

# GRAVITY SEPARATOR

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LA-K



*The LA-K small scale gravity separator is designed for continuous flow separation of small volumes of seed and grain, which have already been fine cleaned*

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.

For more technical information see the back page.

The LA-K gravity separator offers the below features:

- Inlet with capacity shutter and vibrator feeder with start/stop and potentiometer.
- Oscillating triangular grading deck with air distribution plate and standard covering.
- Eccentric shaft with digital readout.
- Manually adjustable:

- deck stroke length
- deck speed
- air volume
- deck inclinations lengthwise and crosswise

- Outlet section with manually adjustable product guide plates.
- Integrated fan with frequency converter.
- Collecting drawers for 5 fractions.
- Motors.

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

#### Options:

- *Extension for inlet (25 l)*
- *Aspiration hood above the deck*
- *Outlet pipes for transport of product to floor level*
- *Autotransformer for 110 V, 60 Hz*

## EQUIPPED FOR CHANGE

We provide valuable insights, so you can make qualified decisions

## GRAVITY SEPARATOR LA-K

### TECHNICAL SPECIFICATIONS:

	LA-K
Grading deck cm <sup>2</sup>	1,600
Motors V	1 x 230
Motor for integrated fan kW	1.1
Motor for deck speed kW	0.37
Motor for vibrator feeder kW	0.05

### DISTINGUISHING ADVANTAGES:

- Inlet with vibrator feeder for precise feed control and optimum grading of a wide range of products
- Highly efficient air system with integrated fan ensuring a uniform air distribution across the entire grading deck
- Oscillating triangular grading deck for accurate splitting of the product into heavy and light fractions in one operation
- Electrical controls for easy connection into a 230 V outlet; Autotransformer for 110 V also available
- Easy clean-down when changing from one product to another
- Low maintenance costs

