

GRAVITY SEPARATOR

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LA-K



The LA-K gravity separator for laboratory use is designed for batch and continuous flow separation of small volumes of seed or grain, which have already been separated with regard to width, length, and thickness

The gravity separator exploits the smallest differences in the specific weight of a product and it is therefore possible to separate heavy kernels with high germination ability from light and less valuable kernels.

The gravity separator can also be used in laboratories for recycling or in chemical factories.

Continuous separation capacity based on wheat with max. moisture content of 14% is up to 100 kg/h.

The LA-K gravity separator offers the below features:

- Inlet hopper and vibrator feeder with start/stop and potentiometer.
- Eccentric shaft with tachometer with digital readout of the rpm.
- Adjustable stroke length, speed, air volume, and deck inclination.
- Exchangeable mantle.
- Collecting bins for waste and prime product.
- Motors.

The machine is of steel construction with the grading deck of laminated wood.

Options:

- *Outlet pipe connections for transport of material to box on the floor*
- *Extension for inlet hopper*
- *Fan motor with integrated frequency converter*
- *Aspiration hood above the deck*
- *Reduced deck*
- *Autotransformer for 110 V, 60 Hz*

LA-K

GRADING DECK – CM²

1570

MOTORS

1 x 230 V, 50 Hz

We provide valuable insights, so you can make qualified decisions

GRAVITY SEPARATOR LA-K

DISTINGUISHING ADVANTAGES:

- Inlet hopper and vibrator feeder for precise feed control and optimum grading of a wide range of products
- Highly efficient air system with built-in fan ensuring a Uniform air distribution across the entire deck
- Reciprocating triangular grading deck for accurate splitting of the product into heavy and light fractions in one operation
- The deck is also available as a 1/3 size deck specially suited for treatment of small quantities, for example flower seeds
- Electrical controls for easy connection into a 240 volt outlet; Autotransformer for 110 V also available
- Easy clean-down when changing from one product to another
- Low maintenance costs and one-year parts warranty

