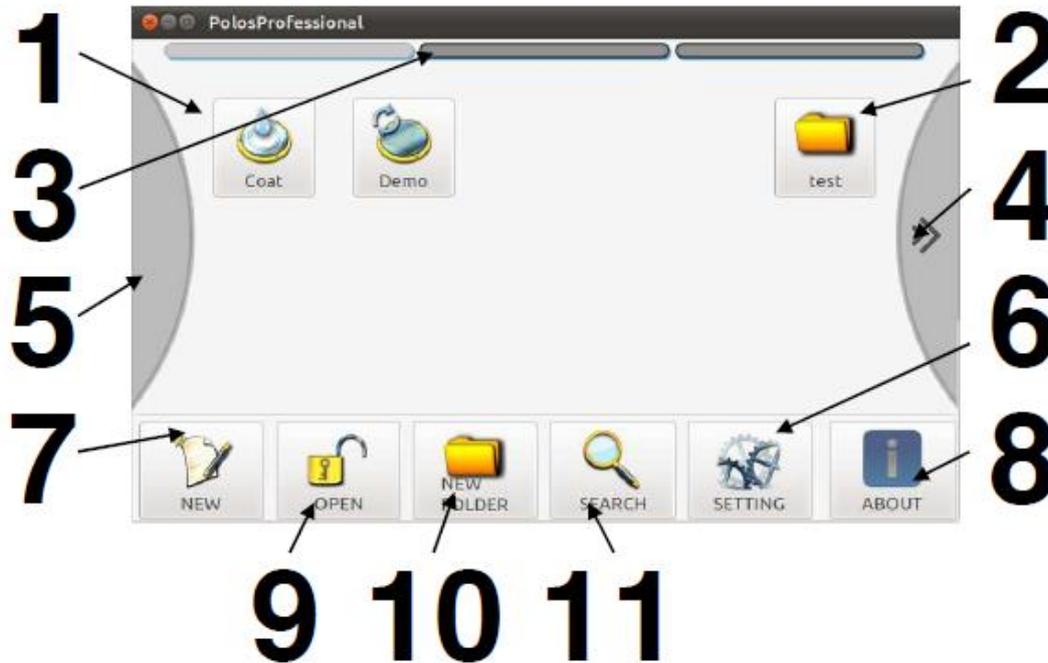


Polos SPIN coater User Manual

The Polos SPIN 150i spin coater is a process tool for typical spin process applications of wafers and other substrates. It can fit Wafers up to 6", and square substrates up to 4"x 4"

1. Turn on the media
2. Power on the instrument using the power switch at the back of the instrument
3. When unit is powering up wait until loading bar on page bottom completed before performing any operation.



- 1- Recipe icon
- 2- Folder icon
- 3- Pages sliding bar
- 4- Next page button
- 5- Previous page button
- 6- Access parameter editing menu
- 7- Create new recipe
- 8- Open information screen
- 9- Release lid lock
- 10- Create new folder
- 11- Access search function

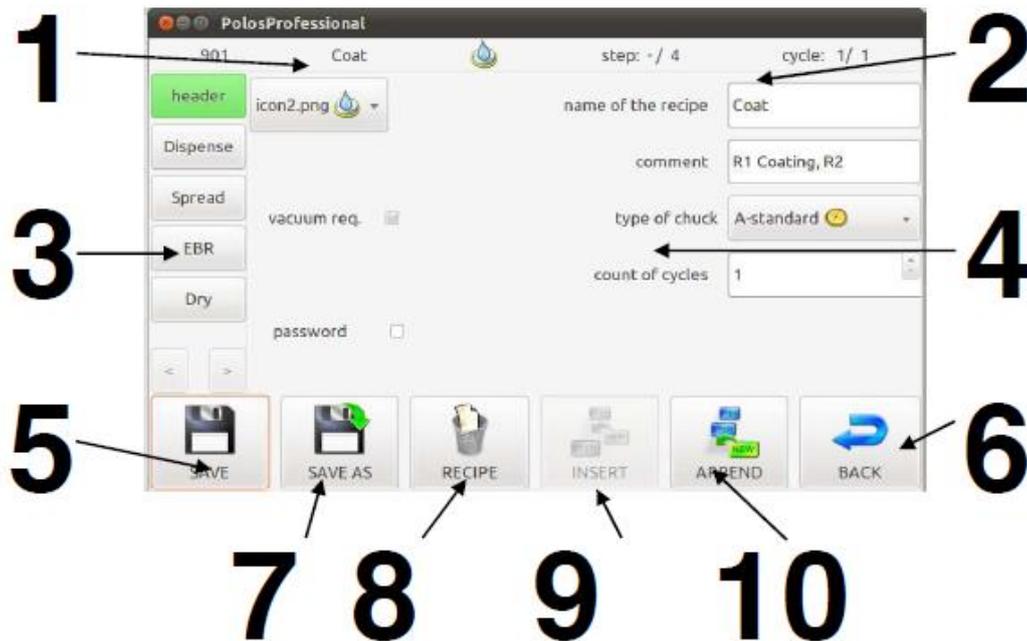
4. Execute a recipe

- Touch a folder symbol to open and show the recipes inside
- Touch any recipe icon to open the run screen.
- Click button "OPEN" to open the lid.
- Place and centre the substrate on the holder.
- Click button "VAC ON" to activate vacuum.
- Close the lid, then load sample through the syringe hole.
- Click button "START" to execute the recipe.
- Recipe can be aborted or suspended by clicking the "STOP" or "SUSPEND" button.

5. Create a new recipe

Creating a new recipe or editing an existing recipe will open the edit screen, modification will not be saved until proper procedure is performed.

➤ **Edit the header**



1. **Recipe details** Provides details such as name, ID number and icon of selected recipe
2. **Recipe progress indicator** Provides indication regarding the actual and total number of steps and the actual/total number of programmed cycles.
3. **Header and steps selection** Indicated selected header or step highlighted in green and allows to select a different step
4. **Parameter screen** Shows all parameter available for the selected step or header
5. **Save** Save modification on selected recipe
6. **Back** Return to home screen without saving modification made
7. **Save as** Save the recipe as another one, with another name
8. **Delete** Delete a single step or the whole recipe depending on actual selection
9. **Insert** Add a step before the current step
10. **Append** Add a step at the end of the recipe

Following parameters may be edited:

- "icon2.png" – symbol for the recipe
- "name of recipe"
- "comment"
- "A-Type"& "vacuum required" – set by type of chuck, can affect the maximal speed and maximal acceleration
- "counts of cycles" – how many time the recipe will be repeated.

➤ **Edit a step**

Touch a step button to edit the step:

- Spin time
- Direction – clockwise, counter clockwise
- Spin speed – between 0 – 12,000rpm
- Spin acceleration: between 0 - 51,270rpm/s

➤ Touch the "Save as" button to save the recipe