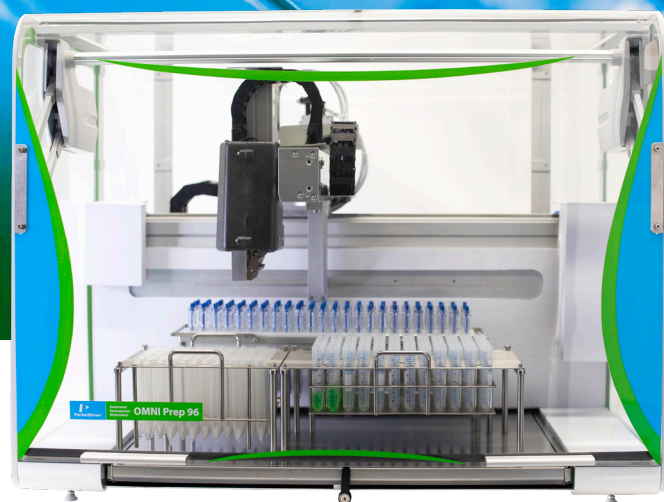


# AUTOMATED HIGH-THROUGHPUT HOMOGENIZATION

## OMNI Prep 96 Automated Homogenizer Workstation

Sample preparation is an integral step of any analytical procedure. The complexity and diversity of samples can make testing a challenge, especially at the very beginning of your process where homogeneity matters. Whatever your sample we've got you covered.

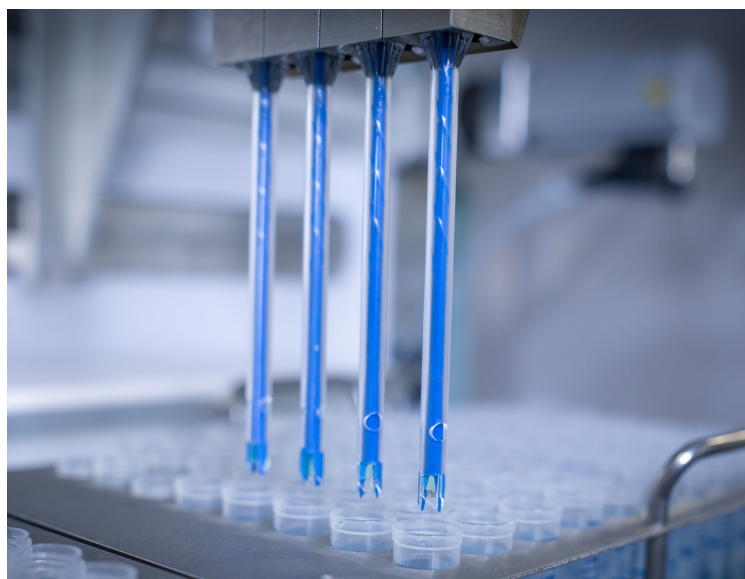
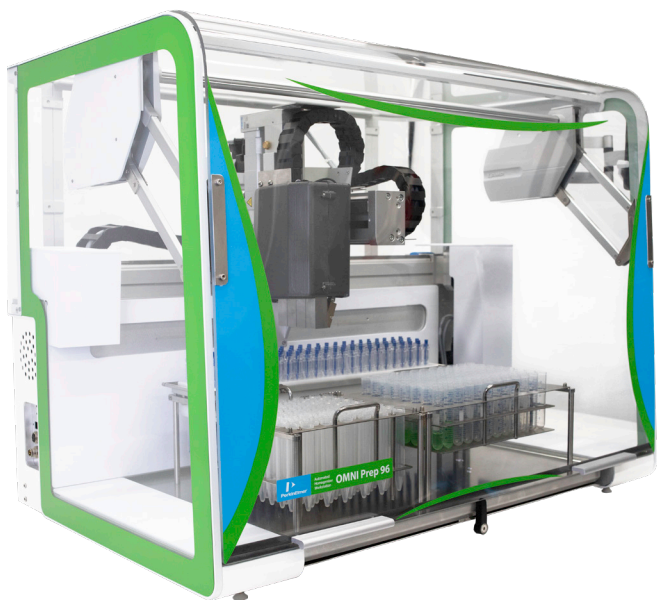
The OMNI Prep 96 is a fully automated homogenization workstation, enabling true walk-away processing in your lab. As market consolidation continues and pressure mounts to keep costs low, it is necessary to rely on efficiency and predictability in your workflows. You can count on us and our technology to deliver. Our automation for sample prep enables lower costs per sample, more traceability, and better reproducibility.



## HIGHLIGHTS

- Automated homogenization of up to ninety six samples
- Eliminates cross contamination and carry over
- Integrates with liquid handling systems and automated workflows
- Robust, reliable industrial motors and controls
- Reproducible, error free results

For research use only. Not for use in diagnostic procedures.



The small footprint fits into most bio-safety cabinets and fume hoods. User-friendly programming makes saving, recalling, or changing existing methods easy. OMNI patented Whisper Drive Technology™ with brush-less motors delivers maintenance-free, ultra-quiet, maximum processing power.

