

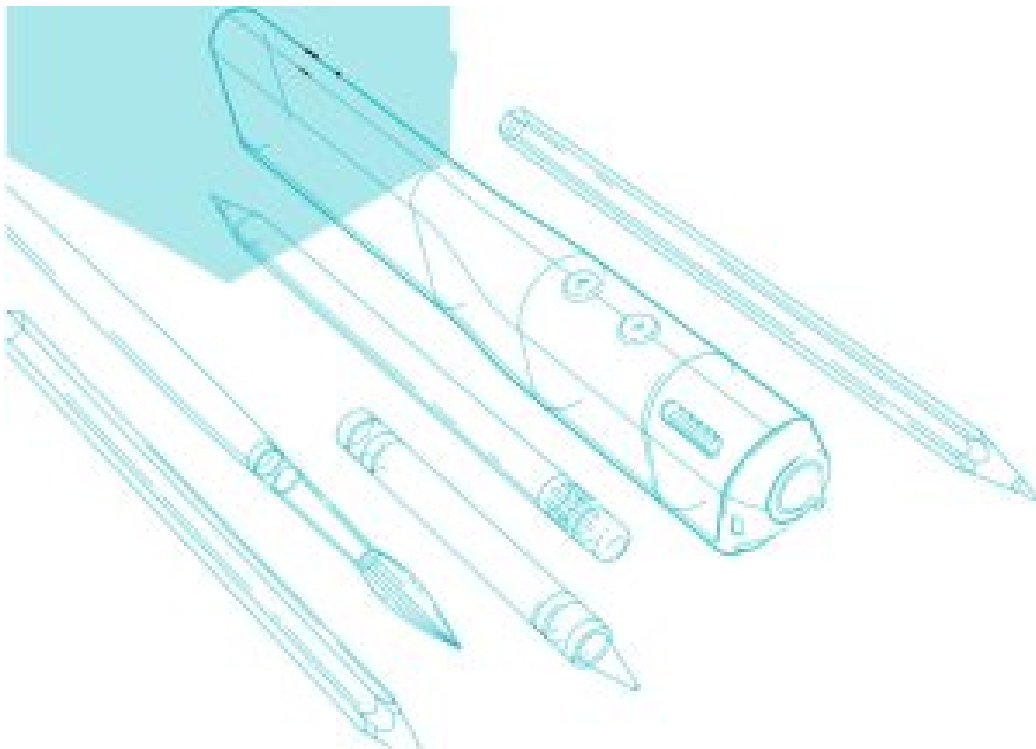


3D SIMO RB-Dsi-18 MultiPro 3D Pen and Foam Cutter User Manual

[Home](#) » [3D SIMO](#) » 3D SIMO RB-Dsi-18 MultiPro 3D Pen and Foam Cutter User Manual 



RB-Dsi-18 MultiPro 3D Pen and Foam Cutter User Manual



Contents

- 1 Presentation
- 2 Contents of the package
- 3 3Dsimo Multipro Controls
- 4 Mobile app
- 5 Replacement of extensions
- 6 Extension for 3D drawing
- 7 Foam cutting extension
- 8 Maintenance
- 9 Specifications
- 10 Certificates
- 11 Documents / Resources
- 12 Related Posts

Presentation

Congratulations on your purchase of 3Dsimo MultiPro, a multifunction device that allows you to turn your creativity into reality. All you need to do for the start of your creation is to plug 3Dsimo MultiPro into the power supply, select the appropriate extension, insert it into the body of the device and follow the instructions on the screen of the device.

Before using the device, make sure that you have read the instructions for use with all the functions and risks associated with the use of 3Dsimo MultiPro. If there is any doubt on your side, visit our website or contact our technical support: support@3dsimo.com



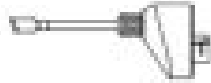
Contents of the package



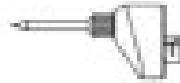
1x 3Dsimo Multipro with extension for 3D drawing



