

GP HSG 1-6

VERSATILE HIGH SHEAR GRANULATOR

The GP HSG 1-6 from GlobePharma is a bench top high shear granulator. It is our most versatile granulator with multiple interchangeable bowls, both jacketed and standard, of 0.5L, 1L, 2.0L, 2.5L, 4.0L, 5.0L and 6.0L. Each bowl includes the corresponding main impeller, chopper and lid. The main impeller is a 3-blade design. the side entry chopper assembly is standard for all sizes. It is designed for mixing, wet granulation and pelletization of pharmaceutical powders.

The GP HSG 1-6's touchscreen HMI, includes visual representations of the current process. The basic unit is equipped with variable speed drives on both the impeller and chopper for infinite adjustment of speed across the entire speed range. If selected, the liquid addition system is included in the controls.

All the product contact parts are made of 316 SS and the enclosure is made of 304 SS and can be cleaned easily. GlobePharma's GP HSG 1-6 is designed for use on both a table top top or mounted on our custom cart with an adjustable shelf and non-marking casters. This unit has a safety interlocked acrylic guard.



GP 1-6 HSG High Shear Granulator

Features

- Interchangeable 316SS Bowls, jacketed and standard of 0.5L, 1L, 2.0L, 2.5L, 4.0L, 5.0L & 6.0L. working capacities.
- All bowls include the 3-blade designed main impeller and side mounted chopper
- Liquid Addition system is optional and can be controlled by the user interface,
- Touchscreen HMI with user friendly controls.
- Stainless Steel Enclosure
- Integrated magnetic safety switches.
- Acrylic Safety Guard

GP HSG 1-6

SPECIFICATIONS

DESCRIPTION	SPECIFICATION
Bowl Sizes	<input type="checkbox"/> 0.5 Liter Bowl with safety lid (Mixer and chopper Assembly) <input type="checkbox"/> 1 Liter Bowl with safety lid (Mixer and chopper Assembly) <input type="checkbox"/> 2 Liter Bowl with safety lid (Mixer and chopper Assembly) <input type="checkbox"/> 2.5 Liter Bowl with safety lid (Mixer and chopper Assembly) <input type="checkbox"/> 4 Liter Bowl with safety lid (Mixer and chopper Assembly) <input type="checkbox"/> 5 Liter Bowl with safety lid (Mixer and chopper Assembly) <input type="checkbox"/> 6 Liter Bowl with safety lid (Mixer and chopper Assembly) Optional: <input type="checkbox"/> 0.5 Liter Jacketed Bowl with safety lid (Mixer and chopper Assembly) <input type="checkbox"/> 1 Liter Jacketed Bowl with safety lid (Mixer and chopper Assembly) <input type="checkbox"/> 2 Liter Jacketed Bowl with safety lid (Mixer and chopper Assembly) <input type="checkbox"/> 2.5 Liter Jacketed Bowl with safety lid (Mixer and chopper Assembly) <input type="checkbox"/> 4 Liter Jacketed Bowl with safety lid (Mixer and chopper Assembly) <input type="checkbox"/> 5 Liter Jacketed Bowl with safety lid (Mixer and chopper Assembly) <input type="checkbox"/> 6 Liter Jacketed Bowl with safety lid (Mixer and chopper Assembly)
Mixer Drive Speed	Variable Speed Version: 100-750 RPM
Chopper Drive Speed	Variable Speed Version: 200-2400 RPM
GRANULATOR ELECTRICAL DESCRIPTION	SPECIFICATION
Controls	Touchscreen HMI with PLC
Mixer Drive Motor	0.3 HP, 220V, 3 Phase, 50/60 HZ
Chopper Drive Motor	0.25 HP, 220V, 3 Phase, 50/60 HZ
Machine Serial Tag	208-230V, 1 Phase, 60 Hz, 6 amps
GRANULATOR DIMENSIONS	SPECIFICATION
HSG 1-6 Dimensions with Safety Guard	22" H x 22" W x 33" D
MATERIALS OF CONSTRUCTION	
COMPONENT	MATERIAL SPECIFICATION
Mixer	316 Stainless Steel
Chopper	316 Stainless Steel
Bowl	316 Stainless Steel
Feed Chute	316 Stainless Steel
Bowl Safety lid	Polycarbonate
Lid Gasket	BUNA-N-Rubber, FDA Approved
Machine Base Frame	304 Stainless Steel