

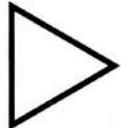
QUICK START GUIDE

This quick start guide outlines all the functionalities and helps you in setting up the machine.
This guide doesn't replace the information written in the user manual!
Check our website for the most up-to-date software and documentation



Creating a process:

1. Click on the "plus" icon in the top right corner of the main screen
2. Insert the name of the process in the text edit at the top
3. Choose if the process requires temperature control using the switch on the right
4. Click on the "add steps" button to add all the required steps
5. Each step must have a name, a duration and a source
6. Change the order of the steps using the "up" and "down" arrows
7. Choose if the process is for negatives or positives and if it's for color or black and white
8. Click on the "save" icon when you are done editing the process

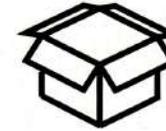


How to run a process:

1. First, create a process or choose an existing one from the list
2. Cover all the containers with the corresponding lid
3. Fill the chemistry in the containers. Be careful! Cross contamination can happen even with very low amounts of chemistry (even in the water bath!), when filling the chemistry containers you should uncover them one at a time and pour slowly to avoid bubbling and splashing
4. Place the tank inside the machine
5. **Lock the tank in place using the lock bar. This is critical! The lock bar also opens the tank relief valve!**
6. **Make sure that the knobs on top of chemistry container lids are completely unscrewed! This is also critical otherwise the chemistry pumps won't work properly**
7. Select the process you want to run and press "start"
8. You're now good to go! Follow the on-screen instructions

ATTENTION! If you run the same process twice (two consecutive C41 runs for example), make sure to include a long multi-rinse step at the end of the process, at least 10 minutes, to remove all chemistry residues from the tubes and to avoid cross contamination

What's in the box:



The machine
A power cord
About 2m of clear tube
Chemistry container lids
One tube removal tool
6 x 35mm and 3 x 120 film clips

Process Name	Temperature	Type
C41 bleach+fix	38.0 °C	Color Negative
C41 bleach+fix push 1	38.0 °C	Color Negative
E6 six baths	38.0 °C	Color Positive
HP5@400 in Rodinal 1+25		B&W Negative
Tmax 100 in T-Max dev 1+4		B&W Negative

Step	Name	Duration
C1	First developer	6m30s
WB	Wash	2m00s
C2	Reversal	2m00s
C3	Color developer	6m00s
C4	Pre-bleach	2m00s
C5	Bleach	6m00s

Processing:

Step source: C3

Temp. control: Water temp: 36.4 °C

Running

Next step: Pre-bleach

29s Color developer Processing

22m08s



Setting up the machine:

Place the machine on a flat surface and level it by adjusting the height of its feet, a spirit level can help in this operation. Connect the power cord to an outlet on the wall and to the back of the machine. Connect a piece of tube to the waste and overflow outlets and direct them to a drain or to a tank, depending on your setup. Don't place the machine in a darkroom sink or anywhere where it might be completely or partially submerged!



Temperature control:

The machine is able heat the chemistry and the water bath to execute a process at a target temperature. A full water bath is required in order to keep everything at the right temperature and minimize temperature variations along the way. The water bath will fill itself up if the machine is connected to a pressurized water source, otherwise it's possible to fill it manually. The machine doesn't have cooling capabilities so, if the initial temperature is too high, it will wait for the chemistry to cool down.

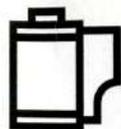


Cleaning & maintenance:

When you're done processing, remove the chemistry from the machine using the faucets on the front, close the faucets again, remove the chemistry lids and run the cleaning process from the "Tools" tab. Afterwards, open all the faucets and flush the containers with some clean water and wash the lids separately in a sink.

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Loading Tanks & Securing Film to Spirals

dev.a uses a rotary motion to agitate films, this motion has historically often led to films winding off of spirals normally used for inversion tanks so please read the following in order to prevent to ensure films remain on the Paterson, AP or Jobo spirals recommended for dev.a

Using the retaining clips as follow is a very simple but effective solution, we also recommend using the the stem spacers provided or better still the spiral retainer clip provided with Paterson tanks:

for 120 film:

1. Load the film on the reel as usual
- 2a. For Jobo reels place the outer edge of the film between the side notches used to advance the film and the beginning of the spiral
- 2b. For Paterson reels place the outer edge of the film about 2cm past the metal spheres
3. Slide one side of the clip into the film guide on one side of the reel, make sure the small tab on the side of the clip fits into the opening on the side of the reel
4. Bend the clip with your hand and slide its other side into the other film guide
5. Slide the clip toward the beginning of the reel until the two small tabs on the side hit the end of the opening



for 35mm film:

1. Load the film on the reel as usual, make sure to cut off the film leader
2. Place the outer edge of the film as in the 120 film case
3. Slide one end of the clip into the first opening on one of the sides of the spiral
4. Rotate the clip and slide it under the film guides on both sides
5. Slide the clip toward the beginning of the reel until the two small tabs on the side hit the end of the opening