## Specifications

Processing Range	250 µL to 40 mL
Sample Racks	5, 14, 15, 30 and 50 mL
Sample Capacity	24 to 96 Samples
Programming	Local control via touch screen HMI
Motor Power Rating	100 Watts
Speed Control	500 to 28,000 rpm
Dimensions	37.5 in. (w) x 25.5 in. (d) x 28.7 in. (h) 95.2 cm (w) x 64.8 cm (d) x 72.9 cm (h)
Weight	125 lbs. (57 kg)
Sound Level	< 75 db
Certification	TUV, NRTL, CE, UKCA, RCM, KCC, FCC Part 15
Power Supply	100-230 VAC, 50/60 Hz

## Features

- Process volumes from 250 µL to 40 mL in 5 mL to 50 mL tubes
- Create and save customized methods in the intuitive software
- Unique oscillating motion to ensure complete homogenization
- Variable speed from 500 – 28,000 rpm
- Compatible with 7 mm plastic OMNI Tips™
- Robust, reliable industrial motors and controls

The OMNI Prep 96 homogenizer was designed to provide automated homogenization using the same generator probe movement as a manual handheld homogenizer operated by a laboratory technician. During processing the motor heads are capable of both vertical and horizontal intra-tube movement to maximize sample contact with the generator probes in order to ensure complete homogenization.



Part Number	Decsription	Qty
51-02A-1	Prep 96 Automated Homogenizer (No Accessories)	1
51-BRA-1006-J02	Modular Deck Adapter for Tip Rack for Clean Probes	1
23-HWA-22	Tip Rack for Clean Probes	1
23-HWR-11-JA	Modular Deck Adapter for Standard Sample Racks	1
23-HWR-18	Sample Rack 96 x 5 mL Tubes 8 x 12 Format	1
23-HWR-11	Sample Rack 96 x 14 mL Tubes 8 x 12 Format	1
23-HWR-14	Sample Rack 96 x 15 mL Tubes 8 x 12 Format	1
23-HWR-13	Sample Rack 24 x 30 mL Tubes 4 x 6 Format	1
23-HWR-12	Sample Rack 24 x 50 mL Tubes 4 x 6 Format	1
51-HWA-23S4	SBS Sample Rack Holder 4 Positions	1
23-HWR-18SBS	SBS Sample Rack 12 x 5 mL Tubes	1
23-HWR-11SBS	SBS Sample Rack 12 x 14 mL Tubes	1
23-HWR-14SBS	SBS Sample Rack 12 x 15 mL Tubes	1
23-HWR-13SBS	SBS Sample Rack 4 x 30 mL Tubes	1
23-HWR-12SBS	SBS Sample Rack 4 x 50 mL Tubes	1
23-HWR-28	Sample Rack with Passive Cooling 96 x 5 mL Tubes	1
23-HWR-21	Sample Rack with Passive Cooling 96 x 14 mL Tubes	1
23-HWR-24	Sample Rack with Passive Cooling 96 x 15 mL Tubes	1
23-HWR-23	Sample Rack with Passive Cooling 24 x 30 mL Tubes	1
23-HWR-22	Sample Rack with Passive Cooling 24 x 50 mL Tubes	1
23-HWA-13B-JA	Modular Deck Adapter for Tip Rack for Dirty Probes	1
23-HWA-13B	Tip Rack for Dirty Probes	1
19-6615	Replacement Disposal Tubes for Dirty Probe Tip Rack	100
51-BRA-1020	Dirty Probes Disposal Bin	1
30750H	Hard Tissue Omni Tip™ Plastic Homogenizing Probes	25
32750H	Hard Tissue Omni Tip™ Plastic Homogenizing Probes	50
34750H	Hard Tissue Omni Tip™ Plastic Homogenizing Probes	100
35750H	Hard Tissue Omni Tip™ Plastic Homogenizing Probes	500
3M750H	Hard Tissue Omni Tip™ Plastic Homogenizing Probes	1000
19-6605-500	5 mL Tubes with Snap Caps	500
19-6614-500	14 mL Tubes with Screw Caps	500
19-6615	15 mL Tubes with Screw Caps	100
19-6615-500	15 mL Tubes with Screw Caps	500
19-6635	30 mL Tubes with Screw Caps	100
19-6635-500	30 mL Tubes with Screw Caps	500
19-6650	50 mL Tubes with Screw Caps	100





## OMNI Tips™ Plastic Disposable Probes

The OMNI Tips' patented design eliminates the hassle of disassembly and maintenance of traditional stainless steel generator probes. Proprietary OMNI Tip™ Probes are available in soft tissue (disaggregation) and hard tissue (frozen) versions. Engineered from durable plastics, OMNI Tips™ probes are reusable (autoclavable) and are so economical they can be disposed of after each use to eliminate cross contamination. The outer tube of OMNI Tips™ probes is made of Lexan 144R, a polycarbonate. The inner shafts are made of Ultem™ 1000, a polyetherimide. The OMNI Tips'™ patented design eliminates the hassle of disassembly and maintenance of traditional stainless-steel generators.



## Hybrid Probes

The OMNI Tip™ Hybrid Probes combine the convenience of disposable plastic probes with the durability of traditional stainless-steel probes. Hybrid probes are made up of an outer stainless-steel tube with an inner Ultem™ plastic shaft. The plastic shafts can either be disposed of after use or cleaned and reused multiple times. The simple two-piece design makes these probes much easier to clean and disassemble than traditional stainless-steel probes.



## Stainless Steel Probes

OMNI's stainless-steel probes available in 5, 7 and 10 mm diameters are ideal for larger sample volumes, larger initial sample tissue sizes, and tougher tissue types. Stainless steel probes offer superior resistance to most organic solvents commonly used during homogenization.



CONTACT YOUR SALES REPRESENTATIVE TO  
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