

PurpleCore™

Handheld Tissue Grinder

- Designed for grinding samples directly inside 1.5 ml centrifuge tubes
- Includes interchangeable grinding pestles (metal and plastic) compatible with both animal and plant materials
- Constructed using durable aluminium alloy with a smooth, anti-slip finish
- Lightweight and portable design for convenient operation
- Equipped with two rechargeable lithium batteries for extended working duration
- Protective splash guard helps minimize liquid spillage during use
- Stainless steel grinding rod can be detached easily and sterilized at high temperatures



Description:

This compact handheld tissue grinder is specially designed for laboratory sample preparation. It operates using a rechargeable battery system, making it convenient and portable for daily lab applications. The device is commonly used for processing various biological specimens such as animal tissues, plant materials, tumor samples, roots, leaves, flowers, fruits, microbial cultures, algae, and food samples for grinding and homogenization purposes.

Grinding Pestle Options

- Stainless steel grinding pestle
- Disposable plastic grinding pestle



Technical Specifications

Specification :	
Product Code	PBI019
Idle Speed	11,000 rpm
Battery	3.7V, 18650 lithium battery
Stainless Steel Pestle Size	Length: 7 cm, pestle tip: Φ3.2 mm, pestle head: Φ6.6 mm
Plastic Grinding Pestle Size	Length: 7.3 cm, pestle tip: Φ3 mm, pestle head: Φ6.6 mm
Battery Charging Time	Approximately 4~6 hours
Operating Duration	Around 5~8 hours depending on load
Dimension	L168 × D26 mm
Weight	0.2 kg



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