

# 3devo

## COMPOSER & PRECISION

FILAMENT MAKERS

### Quick Start Guide

#### What is in the box:

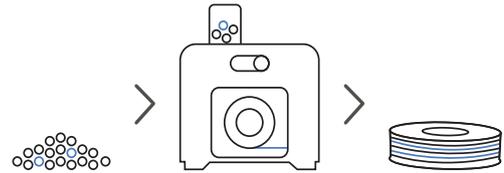
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- Filament maker
- Hopper
- Spool holder
- 1x spool
- PLA granulate
- Devoclean mid-temperature purge 180° - 320°
- USB cable
- Power cable

#### What is where?

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1. Hopper
2. User interface
3. Spool holder
4. Filament nozzle
5. Puller
6. Positioner
7. Optical diameter sensor
8. Filament cooling fans
9. Door
10. Winder slipper clutch
11. USB port
12. Power switch
13. Power socket

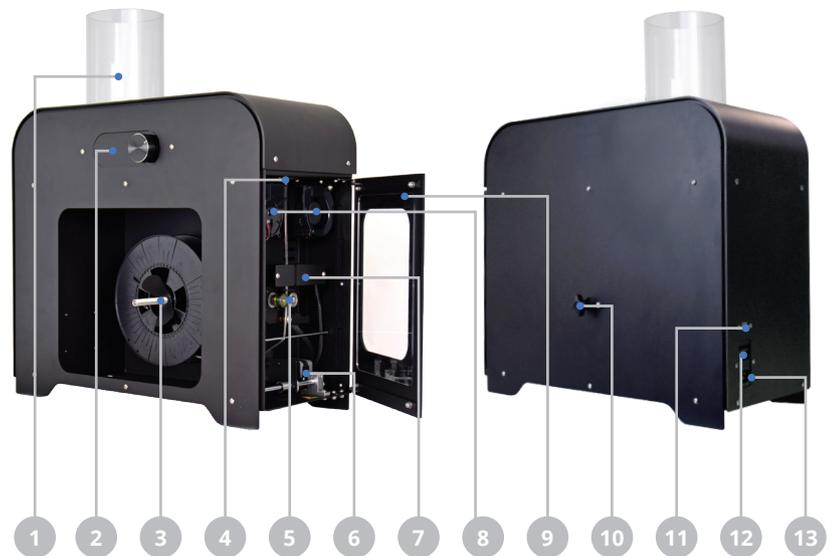


#### Quick start or complete manual

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In this quick start you will find the essential instructions to set up your filament maker, right out of the box. For more detailed information about the functions and applications of the filament maker, you can visit our website:

[www.3devo.com/manuals](http://www.3devo.com/manuals)



## Warranty

For information about the 3devo warranty policy visit:

[www.3devo.com/warranty](http://www.3devo.com/warranty)

## Support

For more information or technical support visit:

[www.3devo.com/support](http://www.3devo.com/support)

## Safety instructions

- Check if the voltage in your working station corresponds to that of the purchased product.
- Make sure the filament maker is placed in a well ventilated room.
- When using the filament maker with any material other than 3devo PLA, thoroughly read ALL the safety instructions of the manual on: [www.3devo.com/manuals](http://www.3devo.com/manuals)
- Do not touch the hot materials near the nozzle.
- Be aware of heated and/or moving components.

## Remove the packaging

Remove the top accessory box. Then remove the top foam blocks. Carefully place both arms beside the filament maker, lift it out of the box and place it on a flat surface. Remove the plastic cover bag from the filament maker. Finally remove and unpack the accessories from the spooling area.

## Set up your filament maker



**1)** Plug in the power cord and turn on the power switch at the back of the filament maker.



**2)** Press 'Activate' to unlock the full functionality of the machine. For more information go to [www.3devo.com/activate](http://www.3devo.com/activate)



**3)** Once you have read the information on the activation page, enter the code you have received in your e-mail and press 'Ok'.



**4)** Unwrap the hopper tube and place it on top of the extruder hopper.



**5)** Put PLA granulate in the hopper.



**6)** Take an empty spool and mount it on the spool holder.



**7)** Place spool holder with spool on the spooling axis.



**8)** Push the menu button and click "Start Extrusion" (with the PLA preset).



**9)** Main screen will indicate that the system is 'Heating'. Wait about 10 minutes and the extrusion process will start automatically.



**10)** When the filament is extruding, wait until about 20cm is out of the nozzle.



**11)** Open the puller clamp, then pull the soft filament through the Optical diameter sensor and puller.



**12)** Go to "Start spooling" in the menu and follow the steps on the screen.



**13)** Cut the filament when the set size is reached and start spooling.



**14)** Guide the filament through the spool (inner hole).



**15)** Guide the filament through the spool (inner hole).



**16)** Wait and watch as your first spool of PLA filament is made.