

MaxiBlend®

VERSATILE LAB SCALE BLENDER

GlobePharma's MaxiBlend® Lab Blender offers blending capabilities from 2g to 8kg. It's compact and versatile design includes optional variable speeds, intensifier bar drive and our innovative, Sift-N-Blend®, patented design.

The MaxiBlend® is available with several interchangeable vessels from 0.5qt through 16.0qt. We offer v-shell, bin and double cone options.

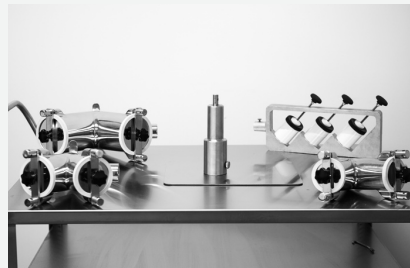
Our Bottle Blending Attachments, large and small, allow for uniform blending of small volumes from a vial to a gallon container.

The MaxiBlend® touchscreen controls are user friendly and allows for multiple blending segments with individual speed, time and intensifier bar settings.

GlobePharma's MaxiBlend® Lab Blender is CE Compliant.



MaxiBlend® Lab Blender with v-shell and custom cart.



Blend In Progress				
	RPM	Min	Sec	Pause
Shell	26	5	0	
I-Bar	0			
Shell	26	2	30	
I-Bar	2500			
Shell	26	2	0	
I-Bar	0			
Elapsed Time				
Minutes				6
Seconds				57
				Pause
				Stop

Features

- Interchangeable 316SS Vessels from 0.5, 1.0, 2.0, 4.0, 8.0 and 16.0 qt.
- V-shells, Bins and Double Cones
- High Speed Intensifier Bars, 316SS, for all 4, 8, & 16 qt vessels
- Patented Sift-N-Blend® compatible
- Touchscreen HMI
- Stainless Steel Enclosure
- Variable Speed Vessel Drive 3-25 RPM
- Variable Intensifier Bar Drive 100-3450 RPM
- Integrated Safety Mechanisms
- CE Compliant

MaxiBlend[®] LAB BLENDER

SPECIFICATIONS

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DESCRIPTION	SPECIFICATION
Blender Vessel Working Volumes	V-shells: 0.5, 1.0, 2.0, 4.0, 8.0 and 16.0 quarts (Liters) Sq Bins and Double cones: 1.0, 2.0, 4.0, 8.0 and 16.0 quarts (Liters)
Vessel Capacities	Vessel volumes are working capacities in liquid quarts and are 60% of the total Vessel volume, with usual batch variations of $\pm 10\%$ with an intensifier bar, or $+ 10\%$ and -30% for tumble-only blending.
Blender Vessel Speed	Variable Speed Version: 3-25 rpm Note: Blender can be configured to a preferred fixed speed between 3-25 RPM at the time of PO.
Intensifier Bar Speed (Applicable Models)	Variable Speed Version: 100 to 3450 rpm Note: Blender can be configured to a preferred fixed speed between 100-3450 RPM at the time of PO.
Peripheral Speed at the Tip of Blades on the Liquid-Solids Intensifier Bar	3,300 ft/min (1006 m/min)
Peripheral Speed at the Tip of Blades on the Pin Intensifier Bar	1,700 ft/min (520 m/min)
MAXIMUM BLENDED POWDER DENSITY	SPECIFICATION
16 - quart Intensifier Bar Model	125 lbs/cu. Ft (2 kg/L)
4 & 8 - quart Intensifier Bar Models	140 lbs/cu. Ft (2.25 kg/L)
4, 8 & 16 - quart Pin Intensifier Bar Models	200 lbs/cu. Ft (3.2 kg/L)
4, 8 & 16 - quart without Intensifier Bar Models	200 lbs/cu. Ft (3.2 kg/L)
BLENDER ELECTRICAL DESCRIPTION	SPECIFICATION
Controls	Touchscreen HMI with PLC
Vessel Drive Motor	0.5HP, 230/460V, 60Hz, 3 Phase
Intensifier Drive Motor	0.5HP, 230/460V, 60Hz, 3 Phase

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Variable frequency drive	0.5 HP, 120/230V, 1 Phase
Machine Serial Tag	110-120V/230V, 1 Phase, 50/60Hz, 10 Amps
BLENDER DIMENSIONS	SPECIFICATION
Blender Dimensions with Safety Guard	31" L x 39" W x 26.5" H
Blender Cart Dimensions	28" W x 46" L x 34" H
MATERIALS OF CONSTRUCTION	
COMPONENT	MATERIAL SPECIFICATION
Drive Station Housing	304 Stainless Steel enclosure
Safety Enclosure	Polycarbonate
V-shell, Bin and Double Cone Vessels	316 Stainless Steel
V-shell, Bin and Double Cone Vessels Gaskets	White Nitrile Rubber and Silicone Rubber Translucent, FDA Approved
Intensifier Bars, Liquid-Solid & Pin	316 Stainless Steel
Sift-N-Blend Assembly	316 Stainless Steel
Extension to use 0.5, 1 & 2 Qt vessels and small bottle blending attachment	304 Stainless Steel
Small Bottle Blending Attachment	Aluminum Casting
Large Bottle Blending Attachment	304 Stainless Steel
Cart	304 Stainless Steel