1x Soldering tin packaging



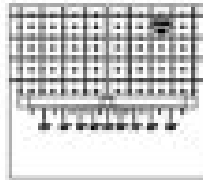
1x Burning extension



1x Soldering extension



1x Locking screw



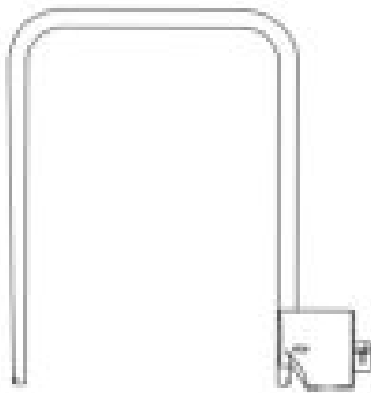
1x Platform for accurate angles



1x Power source



1x Coil of resistance wire

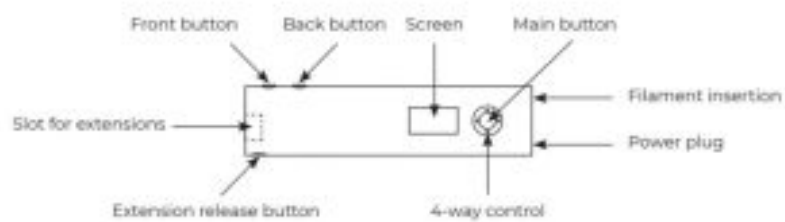


1x Foam-cutting extension







3D filament - 15 m




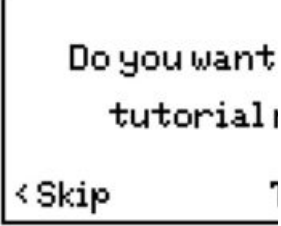
3Dsimo Multipro Controls



Language selection

	
<p>In default settings press the main button.</p>	<p>This will take you there to the Menu.</p>
	
<p>Scroll to Language and confirm with the main button.</p>	<p>Use the up and down arrows to switch to the appropriate language button.</p>

Starting of tutorial

	
<p>In default settings press the main button.</p>	<p>This will take you there to the Menu.</p>
	
<p>Scroll down to Tutorial and confirm with the main button.</p>	<p>The option to run the tutorial is displayed, start it with</p>

Mobile app

The mobile app is available for devices with Android and iOS.

The 3Dsimo app allows you to update your device for future extensions, as well as lots of ideas and inspirations for your future projects using 3Dsimo MultiPro.

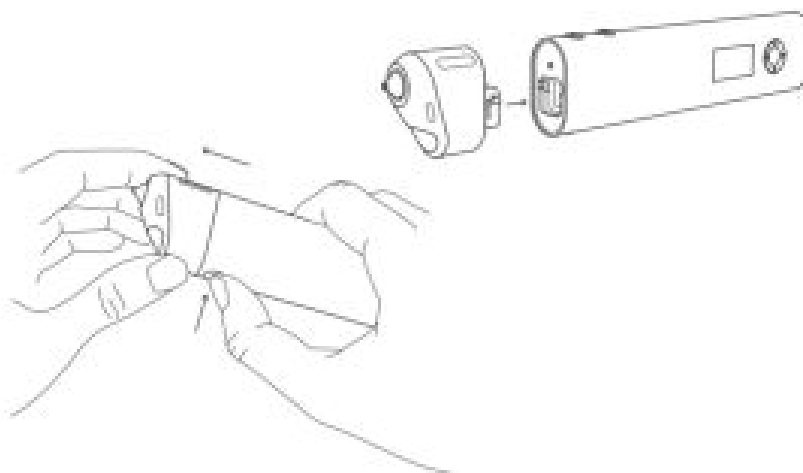
3Dsimo MultiPro uses a Bluetooth connection.

Replacement of extensions

Your 3Dsimo MultiPro already has an extension for the 3D drawing attached after the first unpacking. To remove the extension, first press the attachment release button, then slide the extension out of the device. To insert an extension, insert the selected extension into the device.

The extension will be recognized automatically.

