

Variants Smart Lab – Process

	Smart Lab Core	Smart Lab Plus
Identify		Barcode scanner for reading the genotype ID <ul style="list-style-type: none"> wireless scanner incl. docking station robust scanner, protection class IP65 acoustic read confirmation
Pre-weigh		4 l weighing container for precise weighing of the required seed quantity
Coating		7 l coating chamber incl. automatic lid <ul style="list-style-type: none"> for seed quantities from 80 - 800 g integrated process air for drying blowing out during the emptying process <hr/> 14.5 l coating chamber incl. automatic lid <ul style="list-style-type: none"> for seed quantities from 400 - 3000 g integrated process air for drying blowing out during the emptying process
Counting		SEED COUNT S-25 +: <ul style="list-style-type: none"> designed for plant breeding and research vision-based counting technology for unrivaled speed and accuracy without compromising quality automatic calibration almost 100% counting accuracy for seeds from 0.5 mm to 18 mm highest counting speed: <ul style="list-style-type: none"> 8 seconds for 1000 rapeseed grains 12 seconds for 1000 cereal grains 5 seconds for 100 corn kernels simple operation free counting or batch counting 10" Touch screen PC export of counting results via USB stick <hr/> SEED COUNT R-25 +: <ul style="list-style-type: none"> designed for plant breeding and research vision-based counting technology for unrivaled speed and accuracy without compromising quality automatic calibration almost 100% counting accuracy for seeds from 0.5 mm to 18 mm highest counting speed: <ul style="list-style-type: none"> 8 seconds for 1000 rapeseed grains 12 seconds for 1000 cereal grains 5 seconds for 100 corn kernels

Smart Lab Core

Smart Lab Plus

- counting from Excel or CSV files, free counting and batch counting
- Automatic calibration
- fast emptying of the hopper
- 15" touch screen PC with research software
- simple configuration of external devices in the software
- high flexibility thanks to Windows user interface
- import and export via USB stick

SEED COUNT S-60 +:

- designed for plant breeding and research
- vision-based counting technology for unrivaled speed and accuracy without compromising quality
- automatic calibration
- almost 100% counting accuracy
- for seeds from 0.5 mm to 25 mm
- highest counting speed
 - 6 seconds for 1000 rapeseed grains
 - 6 seconds for 1000 cereal grains
 - 4 seconds for 100 corn kernels
- simple operation
- free counting or batch counting
- 10" touch screen PC
- export of counting results via USB stick

SEED COUNT R-60 +:

- designed for plant breeding and research
- vision-based counting technology for unrivaled speed and accuracy without compromising quality
- automatic calibration
- almost 100% counting accuracy
- for seeds from 0.5 mm to 25 mm
- highest counting speed
 - 6 seconds for 1000 rapeseed grains
 - 6 seconds for 1000 cereal grains
 - 4 seconds for 100 maize grains
- Counting from Excel tables, free counting and batch counting
- 15" touch screen PC with research software
- Simple configuration of external devices in the software
- high flexibility thanks to Windows user interface
- counting, weighing and TKG results in Excel
- import and export via USB stick

	Smart Lab Core	Smart Lab Plus
Filling		Envelope filler with single outlet <ul style="list-style-type: none"> • one filling position • height-adjustable envelope holder
		Envelope filler with double outlet <ul style="list-style-type: none"> • two pneumatically controlled filling positions • height-adjustable envelope holder
		Envelope filler with single outlet <ul style="list-style-type: none"> • one filling position • height-adjustable envelope holder
		Container filling device <ul style="list-style-type: none"> • storage compartment for empty containers • separation unit • conveyor belt • status monitoring of filling position and conveyor belt
		Envelope filler with double outlet <ul style="list-style-type: none"> • two pneumatically controlled filling positions • height-adjustable envelope holder Container filling device <ul style="list-style-type: none"> • storage compartment for empty containers • separation unit • conveyor belt • status monitoring of filling position and conveyor belt
Identify		Datamatrix scanner for container identification after filling <ul style="list-style-type: none"> • database for tracking the filling and sowing process with Smart Feed • automatic scan of the container-ID Label printer for seed container cover <ul style="list-style-type: none"> • printing of randomized information (stack/carrier plate/slot) • size of self-adhesive labels: 51 mm x 25 mm • integrated dispenser Label printer for seed envelopes <ul style="list-style-type: none"> • printing of randomized information (stack/carrier plate/slot) • size of self-adhesive labels: 57 mm x 51 mm • integrated dispenser