

Aspiration machines

AS Series *Selecta*



HIGH EFFICIENCY

Open system combining high capacity and easy access for high efficiency (samples per hour).



SELF CLEANING

Because of the precise construction and the smooth finish, the AS aspiration units are 100 % self cleaning, so mixing of seeds is not possible.

 **The finest for Quality Seeds.**

The PETKUS Selecta AS Series sorts seeds on specific weight in a vertical air column, directly behind the vibrating feeder. The aspiration units can be used as stand alone units but can also be integrated in PETKUS Selecta cleaning, calibration and sorting machines.

Operation

The AS 1.1 is ideal for pre-cleaning of samples in plant breeding/seed test labs and is used on top of the spiral separators to operate both as a (pre-)cleaner and feeder.

The AS 2.5 is ideal for pre-cleaning of samples in plant breeding or even for final cleaning for breeding samples of heavy seeds. The AS 2.5 is used as a stand alone machine.

The AS 10.0 is the ideal machine to be used as a pre-cleaner in a seed-cleaning line for the bigger capacities or as stand-alone machine. The AS 10.0 is also available with a special feeder for difficult seeds like lettuce to remove the very light debris.

The PETKUS Selecta AS machines can operate with dust bag filter as well as connected to a central dust aspiration system.

Features

- + Open system combining high capacity and easy access for high efficiency (samples per hour).
- + Because of the precise construction and the smooth finish, the AS aspiration units are 100 % self cleaning, so mixing of seeds is not possible.
- + Feeding by VIDOS vibrating feeder for a regular flow, with integrated continuously variable speed adjustment for very precise dosing.
- + Hopper height adjustable above the vibrator trough.
- + Glass window (not static!) for inspection, easy to open if inside cleaning is necessary.
- + Aspirator fan with stepless speed regulation by frequency inverter.
- + No valves to regulate air flow, digital read out of fan speed makes setting easy and reproducible.
- + Can operate stand alone, with dust bag filter as well as connected to a central dust aspiration system.
- + The machine is easy to operate, only electrical adjustments and NO adjustable valves etc. This makes the adjustments 100 % reproducible.

Technical Data



		AS 1.1 <i>Selecta</i>	AS 2.5 <i>Selecta</i>	AS 10.0 <i>Selecta</i>
Length	(mm)	900	1 000	2 800
Width	(mm)	600	450	2 000
Height	(mm)	550 / 1 050	900	2 600
Weight	(kg)	60	45	800
Width of air channel	(mm)	110	250	1 000
Power supply	(kW)	0,4	0,55	1,1

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