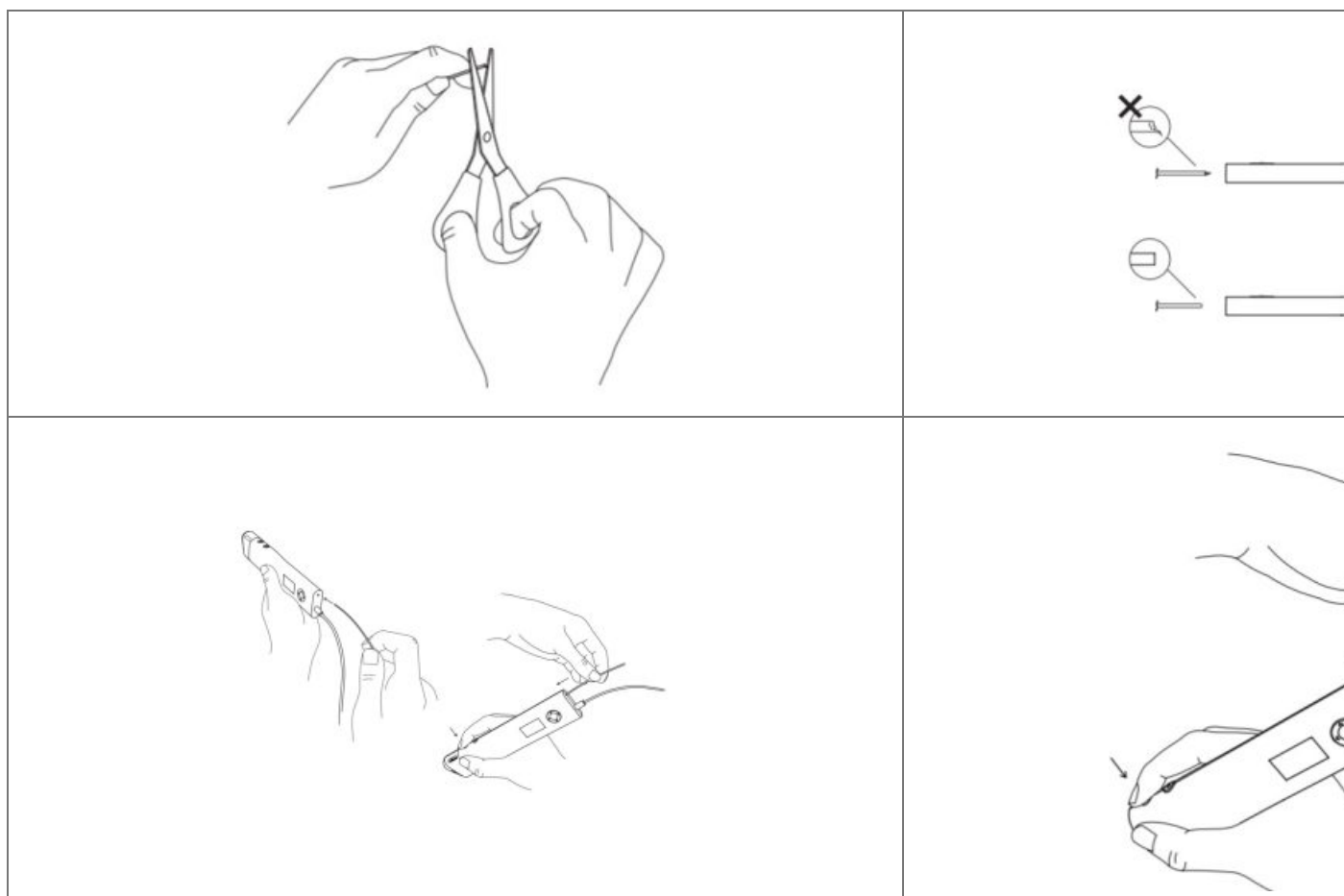
If the extension was inserted for the first time, the instructions for using this extension will appear on the screen, after successful completion you can start using this extension to its full potential.



Extension for 3D drawing

After attaching the extension for the 3D drawing and successfully completing the tutorial, select the correct filament type. You can change the material profile using the 4-way control, pressing the left and right buttons. You can also select a filament insertion speed using the up and down buttons.







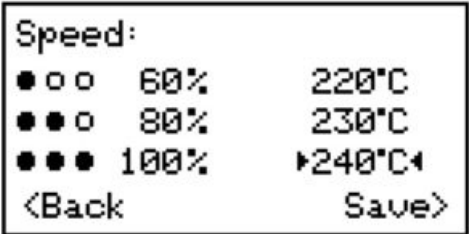
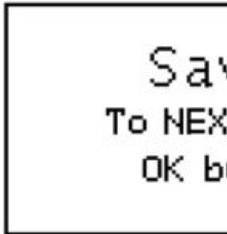
When READY appears on the screen, you can load material. When inserting the filament, it is necessary to push the filament while holding the button in front. After about 5 seconds, the material begins to come out of the nozzle.



Continuous material printing is activated by pressing both buttons at the same time for about 5 seconds.



