

# Easypurge APS 2.0 User's Guide



Chat support visit: <https://easypurgeapc.com/en/easypurge-aps-users-guide/>

Phone support: +34 685 632 435

# Index

- 01. Quick start - Run a Saved Purging Process**
- 02. New Machine Setup**
- 03. New Mould Setup**
- 04. First Purging Process Set-Up**
- 05. Adding a New Purging Process into a machine**
- 06. When & How to calibrate Easypurge APS**

## 01. Quick start - Run a Saved Purging Process

1. **Press Machine**
2. Then **select the machine name**
3. **Press Continue**
4. Then **Purge**.
5. Select a purging process from the purge list (2.1)
6. Press Run
7. Follow the steps on the screen and press **Run**  
**If the machine signal cable is used to activate the APS, the system will wait for the input in this screen (9.31 Preform dosing).**
8. If you want to activate the Automatic Purging System manually, **press start**.

## 02. New Machine Setup

1. **Press Machine**
2. **New Machine**
3. **New**

In this screen **1.3. C Preform machine** set up a name for this unit.

4. In the next **screw you have to add**

Number of cavities in the mould

And the weight on the preforms.

Then press **the save button**.  **and then press continue.**

The machine is now loaded in the Easypurge APS.

## 03. New Mould Setup

Create a new mould into a machine already saved in the APS.

1. Press **Machine**
2. Select the machine you want to add the mould into.

In this screen (**1.3.c Preform Machine**) all fields with a white background can be edited:

- Screw diameter
- The number of cavities in the mould.
- Preform weight.

3. Select **Save as**, and press **New** to confirm.

The new mould details can be confirmed pressing **Continue** in the following screen.

## 04. First Purging Process Set Up

1. Select Machine.
2. Press continue,
3. Then purge
4. Name this colour change. Screen 2.2.c Performs Parameters
5. Select Screw/Hot runners and then .

Follow the steps to create the cleaning of the screw and the hot runners.

6. Select the machine time load and then press .

There is a minimum time load aloud determined by the pump maximum capacity. You might need to configure the Pet preform machine loading time.

7. Press  continue.

Be aware that in this screen (**2.3 Easypurge parameter**) all fields with a white background are editable Passes, Virgin and Dosing values can be changed at any time.

Restore the default settings of the APS pressing “recommended”.

8. Press the save button  to complete the screw purge set up.

There is either the option to run the purge pressing Run or going back to set up a purge process for the hot runners.

9. In order to set up the cleaning of the hot runners press purge.
10. In this dropdown, we need to select hot runners,
11. Add the machine time load.

When cleaning the hot runners is usually used half of the time that is used to clean the screw.

12. Press  to continue.
13. Press **SAVE AS** to set up this new purge.

If we press the save button , the purge of the screw that we created previously would be overwritten.

**14. Press Accept to confirm.**

## 05. Adding a New Purging Process into a machine

1. **Press Machine**
2. Then **select the machine name**
3. **Press Continue.**
4. Then **Purge.**
5. **Add new purge.**
6. **Press New**
7. **Set up a name** for the colour change and **press Enter.**
8. Select screw from the dropdown menu and **press Continue**
9. Select the machine time load and **press Enter**
10. **Press Continue** to move into the next screen
11. **Press Save** in order to complete the setup of the screw purge.

**Create a new purge** for the hot runners (From the screen 0.c Preform program)

12. **Press purge**
13. **Press Zone** and **Select Hot runners.**
14. **Add the purge time load.**
15. **Press Continue** to move into the next screen
16. **Press Save as** and then accept.

## 06. When & How to calibrate Easypurge APS

1. **Press the F1 button** to go to the main menu and select Pump

Here we have two different options, one to calibrate the APS and another that allow us to verify the current status of the purging system.

2. **Select the option Pump Test.**

For example, at 50 percent of the pump capacity, in a time of 10 seconds the dosing system should dose 23 Millimeters. In order to verify This, we will use a precision scale.

3. Press **press start** to run the test.

If we notice that the amount dosed is higher or lower than the portion intended by 10%, then we should calibrate the Easypurge Automatic Purging system.

4. **Press back, and run the pump calibration program.**

The calibration is carried out with 4 tests.

At this point, We should carry the test as we would be purging with the bottle at the left hand side of the APS and the precision scale at the right.

The First test is at 5% of the pump capacity.

Then at 20%, 60% and the last one at 100%

5. As soon we verify how much liquid was pumped, **we will add the amount dosified in this field.**

We will take grams as Milliliters.

6. Then we **go ahead with the second test.**

We will repeat this process for every test.

Finally, we will be able to see all the data gathered.

In the screen **6.5.2 summary** you will be able to see the current values used by the APS, and the the new values we have just added.

7. Press **save** to calibrate the pump based on the test.