



Omni Micro

Tissue homogenizer

The μHb Micro Homogenizer is a hand-held battery powered rotor-stator homogenizer designed for use inside or outside of a laboratory setting. The μHb is powered by 12 volt lithium ion battery that provides operating speeds from 10,000 to 35,000 rpm for rapid homogenization of samples in volumes from <200 μL to 100 mL.

The μHb is an ideal solution for field based homogenization procedures involving the processing of tissues, faeces or soft plant material. Compatible with stainless steel generator probes from 5 mm to 10 mm or disposable 7 and 12 mm Omni Tip™ plastic generator probes for customers concerned with cross contamination. Hybrid generator probes are also available for applications requiring the durability of stainless steel with the convenience and cleanliness of plastic probes.

Specifications

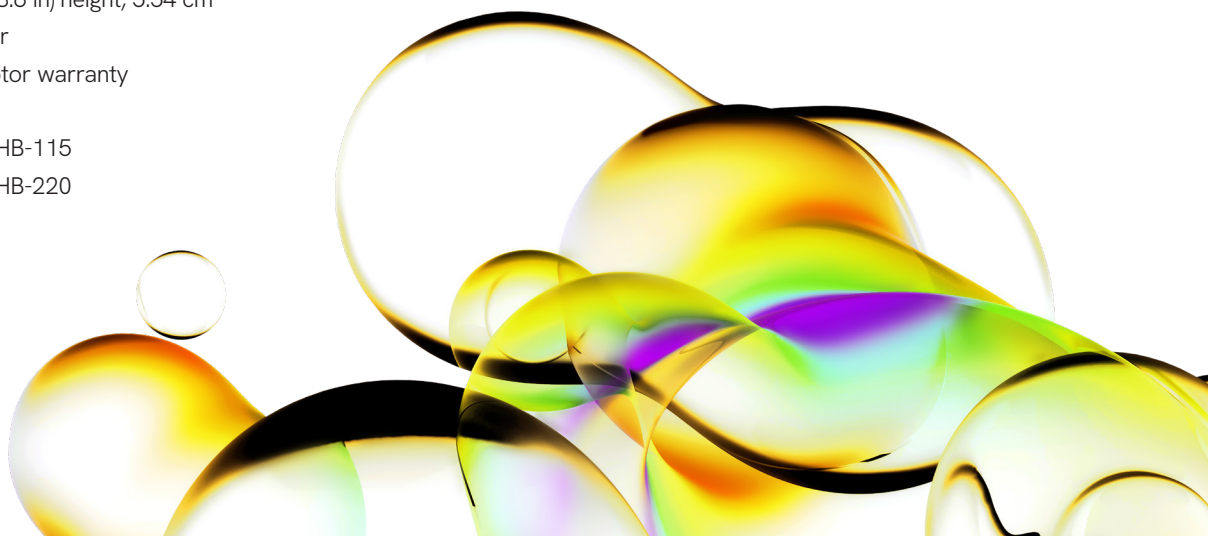
- **Processing Range:** <200 μL to 100 mL
- **Speed:** Continuously variable from 10,000 to 35,000 rpm
- **Motor:** High performance 12 Volt motor
- **Dimensions:** 21.8cm (8.6 in) height, 5.54 cm (2.18 in) max. diameter
- **Warranty:** 1 year motor warranty

115V - Order number UHB-115

120V - Order number UHB-220

Key features

- Powerful cordless 12 Volt motor
- Light weight portable homogenizer
- ¼ turn quick connect coupling
- Compatible with Omni Tip™ plastic and stainless steel generator probes



Omni Stainless Steel Generator Probes

Omni's Stainless Steel Generator Probes come with PTFE upper and lower bearings. The entire probe can be autoclaved, or easily disassembled for cleaning. Optional Stainless steel upper bearings extend bearing life but are not autoclavable.

- With 5 mm probe** - Order number B5-075
- With 7 mm probe** - Order number B7-110ST
- With 10 mm probe** - Order number B10-110ST



Patented Omni Tip™ plastic disposable generator probes

Proprietary Omni Tip probes are engineered from durable plastics and are so economical they can be disposed of after each use to eliminate cross-contamination during homogenization. The outer tube of Omni Tips is made of polycarbonate. The inner shafts are made of Ultem 1000, a polyetherimide. 12 mm Omni Tips are suitable for homogenization where sample size or sample hardness dictates that processing with the 7 mm tip is prohibitive.

The Omni Tips™ patented design eliminates the hassle of disassembly and maintenance of traditional stainless steel generators.

A selection of our best-selling plastic probes			
Omni Tips 7mm Soft Tissue Probes		Quantity	Order no.
	Omni Tips plastic homogenizing probes	25 pack	30750
	Omni Tips plastic homogenizing probes	50 pack	32750
	Omni Tips plastic homogenizing probes	100 pack	34750
Omni Tips 7 mm Hard Tissue Probes		Quantity	Order no.
	Omni Tips plastic homogenizing probes	25 pack	30750H
	Omni Tips plastic homogenizing probes	50 pack	32750H
	Omni Tips plastic homogenizing probes	100 pack	34750H
	Sterile Omni Tips plastic homogenizing probes	25 pack	30750H-S
Omni Tips 12 mm Hard Tissue Probes		Quantity	Order no.
	Omni Tips plastic homogenizing probes	25 pack	301250
	Omni Tips plastic homogenizing probes	50 pack	321250
	Omni Tips plastic homogenizing probes	100 pack	341250

