

Aspirators & Gravity Separators

ZZ Series *Selecta*



PETKUS



HIGHEST ACCURACY ON DENSITY

The accuracy of the ZZ machines on density separation is unbeatable especially on sorting flat and/or long seeds.



SELF CLEANING

The air channel itself is very smooth and makes the machine self cleaning.



MINIMAL LOSS

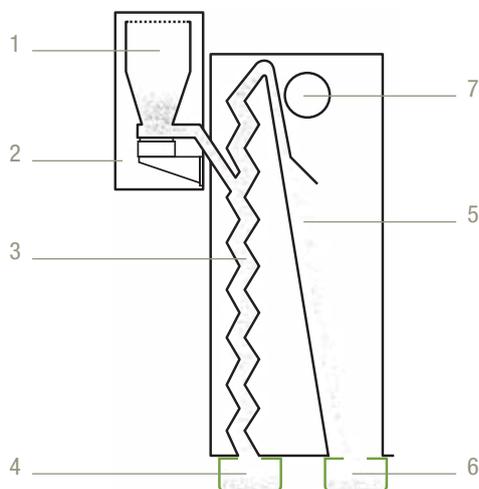
Minimal loss of valuable seeds as all remain in transparent boxes or antistatic seed bins.

 **The finest for Quality Seeds.**

The PETKUS Selecta ZZ Series is designed to separate seeds based on specific weight in a vertical ZZ shaped column for both seed production and laboratory purposes. It was specially developed for gravity separation of small batches with a high level of accuracy which is equivalent to that of a gravity table and even higher when sorting flat and/or long seeds.

Operation

The electrically adjustable vibrating feeding hopper (1) ensures an even inlet of seeds in the adjustable airflow channel (3). The seeds move into the Z-shaped air-channel and meet with an upward airstream whereby the seeds with a higher density fall down and are collected in a collecting bin (4). The light seeds are carried off by the upward airstream and are collected in the collecting bin (6) underneath the air channel. The air and the fine dust are blown out through the ventilator (7). The dust behind the ventilator is collected in a dust-bag with filter.



The VIDOS vibrating feeder is located in a vacuum-tight chamber (2) to prevent the airstream in the air channel from being disturbed.

The air flow is continuously adjustable. Due to the very stable fan the machine can run 24 hours without any supervision. The vibrating feeder is also continuously adjustable.

Due to the glass door, the transparent door of the vacuum chamber and the smooth finishing touch the machine is easily & thoroughly cleanable and for most seeds self-cleaning. The dust bag underneath has a zipper which makes the bag easy to empty and easy to clean.

Features

- + High accuracy of separation, precise separation adjustments, easy reproduction of results
- + Self-cleaning, easy control through a glass window
- + Very easy to operate
- + Minimal loss of valuable seeds as all remain in transparent boxes/seed bins
- + Also suitable for very small batches (no minimum volume required)
- + Unlimited continuous adjustment of air fan
- + Regular flow feeding by VIDOS vibrating feeder
- + Dust-bag filter on air output for clean operation, does not need extra aspiration
- + Very stable air conditions: the machine can run 24 hours without any supervision.

Options

- + Extra large hopper and anti-static collection bins



Technical Data

		ZZ1.0 <i>Selecta</i>	ZZ2.0 <i>Selecta</i>	ZZ3.0 <i>Selecta</i>
Length	(mm)	800	800/980	1200
Width	(mm)	600	650	750
Height	(mm)	1700	1700 – 2100	1800
Weight	(kg)	100	105	280
Channel	(mm)	60	120	550
Power	(kW)	0,35	0,40	0,90
Hopper	(l)	6	6 / 25 / 50	40/80
Capacity	(kg/h)	up to 10	up to 20	up to 80

Descriptions and measurements are approximate. We reserve the right to implement technical changes.