



## HO-400 Series Laboratory Homogenizer

- Powerful 850-watt motor processes samples up to 5 L
- Digital programmable speed and time controls for better repeatability
- Use as a handheld unit or post-mount to optional stand for hands-free operation
- Accepts either stainless steel rotor-stator generators or disposable plastic probes
- 3-year warranty





## HO-400 Series Laboratory Homogenizer

With an 850 watt motor, the HO-400 homogenizer is not only powerful but provides maximum versatility being able to process virtually any sample, from tissue homogenization, cell disruption, emulsions, suspensions to protein extraction. Digital control ensures accuracy and repeatability; selected speeds are accurate to  $\pm 100$  rpm. The digital control system also incorporates a timer which can be set from seconds to minutes and features a 30 second countdown timer, ideal for remote applications in fume hoods or biosafety cabinets.

The HO-400 can either be handheld for quick processes or securely stand mounted with a direct connection to the stand. Soft start also ensures smooth processing without splashing.

The HO-400 homogenizer accommodates a selection of stainless steel probes for larger samples, and also our disposable polycarbonate probes for when cross-contamination is of concern. If necessary disposable probes can be easily dismantled and autoclaved up to seven times.

Unit includes clamp, cross rod, and a tool kit for dismantling the rotor stator generator probes for easy cleaning. Order probes and stand separately.

### Specifications

Model no.	HO-400
Motor	850 watt
Control	Digital
Timer	1 s - 10 min with 30 s start delay
Speed control	5,000 to 25,000 rpm
Processing range	0.2 to 5000 mL
Sound level	72 dB
Item weight	1.6 kg (3.5 lb)
Dimensions (L x Ø)	21.6 x 7.0 cm (8.5 x 2.8 in)
Warranty	3 years

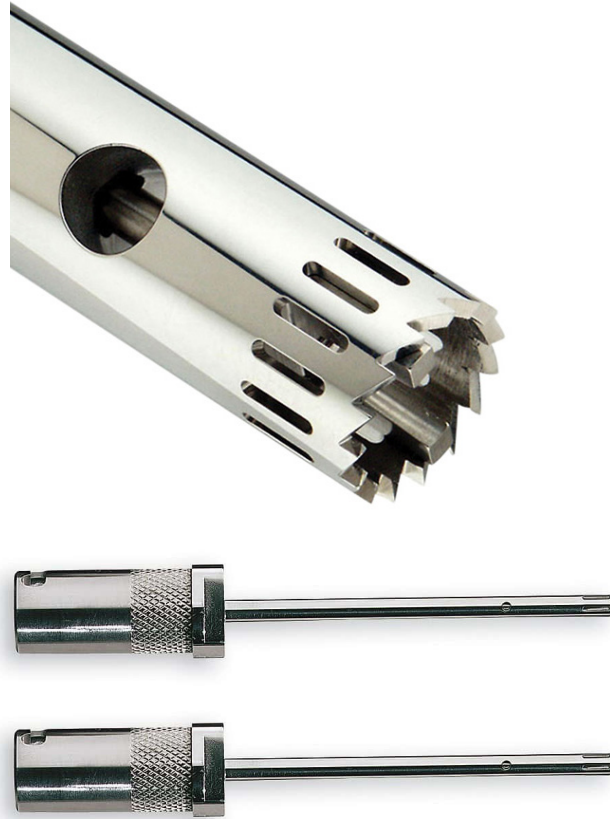
### Ordering Information

Description	Item no.	Series no.	Model no.	Legacy SKU
Laboratory homogenizer, 110 VAC, 60 Hz, US plug	04727-28	HO-400	HO-400D-110	SHM3
Laboratory homogenizer, 220 VAC, 50 Hz, UK & Euro plug	04727-29	HO-400	HO-400D	SHM3

# HO-400 Series Laboratory Homogenizer

## Accessories

Description	Item no.
Stainless steel probe, flat bottom, 75 x 5 mm	04727-60
Stainless steel probe, flat bottom, 75 x 5 mm, coarse	04727-62
Stainless steel probe, flat bottom, 195 x 30 mm	04727-33
Stainless steel probe, flat bottom, 195 x 30 mm, coarse	04727-35
Stainless steel probe, saw tooth, 115 x 7 mm	04727-37
Stainless steel probe, saw tooth, 115 x 7 mm, coarse	04727-39
Stainless steel probe, saw tooth, 115 x 10 mm	04727-41
Stainless steel probe, saw tooth, 115 x 10 mm, coarse	04727-43
Stainless steel probe, saw tooth, 195 x 20 mm	04727-45
Stainless steel probe, saw tooth, 195 x 20 mm, coarse	04727-46
Plastic tip probe, 110 x 7 mm, hard tissue; 25/pk	04727-84
Plastic tip probe, 110 x 7 mm, hard tissue; 50/pk	04727-85
Plastic tip probe, 110 x 7 mm, soft tissue; 25/pk	04727-86
Plastic tip probe, 110 x 7 mm, soft tissue; 50/pk	04727-87
Plastic tip probe, sterile, 110 x 7 mm; 25/pk	78904-80
Hybrid stainless steel/plastic probe, 110 x 7 mm	78904-78
Replacement shaft for hybrid probe 78904-78	78904-79
Stand assembly with support rod	04727-89



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