

# SYNMEC

## 5BY-L Laboratory Seed Coating Machine

Ideal for small amount seed coating.

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# SYNMEC

The world top Manufacturer for Grain Cleaning Seed Processing Solutions  
Adviser

# 5BY-L Laboratory Seed Coating Machine



## Parameter reference:

Name	Laboratory seed coating machine
Model	5BY-L
Capacity	0.5-3 kg/h
Power	0.55 kw
Rated speed	200-1400 r/min
Rated time	30s-50 min
Machine size	600X600X1000mm

## Function:

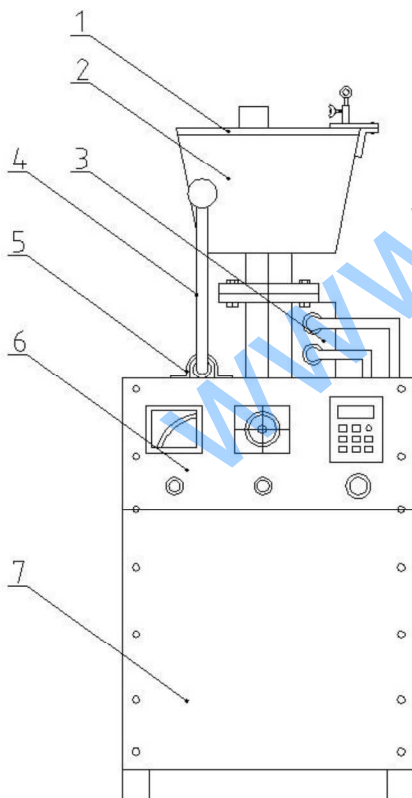
Laboratory seed coating machine is used for small quantity seed coating test or seeds pelleting. Coating chemical can increase the small seeds volume. Bigger seeds are convenient for mechanized seeding.

Seed pelleting is mainly used for the smaller particles, appearance is uneven, illiquid seeds. As vegetable, forage grass, Chinese herbal medicine, flower, etc. kinds of seeds. Laboratory seed coating machine will apply seeds' surface a certain thickness of chemical. Seed coating procedure will form a uniform particles focus of seeds' cores. It increase overall dimensions and weight, improve the seeds' liquidity. Seed coating chemical comes to various type and goals. As insecticides, fungicides, water retention agent, trace elements, binder and other additives.

## Working principle:

There is a motor under the mixing bowl. When the motor works, seed coating bowl begins to rotate. The motor drives the seed and coating chemical to roll and mix together. In this movement, the coating chemicals form a film and firmly attach to the surface of the seeds. The seeds and coating chemical ratio can be 1:40 - 1: 200. The bowl running speed and chemical mixing time is adjustable. There is user-friendly operation panel on the seed coating machine frames.

## Laboratory seed coating machine construction:



1. Seed bowl cover
2. Seed mixing bowl
3. Driving system
4. Seeds outlet handle
5. Tray frame
6. Operation panel
7. Main frame

**Photo reference:**



Motor and mixing bowl directly connected.  
Seed discharge handle  
The mixing bowl is interchangeable  
according to actual capacity need.

Standard wire line is 220V, 50Hz, single phrase input. It  
is convenient for indoor use.  
Different electricity input can be customized.

We are the best choice for you!

## Factory view



## We have professional manufacturing equipment!

Drilling and milling machine	CNC lathe	Laser cutting machine
		
Plasma cutting machine	Bending machine	Shearing machine
		

**We can provide over sea machine assembly and staff training services!**



**We have strong production capacity!**





# Healthy Grain, Pretty Beans, Strong Seed. SYNMEC

We serve for



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