

PurpleCore™

Tissue Homogenizer-Power Plug-in

- Six adjustable speed levels with a maximum speed of 32,000 rpm
- Comfortable horseshoe-style grip with convenient speed adjustment switch
- Lightweight handheld design suitable for stand-mounted or manual operation
- High-speed 316L stainless steel dispersion probe with excellent corrosion resistance and sterilization capability
- Double-insulated construction for improved operational safe



Description:

Handheld tissue homogenizers are commonly used for blending and processing solid, semi-solid, and non-water-soluble samples. They are suitable for applications in pharmaceuticals, biotechnology, cosmetics, food testing, agriculture, and laboratory research. These devices are ideal for sample mixing, cell disruption, protein extraction, emulsification, and related laboratory procedures.

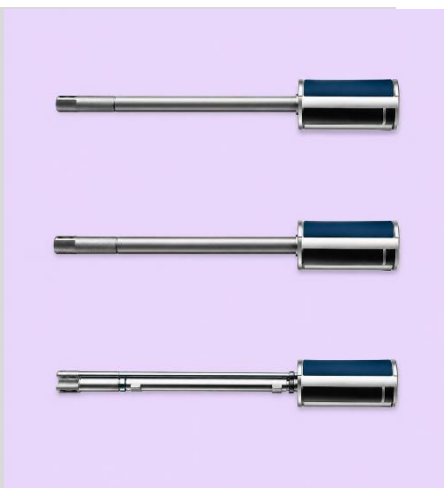


Key Features:

Adjustable Support Stand

Designed for hands-free operation to improve convenience during experiments.

- Made with durable stainless-steel components
- Adjustable clamp size for flexible positioning
- Height can be modified as needed
- Detachable structure for easy handling and storage

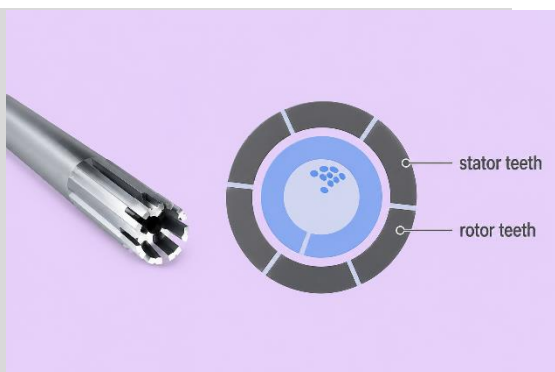


Probe Options

- 0.1~50 ml Probe
- 50~150 ml Probe
- 100~250 ml Probe

Multiple Dispersion Probes

Three different dispersing probes are available, manufactured from corrosion-resistant 316L stainless steel. Suitable for use with tubes, beakers, and other laboratory containers.



Working Mechanism

The sample is pulled into the rotor-stator system at high speed, where it is rapidly cut, mixed, and homogenized to achieve efficient sample processing.

APPLICATIONS:



Technical Specifications

Specification :	
Product Code	PBI021
Power	160 W
Speed Range	8,000 ~32,000 rpm
Speed setting level	6 Levels
Dispersion Material	SS316L Stainless Steel, PTFE
Sample Capacity	0.1~50 ml / 50~150 ml / 100~250 ml
Dimensions (with stand)	L300 × W240 × H370 mm
Weight	0.54 kg
Power Supply	110V/60Hz; 220V/50Hz



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