Configuration of your own material profiles

	
<p>In default settings, press the main button.</p>	<p>This will bring you to the Menu.</p>
	
<p>Validate the My profiles option with the main button.</p>	<p>The option of the current extension is displayed.</p>
	
<p>To create a new profile, move the down arrow to the New profile option and confirm with the main button.</p>	<p>Set the name and use the down arrow to select the speed and temperature settings.</p>
	
<p>The options choice is selected with the main button. Control of the range and move on the screen is executed by arrow keys.</p>	

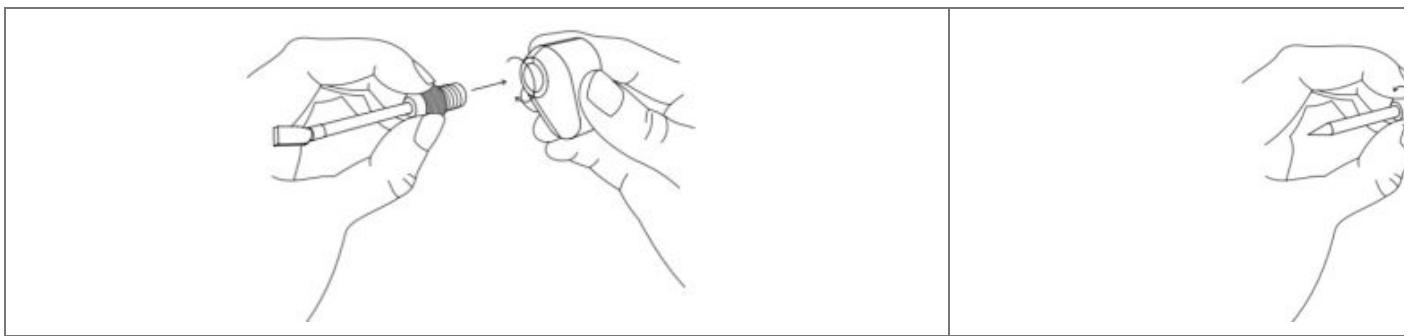
Foam cutting extension

Before the first use, it is necessary to stretch the resistance wire between the grooves at both ends of the attachment (see the image), insert the extension into the 3Dsimo MultiPro, select the desired wire temperature (0 – 100%) and activate the extension heating by pressing the front button.



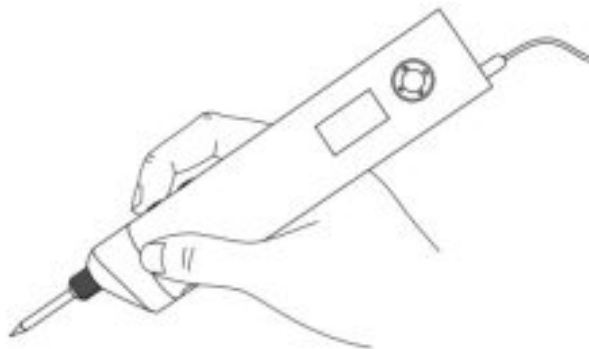
Burning extension

After attaching the extension to burn and successfully completing the tutorial, select the desired temperature of the tip (0 – 100%; 100% \approx 500 ° C / 932 ° F) and turn on the heater for the accessory by pressing the front button.



Soldering extension

After attaching the soldering extension and successfully completing the tutorial, select the desired temperature of the tip (0 – 100%; 100% \approx 470 ° C / 878 ° F) and turn on the tip heater by pressing the front button.



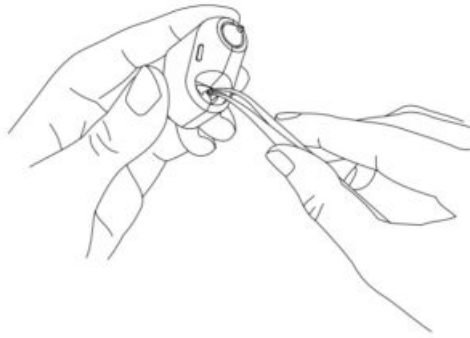
Maintenance

3D drawing attachment

Make sure the filament is not warped, has both ends cut off, and is not rolled up too tight.

Before completing the 3D drawing ALWAYS eject the filament completely out of the tool body, otherwise, the nozzle may be damaged. Store filament in a closable bag.

In case of heavier soiling, the nozzle can be cleaned with paper towels when it is fully heated – CAUTION HOT!



