



Control Functions

- Push Button Controls
- Power On/Off
- Start Process with Timer
- Variable Speed Motor Controls
- Discharge Port
- Clear Lid with funnel and sock filter
- Emergency Stop Push Button

MHS-6B Laboratory High Shear Granulator

Bottom Drive Main Impeller/Side Mounted Multi-Bladed Chopper

6 Liter Total Volume Product Bowl (2 and 4 liter interchangeable bowls optional)

GMP design for processing 0.75 to 2 kilos (6 liter bowl)

Type 316 Stainless Steel Product Contact Surfaces

Pharmaceutical Finish

Sanitary Design

Liquid Addition Hopper

Sock Dust Filter

Bench Top Mount

Manual Product Discharge Valve

Clear Plexiglas Lid

Dimensions 1000 x 500 x 1130 mm

Power requirements, 240V, 3 ph, 60 Hz, 8.3 amps, 3 HP

Service and spare parts provided from our facility

Technological expertise and testing for process optimization



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MHS-6B Specifications

Capacity	0.75 kilos to 2 kilos		
Voltage	240 V	3 Phase/Frequency Hz	60
Impeller Motor Power	1.5 Kw	Variable speed rpm	160-970
Chopper Motor Power	0.75 Kw	Variable speed rpm	540-3600
Compressed air for purging seals and discharge valve	60-90 psig	Consumption ft ³ /min	7.0
Noise	Less than 63 dB		
Dimension (LxDxH)	1000 x 500 x 1130 mm		
Net weight	270 Kg		

The unit is designed to sit on a work bench in the lab. It is compact and very useful for early development work.

Using engineering principles and current production technology, we designed this unit to be scalable to larger models. The shape of the bowl and a triple bladed main impeller with wing tips are key factors in scalability when operating the granulation process.



Interchangeable optional 2 and 4 liter bowls are available.



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