



### MAT-OSU ERGONOMIC INSPECTION STATION

The Ergo Seed Inspection Station helps seed analysts avoid the costly neck and back pains and serious arm and wrist problems that plague seed analysts who typically sit in stressful body positions. The inspection station enables analysts to work comfortably for hours, which can increase accuracy and productivity.

The basic Ergo station is supplied as follows: contoured front, independently adjustable rest for both right and left arms, easy access to controls, 2 storage drawers, white laminated plywood work surface, substantial plywood base with rigid stainless risers, and non-slip, vibration damping, closed cell rubber base pad. Base unit requires no power.

The Ergonomic Inspection Station can be customized to suit individual laboratory requirements with a choice of optic packages: Mantis, Leica Microscope, or video camera. To facilitate analysis, the Inspection Station can be supplied with two vibratory feeders with dual adjustable controls, a trough for bulk feeding, quick-change inspection trays and a positioning slide for the selected optics package. A choice of hand switch, foot switch and seed hoppers and inspection trays are available to fit your specific requirements. Call or write for specifications and prices. Basic Ergo Station, less accessories, Net Wt. 22 lbs., Ship Wt. 61 lbs, Actual Dims. 40" L x 12" W x 6" H, Ship Dims. 48" L x 16" W x 10" H.

Ergo Station, basic model, no accessories included, (no power required) .....	<b>No. ESS2000</b>
Ergo Station w/2 vibratory feeders, control, trough, quick-change inspection tray and positioning slide for optics package, 110V/60Hz .....	<b>No. ESS2001</b>
Ergo Station w/2 vibratory feeders, control, trough, quick-change inspection tray and positioning slide for optics package, 220V/50Hz .....	<b>No. ESS2002</b>
Mantis Head and Mount (as shown in photo), less lens .....	<b>No. ESS9100</b>
(Adapted for Leica Microscope or video camera instead of Mantis Head, upon request)	
Hand Switch with coiled cord .....	<b>No. ESS0008</b>
Foot Switch .....	<b>No. ESS0009</b>
Seed Hopper (contact us for specific sizes) .....	<b>No. ESS02XX</b>
Quick Change Inspection Trays (contact us for specific sizes) .....	<b>No. ESS03XX</b>



### MAT-OSU SINGLE DECK VIBRATORY SEPARATOR

The MAT-OSU Single Deck Separator, offered by Seedburo, is used in labs all over the world for handling small quantities of seed, which is not possible with specific gravity or other types of separators. Shipped with five (5) different deck surfaces, it is possible to separate even the most difficult seed pairs. Once the proper texture, slope and angle of deck are selected, the easy to read inclinometers clearly display the angles to assure repetitive separations. Vibration amplitudes can be set on the dual vibratory feeder control.

The Vibratory Separator is used for separating dodder from carrots, crimson clover, red clover and similar seeds. Also used for separating curly dock from blue grass and crimson clover, morning glory from soybean, pigweed from alfalfa and alyssum, sweet vernal grass from ryegrass, milled Bermuda grass from white clover and similar mixtures.

Standard equipment includes fully adjustable funnel style bulk feed hopper, which holds 500cc. Three 600cc stainless steel beakers for collecting the separated fractions, two Syntron brand vibratory feeders, which actuate the bulk feeder and seed deck. Five (5) decks with aluminum frame and deck plate as follows: canvas, micro cloth, 36 grit garnet, 50 grit AlOx and 80 grit AlOx. Dual digital counters to indicate the vibratory feeder control settings and polyurethane coated furniture grade plywood base with rubber vibration damping pad. Net Wt. 60 lbs, Ship Wt. 128 lbs. Actual dims 33" L x 16" W x 19" H, Ship Dims. 48" L x 19" W x 23" H.

Single Deck Vibratory Separator, 120V, 60Hz, 90 Watts .....	<b>No. SD1001</b>
Single Deck Vibratory Separator, 220V, 50Hz, 90 Watts .....	<b>No. SD1002</b>
Optional Hand Switch with Coiled Cord .....	<b>No. ESS0008</b>
Optional Foot Switch .....	<b>No. ESS0009</b>
1000cc Funnel Style Bulk Feed Hopper .....	<b>No. SD0270</b>
Optional Bare Aluminum Deck .....	<b>No. SD0100-B</b>
Optional Sand Blasted Aluminum Deck .....	<b>No. SD0100-SB</b>