



Centricoater CC Lab

The CC Lab is a manually operated CENTRICOATER, for use in a laboratory, and for coating of single batches.

The required amount of seed is measured manually by the operator. It is filled into the pre-bin. The slurry is prepared separately, and loaded into a syringe. After starting the drives, the seed is emptied into the mixing chamber, and the slurry is added. This is all done manually by the operator. After a certain time – the mixing time - the operator empties the CENTRI-COATER and fills the coated batch into a prepared bin, placed at the discharge spout 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.

Data:

Mixing chamber:	max. 2 kg, referred to wheat
Weighing display: for pre-bin (opt.)	HBM – scale indicator WE2108 using electronic load cell
Pumps:	optional equipment
Powder feeders:	optional equipment
Power supply:	3/N/PE, 230V, 50Hz, min. 10A
Pneumatic:	3 Nm ³ / h, 6 bar nominal
Aspiration:	100 m ³ / h
Painting :	RAL 3002 RED

Standard components (for liquid coating):

- Mixing chamber, using the CENTRICOATER principle, for manual handling, consisting of
 - * pre-bin
 - * mixing chamber with coated rotor
 - * box for the coated seed
 - * main drive with frequency inverter
 - * own driven spinning disk
 - * 3 pcs. syringe 100ml, 30ml
- Electric switchboard, ready completed, consisting of the necessary fuses, circuit breakers, motor protection switches, potentiometer for frequency inverter, main switch, ...

Recipes:

- dosing of the slurry within 5 .. 15 s
- mixing of the seed within 5 .. 10 s
- discharge of the seed within 5 .. 10 s

values and capacities can differ depending on type of seed and quantity of slurry

