

CENTRICOATER CC LAB

The CC Lab is a manually operated Centricoater to be used in a laboratory or breeding station for coating of single batches.

The required amount of seed is measured manually by the operator. It is filled into the small hopper on top of the mixing drum. The slurry is prepared separately into a syringe. After starting the drives, the seed is emptied into the mixing drum, and the slurry is added. This is all done manually by the operator. After a certain time - the mixing time - the operator empties the coated batch into a prepared box placed at the discharge of the CC Lab.

The whole machine is ready-prepared for operation, only the main power supply must be plugged in. An existing aspirating hood must be placed above the CC Lab, the aspirating system must be provided locally. Also a pneumatic air supply (max. 6 bar) must be connected to the CC Lab.

Standard components (for liquid coating):

- Mixing drum, using the Centricoater principle, for manual coating of various seed, consisting of:
 - small hopper
 - mixing drum with coated rotor and wall-mounted deflectors
 - main drive with frequency inverter
 - own driven spinning disk
 - 3 pcs. syringe each 100 ml, 30 ml
 - box for coated seed

Electric switchboard, completed and ready, consisting of the necessary fuses, circuit breakers, motor protection switches, potentiometer for frequency inverter and main switch.



Mixing drum	
Mixing drum size (referred to wheat)	2 kg
Recipes: (values can differ depending on type of seed and quantity of slurry)	
Dosing of slurries within	5 .. 15 s
Mixing after dosing within	5 .. 10 s
Discharging seed within	5 .. 10 s
Power supply: (standard)	
Main power supply (5 m cord with plug)	1/N/PE 230V 50 Hz min. 10A
Air volume	
Air requirements	100 m ³ /h
Pneumatic	
Requirements	3 Nm ³ /h, 6 bar nom.
Dimensions	
Length	750 mm
Width	550 mm
Height	750 mm
Total weight	
Net	100 kg

Technical data can vary for certain of the above due to continued development or a different machine composition.