

CONE MILL 197

LAB SCALE MILL

GlobePharma's GP Cone Mill 197 is designed for lab scale conical milling. Each unit includes one screen and one impeller. The on-caster design affords the user portability throughout any facility. Our newest model includes a touchscreen HMI to control the variable speed impeller, and a new tri-clamp connected feed chute.

The GP Cone Mill 197 incorporates the same process advantages of larger overdriven mills and can be easily scaled up. Constructed of 316SS contact parts and a 304SS frame this mill allows milling of both wet and dry powders. Users can select from a variety of various style screens and impellers for their optimal operation. All product contact parts meet highest GMP standards.

There are several safety interlocked features to protect the end user during operation.



GP Cone Mill 197



Features

- Conical milling with interchangeable screens and impellers.
- Numerous screen and impeller options
- Results scale directly to larger overdriven mills
- Tri-clamp feed chute
- Processes wet or dry products
- Stainless Steel frame with 316SS Product contact parts
- Touchscreen HMI
- Variable frequency drive with speed indication
- Washdown compliant

CONE MILL 197

SPECIFICATIONS

| DESCRIPTION | SPECIFICATION |
|--------------------------------------|--|
| Types of Impellers | <input type="checkbox"/> 1601 - Round <input type="checkbox"/> 1609 - Knife |
| | <input type="checkbox"/> 1607 - Square <input type="checkbox"/> 1612-Square |
| Impeller Spacer Set | · 1.27 mm <input type="checkbox"/> 4.445 mm <input type="checkbox"/> 3.81 mm |
| | · 1.905 mm <input type="checkbox"/> 5.08 mm |
| | · 2.54 mm <input type="checkbox"/> 5.715 mm |
| | · 3.175 mm <input type="checkbox"/> 6.35 mm |
| | · 3.175 mm <input type="checkbox"/> 6.35 mm |
| Impeller Drive Speed | Variable Speed Version: 100-3200 RPM |
| MILL ELECTRICAL DESCRIPTION | SPECIFICATION |
| Controls | Touchscreen HMI with PLC |
| Impeller Drive Motor | 2HP/220V/60-50Hz/3 Phase |
| Variable frequency drive | 2HP/200V/60-50Hz/3 Phase |
| Machine Serial Tag | 220V, 3 Phase, 60 Hz, 10 amps |
| BLENDER DIMENSIONS | SPECIFICATION |
| Cone mill 197 Dimensions with Hopper | 48" H x 20" W x 35" D |
| MATERIALS OF CONSTRUCTION | |
| COMPONENT | MATERIAL SPECIFICATION |
| Impellers | 316 Stainless Steel |
| Screens | 316 Stainless Steel |
| Impeller Spacer Set | 316 Stainless Steel |
| Infeed Chute | 316 Stainless Steel |
| Discharge Chute | 316 Stainless Steel |
| Machine Base Frame | 304 Stainless Steel |