



OMNI  
INTERNATIONAL

The Homogenizer Company™



# Omni Mixer Series Homogenizers

*Homogenizing tough  
samples for over 50 years*



# Omni Mixer Series Homogenizers

**Omni Mixer** and **Omni Macro Homogenizers** offer the perfect mix of dependability, versatility and power. Available accessories make them flexible enough to process a wide variety and volume of samples.



A product line with  
multiple applications

## Omni's Mixer series is utilized worldwide for processing:



- > Bulk vaccine products
- > Processing fruits & vegetables
- > Plant homogenization for environmental testing
- > Petroleum by-products & waste
- > Mixing anesthetics for research
- > Lotions & oil emulsions
- > Culinary use — featured in *Modernist Cuisine*
- > Animal tissue
- > Paper pulp processing
- > Paint, ink and dye application

## < Omni Mixer

600 watt homogenizer

ORDER NO. 17105

Processing Range: 0.25 mL to 10 L

Generator Probes: 7, 10, 20, 32, 35, 45, 55 mm

Blade Assemblies: 1" and 2"  
in sealed chambers

Power Rating: 600 watt

Speed: Variable from 500 to 20,000 rpm

Dimensions (with stand): 24" H x 10" W

Weight: 9.5 kg (21 lbs.)

Sound Level: <68 db

Warranty: 3 year motor warranty



## Omni Macro 1,800 watt homogenizer

ORDER NO. 17505

Processing Range: 0.25 mL to 30 L

Generator Probes: 7, 10, 20, 32, 35, 45, 55 mm

Blade Assemblies: 1" and 2" in sealed chambers

Power Rating: 1,800 watt

Speed: Variable from 1,000 to 20,000 rpm

Dimensions (with stand): 24" H x 10" W

Weight: 9.5 kg (21 lbs.)

Sound Level: <68 db

Warranty: 3 year motor warranty



## Omni Macro ES

1,800 watt digital, programmable,  
homogenizer

ORDER NO. MES-115

Processing Range: 0.03 mL to 50 L

Generator Probes: 7, 10, 20, 32, 35, 45, 55 mm

Blade Assemblies: 1" and 2" in sealed chambers

Power Rating: 1,800 watt

Speed: Variable from 1,000 to 20,000 rpm, soft  
start, 0.5% accuracy

Programs: 12 programs with 12 time and speed  
steps, including ramping function

Interface: RS-232 and windows software

Dimensions: 34.5" max

Weight: 14.5 kg (32 lbs.)

Sound Level: <68 db

Warranty: 3 year motor warranty

Compliance: CE approved





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The versatile **Omni Mixer Line** offers a wide variety of accessories for all of your processing needs.



### Micro-Homogenizer Attachment (MHA)

- > Converts your OmniMixer, OmniMacro or Digital MacroES into a Micro-Sample Homogenizer
- > Sample volume ranges from 0.5 to 5 mL with your choice of either a Stainless Steel or Nylon Insert Chamber



### Aerosol Sealed Stainless Steel Chamber Assemblies

- > Fluted to enhance flow
- > Polished interior to facilitate cleaning
- > Available in 316 L stainless steel
- > Compatible with generator probes and cutting blade assemblies
- > Available in 50 mL, 200 mL and 400 mL sizes



### Aerosol Sealed Glass Chamber Assemblies

- > Rectangular shape to enhance flow
- > Not recommended for substances that may cause breakage
- > Compatible with generator probes and cutting blade assemblies
- > Available in 50 mL, 200 mL, 473 mL, and 946 mL sizes



### Aerosol Sealed Plastic Chamber Assemblies

- > Process sample in a centrifuge tube without need to transfer a second container
- > Compatible with generator probes and cutting blade assemblies
- > Available in 50 mL, 200 mL, 473 mL and 946 mL sizes

> For more information —  
**omni-inc.com**

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### Stainless Steel Generator Probes

- > Wide variety of diameters and lengths
- > Flat bottom or saw tooth models for different sample types
- > Available in 7mm, 10mm, 20 mm, 35 mm, 45 mm and 55 mm diameter sizes