



### UDY Cyclone Sample Mill

The UDY Mill is designed for rapid uniform grinding of a wide variety of feeds, grains, fertilizers and forages with complete recovery of the sample and no thermal degradation. The air flow provides self cleaning action and minimum temperature rise. The Cyclone Mill is shipped complete with 3 collection bottles with snap caps, 2 hex wrenches, anti-static solution, clean-out brushes and 0.5mm screen. Also available is a forage cover, which permits feeding forages, leaves and wood chip samples directly into the mill without preliminary grinding. Net wt: 28 lbs, Actual dims: 10<sup>1</sup>/<sub>3</sub>" (L) x 10<sup>1</sup>/<sub>3</sub>" (W) x 18<sup>1</sup>/<sub>2</sub>" (H), Ship wt: 37 lbs, Ship dims: 15" (L) x 15" (W) x 20" (H).

- UDY Mill, 3/4HP, 110V, 50/60Hz, Joined Belt Drive..... **No. 3010SM/B**
- UDY Mill, 3/4HP, 220V, 50/60Hz, Joined Belt Drive..... **No. 3010SM/C**
- UDY Mill, with Forage Cover Included, 110V, 50/60Hz, Joined Belt Drive..... **No. 3010SM-F/B**
- UDY Mill, with Forage Cover Included, 220V, 50/60Hz, Joined Belt Drive..... **No. 3010SM-F/C**



### Sample Feed Controller

The Feed Controller introduces coarse sample material into the Cyclone Sample Mill. A 30–40 gram sample is poured into the hopper and is immediately conveyed, by a rotating screw, into the mill. Larger quantities (several pounds) may be handled by using a poly bag in place of the regular sample bottle. The switch has both a forward and reverse rotation control and a neutral or off position. Feed rate is 3 grams per second. The Feed Controller is designed to fit on all UDY Mills and can be installed without tools. Net wt: 3.3 lbs, Ship wt: 5 lbs, Ship dims: 10" (L) x 10" (W) x 6" (H).

- Sample Feed Controller, 13 RPM, 115V/60Hz (for Soybeans)..... **No. 3010FC/B**
- Sample Feed Controller, 53 RPM, 115V/60Hz..... **No. 3010FCS/B**
- Sample Feed Controller, 42 RPM, 220V/50Hz..... **No. 3010FC/C**

### Accessories and Replacement Parts

Screens are available in steel and stainless steel with a range of sizes from .25mm to 3.00mm

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|---|--------------------|--|--------------------|
| Screen Steel, 1.00mm.....                                       | <b>No. 30-0302</b> | Air Outlet Filter Assembly.....          | <b>No. 30-0307</b> |
| Screen Steel, 2.00mm.....                                       | <b>No. 30-0318</b> | Air Outlet Filter Media.....             | <b>No. 30-0308</b> |
| Screen Stainless Steel, 0.5mm.....                              | <b>No. 30-0499</b> | Joined Belts (Set of 2).....             | <b>No. 35-0433</b> |
| Plastic Collection Bottle, 150ml.....                           | <b>No. 35-0463</b> | Impeller Aluminum Finished.....          | <b>No. 30-0316</b> |
| Glass Collection Bottle, 120ml (36 per Case).....               | <b>No. 35-0390</b> | Copper Grinding Ring.....                | <b>No. 30-0335</b> |
| Collection Bottle Kit (2ea Glass 120ml & 1ea Plastic 150ml).... | <b>No. 30-0387</b> | Forage Cover with Gasket and O-Ring..... | <b>No. 30-0367</b> |



### Stein Mill

The Stein Mill is a powerful, high speed grinder extractor for lab use. The mill features a direct top drive 1/2HP motor with a speed of approximately 15,000 RPM, 700 watt, no load. The cutter blade is machined cast aluminum with carbide cutting surface. The cutter blade and shaft are easily accessible and may be washed and dried quickly without removal from the mill. The blade may be removed and replaced when dulled. It also includes a 15 minute automatic reset timer with auto cut-off safety feature. Usable Cup Capacity - grinding solids: 20cc–500cc. Blending solids and liquids: 40cc–400cc. **Cup Size: 3<sup>1</sup>/<sub>2</sub>" x 3<sup>5</sup>/<sub>8</sub>".** **No. M2/B:** Net wt: 26 lbs, Actual dims: 19" (H), Ship wt: 52 lbs, Ship dims: 17" (L) x 17" (W) x 24" (H), Shipped in a wooden crate.

- Stein Mill, 1/2HP, 110V, 60Hz..... **No. M2/B**
- Stein Mill, 1/2HP, 220V, 50Hz..... **No. M2/C**
- Replacement Cup..... **No. 196**
- Replacement Blade, 1/2" Carbide Surface..... **No. 1975**
- Replacement Blade, 1" Carbide Surface..... **No. 1975-1**