

OMNI GLH 850

General Laboratory Homogenizer

The GLH 850 is an affordable, high performance instrument capable of processing virtually any laboratory sample in seconds. A powerful 850 watt motor provides maximum versatility for homogenizing, dispersing or emulsifying the largest variety of sample types and sizes in its class. The GLH 850 features an advanced, integrated, push button digital control system that ensures accuracy and repeatability. The unit's closed loop variable speed controller (5,000 - 25,000 rpm) maintains selected speeds within +/- 100 rpm of the original set point. The digital timer can be set from seconds to minutes, and includes a 30 second countdown timer, which is ideal for remote applications in fume hoods or biosafety cabinets. A soft start feature ensures smooth processing and minimizes splashing.

The GLH 850 is compatible with a wide range of interchangeable stainless steel rotor stator generator probes (sold separately), from 5 mm to 30 mm diameter, and processes samples ranging from <200 μ L to 5 liters. Stainless steel probes are constructed of quality materials for durability, and are easy to disassemble for cleaning. Omni Tips™ plastic disposable generator probes are available to completely eliminate the risk of carryover and cross contamination between samples. (adapter required).

Processing Range:

200 μ L to 5 L

Speed: Variable from

5,000 to 25,000 rpm

Power Rating:

850 watt max

Compliance:

CE approved

Timer:

to 9:59

Warranty:

2 year warranty

Includes:

- 850 Watt Motor (115V)- **Order No. 20-010**
(220V)- **Order No. 20-020**
- Cross Rod and Stand Clamp
(lab stand sold separately - Order No. S1000)



Stainless Steel Probes



Size	Processing Range	Type	Particle Size	Order No.
5 mm x 75 mm	.020 mL - 5 mL	Flat Bottom	Fine	G5-75
7 mm x 115 mm	.25 mL - 30 mL	Saw Tooth	Fine	G7-115ST
		Saw Tooth - Wide Window	Coarse	G7-115STW
10 mm x 115 mm	1.5 mL - 100 mL	Saw Tooth	Fine	G10-115
		Saw Tooth - Wide Window	Coarse	G10-115W
20 mm x 195 mm	100 mL - 2 L	Saw Tooth	Fine	G20-195ST
		Saw Tooth - Wide Window	Coarse	G20-195STW
30 mm x 195 mm	200 mL - 5 L	Flat Bottom	Fine	G-30NA-195
		Flat Bottom - Wide Window	Coarse	G-30WA-195

Omni Tips™ Plastic Probes

Proprietary Omni Tip™ Probes are available in both soft tissue (deaggregation) and hard tissue (frozen) versions. Engineered from durable plastics, Omni Tips™ 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™ 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. Treatable volume - 250 µL to 30 mL.

Note: A1000SB adapter is required for Omni Tip™ use on Omni GLH 850.



HARD TISSUE	Quantity	Order No.
7 mm x 110 mm	25 Pack	30750H
7 mm x 110 mm	50 Pack	32750H
SOFT TISSUE		
7 mm x 110 mm	25 Pack	30750
7 mm x 110 mm	50 Pack	32750
Adapter	1	A1000SB (required for plastic probes)

GLH 850 Package

The Omni GLH 850 package includes: 850 watt motor, 10 mm x 115 mm Saw Tooth Stainless Steel Generator Probe, 20 mm x 195 mm Saw Tooth Stainless Steel Generator Probe, 30 mm x 195 mm Flat Bottom Stainless Steel Generator Probe, tool kit, instruction manual, cross rod, and motor stand assembly.

Order No. (115V) 20-010-P
(220V) 20-020-P

10 mm

20 mm

30 mm



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