

## 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. The air flow provides self cleaning action and minimum temperature rise. The UDY Mill is available in two different drive styles - joined belt drive or poly-flex belt drive (economically priced, same UDY quality). The Cyclone Mill is shipped complete with 3 collection bottles with snap caps, 2 hex wrenches, antistatic 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. Forage cover fits either mill. Dims. 10-1/3" L x 10-1/3" W x 18-1/2" H. Ship Dims. 13½" L x 13½" W x 16" H. Net wt 28 lbs, Ship wt 33 lbs.

Udy Mill, ¾HP, 110V, 60Hz, Joined Belt Drive .....	<b>No. 3010SM/B</b>
Udy Mill, ¾HP, 220V, 50Hz, Joined Belt Drive .....	<b>No. 3010SM/C</b>
Udy Mill, ¾HP, 115V, 60Hz, PolyFlex Belt Drive .....	<b>No. 3010-080</b>
Udy Mill, ¾HP, 230V, 50Hz, PolyFlex Belt Drive .....	<b>No. 3010-081</b>
Forage Cover with Gasket & O-Ring .....	<b>No. 30-0367</b>



## SAMPLE MILL FEED CONTROLLER

The Feed Controller introduces coarse sample material into the Cyclone Sample Mill. A 30 to 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.

Sample Feed Controller, 13 RPM, 115V/60Hz (for soybeans) .....	<b>No. 3010FC/B</b>
Sample Feed Controller, 53 RPM, 115V/60Hz .....	<b>No. 3010FCS/B</b>
Sample Feed Controller, 42 RPM, 220V/50Hz .....	<b>No. 3010FC/C</b>



## MILL ENCLOSURE

Cyclone Sample Mill Enclosures are the perfect choice for the professional lab. They are designed to contain dust internally and reduce noise. They can be used with your own external vacuum or with the built-in vacuum system. The cabinet measures 18" L x 22" W x 29" H and is constructed with 'see-thru' polycarbonate and polypropylene, which allows the user to see when the grinding is complete and is sturdy for a long life. The base of the cabinet incorporates a power strip for connecting the mill and the vacuum. The Mill Enclosure is available in 115V/60Hz only.

UDY Mill Enclosure, 115V, 60Hz without vacuum system .....	<b>No.35-0496</b>
UDY Mill Enclosure, 115V, 60Hz with 3/4HP vacuum system .....	<b>No.35-0497</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 1500 RPM, no load. The cutter blade is machined cast aluminum. 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 when resharpenering is necessary. Also includes an automatic timer with auto cut-off safety feature. Usable Cup Capacity - grinding solids: 20cc to 500cc. Blending solids and liquids: 40cc to 400dd. Cup Size: 3-1/2" x 3-5/8". Height: 19" Ship Wt. 40 lbs. Ship Dims 15" x 15" x 22".

Stein Mill, 1/2HP, 110V, 60Hz .....	<b>No. M2/B</b>
Transformer for 220V operation .....	<b>No. K24</b>
Replacment cup .....	<b>No. 196</b>
Replacment blade .....	<b>No. 197S</b>