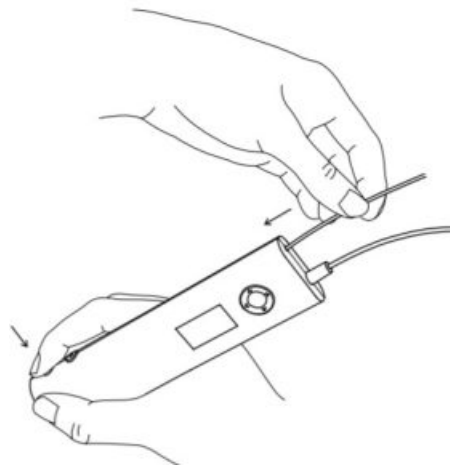
Check that the ventilator is running smoothly. If you see dirt adhering, remove it with tweezers.

Burning and soldering attachment

The accessory can be cleaned with towel paper, never use sharp, hard, or abrasive tools!

This will damage the special layer on the surface and cause unwanted behavior of extension.

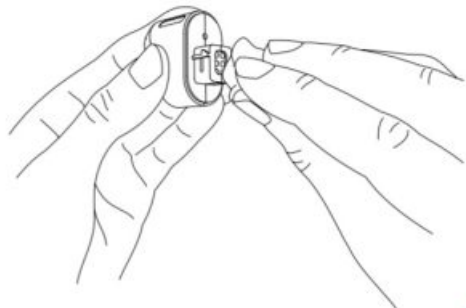
In case of wear, the extensions can be replaced by spare parts, available in the 3Dsimo online store. Unscrew the extension counterclockwise. The tightening of the extension tip should be done with sensitivity and without use of tools.



To remove filament residue, push another piece of filament through the body of the pen without the extension attached.

Resistance wire cutting extension

Contamination of the wire can be removed with a paper towel. If the resistance wire breaks, always use a new wire, available in the 3Dsimo online store.



Gently clean the contacts of all attachments with a dry cloth.

Warning

Risk of burns – 3Dsimo accessories can reach temperatures up to 500 ° C, do not touch the nozzle, tips or resistance wire for a few minutes after use!

Never remove the 3D drawing extensions if it contains filament, it may cause irreparable damage to the nozzle or other components!

This product is not a toy, use by children is only possible under adult supervision!

When storing, transporting and using the 3Dsimo MultiPro, keep the device and all its parts dry and avoid contact with liquids.

Do not disassemble 3Dsimo MultiPro or its parts under any circumstances, in case of a defect contact an authorized service center, or write to: support@3dsimo.com

Do not use the AC adapter if its cord is damaged. In this case there is a risk of electric shock.

Keep this information for future reference.

The manufacturer is not responsible for any damage caused by the use of this device in conflict with these operating instructions.

Avoid contact of volatile or flammable substances with 3Dsimo MultiPro accessories. Warn everybody around you that the extensions reach high temperatures and should not be touched. Allow the extensions to cool completely before putting them away. Otherwise, there is a risk of damage to the case and the accessory.

Always use the original 3Dsimo s.r.o. filament and accessories. Otherwise, it may result in irreversible damage to the 3Dsimo MultiPro or other damage. The manufacturer is not responsible for damage caused by not following instructions.

Specifications

Adapter	
Input voltage:	100 – 240 V AC, 50/60 Hz
Output voltage:	12 V
Output power:	24 W
3Dsimo MultiPro	
Input voltage:	12 – 24 V
Input current:	2:00 AM
Noise:	21 – 30 dB

Certificates

This equipment complies with the European Directive on Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) (Directive 1907/2006/ EC of the European Parliament and of the European Council) and the European Directive on the restriction of hazardous substances in electrical and electronic equipment (ROHS) 2002/95/EC of the European Parliament and of the European Council).

European Safety Standards – This device complies with European safety standards.

Complaints and customer support

The device is covered by a warranty period of 24 months.

In the event of a fault or breakdown, please contact: support@3dsimo.com

The original filaments and accessories are available here: eshop.3dsimo.com


You have a chance to win more 3Dsimo products!

Take a picture of your creation with our tool, post a photo on Instagram with the tag **#3dsimo** and you can win

more great products. Once a month, we reward one customer with additional free products in value up to **150 USD**.



Documents / Resources

	<p>3D SIMO RB-Dsi-18 MultiPro 3D Pen and Foam Cutter [pdf] User Manual RB-Dsi-18, MultiPro 3D Pen and Foam Cutter, RB-Dsi-18 MultiPro 3D Pen and Foam Cutter, F oam Cutter</p>
--	--

Manuals+.