

GP HSG 5

COMPACT HIGH SHEAR GRANULATOR

GlobePharma's GP HSG 5 is a table-top, lab scale, high shear granulator. The GP HSG 5 offers multiple interchangeable bowls, both jacketed and standard, of 1L, 3L and 5L. Each bowl includes the corresponding main impeller, mount and lid. The main impeller is a 3-blade design. The 3L is a tulip shaped design. Our optional high speed chopper assembly is available for all sizes.

The GP HSG 5's user friendly HMI, PLC controlled system, includes visual representations of the current process while providing distinct controls for both the chopper and impeller. 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. The bowl and chopper assemblies include integrated magnetic safety mechanisms. GlobePharma's GP HSG 5 works both on the bench top or mounted on our custom cart with an adjustable shelf and non-marking casters.



GP HSG 5 High Shear Granulator



Features

- Interchangeable 316SS Bowls, jacketed and standard of 1.0L, 3.0L tulip design, and 5.0L working capacities.
- All bowls include the 3-blade designed main impeller
- Optional high speed chopper assembly
- Touchscreen HMI with user friendly controls.
- Stainless Steel Enclosure
- Integrated magnetic safety switches.
- Optional liquid addition system

GP HSG 5

SPECIFICATIONS

DESCRIPTION	SPECIFICATION
Bowl Sizes	<input type="checkbox"/> 1 Liter Bowl with safety lid (Mixer and chopper Assembly) <input type="checkbox"/> 3 Liter Bowl with safety lid (Mixer and chopper Assembly) <input type="checkbox"/> 5 Liter Bowl with safety lid (Mixer and chopper Assembly) Optional: <input type="checkbox"/> 1 Liter Jacketed Bowl with safety lid (Mixer and chopper Assembly) <input type="checkbox"/> 3 Liter Jacketed Bowl with safety lid (Mixer and chopper Assembly) <input type="checkbox"/> 5 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: 500-6000 RPM
GRANULATOR ELECTRICAL DESCRIPTION	SPECIFICATION
Controls	Touchscreen HMI with PLC
Mixer Drive Motor	0.5 HP, 220V, 1.75Amps, 50/60Hz
Chopper Drive Motor	0.25 HP, 220V, 1.75 Amps, 50/60 Hz
Machine Serial Tag	230V, 1 Phase, 60 Hz, 6 amps
GRANULATOR DIMENSIONS	SPECIFICATION
HSG 5 Dimensions	28" H x 26" W x 25" 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