulations.
- **Paper Industry** – Sample preparation and homogenization for testing and quality-control processes.

Technical Specifications

Parameter	Specification
Model	DS-0160B
Power	32 W
Speed Range	5,000–30,000 rpm
Speed Level	7 levels
Dispersing Probe Material	SS316L stainless steel, PTFE
Sample Capacity	0.1–50 mL / 50–150 mL
Weight	0.45 kg
Input	12 V, 2 A

Uses

- Tissue Sample Preparation** – Homogenizes biological tissues for laboratory analysis and testing.
- DNA & RNA Extraction** – Helps break down tissue samples for efficient nucleic acid extraction.
- Protein Analysis** – Produces uniform tissue lysates for protein extraction and analysis.
- Pharmaceutical Research** – Useful for drug development, tissue studies, and pharmacological research.
- Biotechnology & Life Sciences** – Suitable for cell disruption and preparation of biological samples.
- Clinical & Diagnostic Research** – Supports preparation of tissue samples for biochemical and molecular testing.
- Animal & Plant Tissue Studies** – Can be used for homogenizing various biological tissue samples