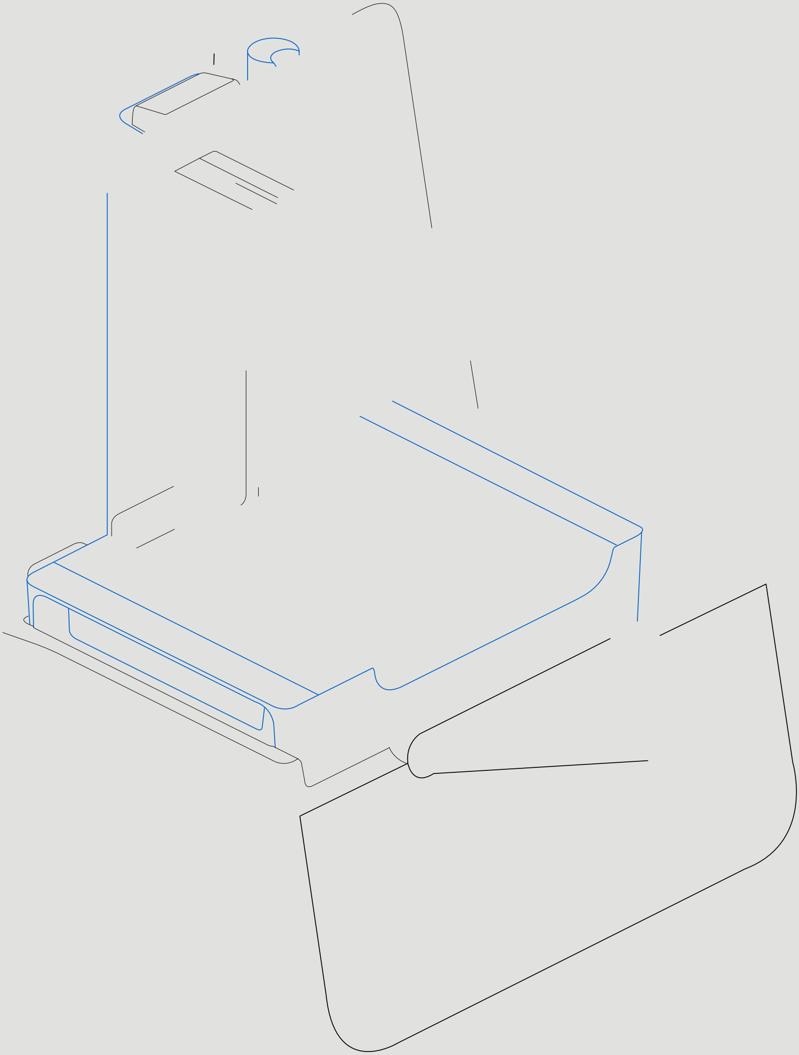
Ma a | Form 3B+



formlabs

[illegible]

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[illegible]

[illegible]

[illegible]

1. Preface

Congratulations on purchasing the Form 3B+. On behalf of the Formlabs team, we thank you for your purchase. These instructions in this manual provide information for qualified persons to understand safe setup and installation, operation, and maintenance of the Form 3B+ 3D printer. These instructions are intended for anyone who is installing, operating, maintaining, or otherwise interacting with the Form 3B+. Supervise younger or inexperienced users to ensure an enjoyable and safe operation.

1.1 Read and Retain Manual

Read and understand this manual and its safety instructions before using the Form 3B+. Failure to do so can result in serious injury or death. Keep all safety information and instructions for future reference and provide them to subsequent users of the product.

Follow all the instructions. This will avoid fire, explosions, electric shocks, or other hazards that may result in damage to property and/or severe or fatal injuries.

The Form 3B+ shall only be used by persons who have fully read and understand the contents of this user manual. Ensure that each person who uses the Form 3B+ has read these warnings and instructions and follows them. Formlabs is not liable for cases of material damage or personal injury caused by incorrect handling or non-compliance with the safety instructions. In such cases, the warranty will be voided.

1.2 Latest Documentation and Information

Visit support.formlabs.com to:

- access the latest version of all Formlabs product documentation.
- contact Formlabs to request documentation, usage instructions, and technical information.
- submit any comments or feedback regarding what's good and what can be improved.
- Formlabs values comments from its users.
- request additional training.

1.2.1 Service and Support

Retain a record of the original purchase to request warranty services. Service options depend on the status of the specific issue and warranty. Include the serial name of the product when contacting Formlabs for product support.

Instead of a serial number, a Formlabs machine has a serial name, which is a unique identifier to track the history of manufacturing stages, and repair, and printing through usage the connected [illegible]. The serial name is on the back panel of the machine in this format: AdjectiveAnimal.

Service providers of Formlabs products also provide support and service. To the extent that Formlabs or a certified service provider provides the extended warranty, the terms of the separate agreement may apply. For products purchased from certified service providers, contact the original service provider for assistance before contacting Formlabs.

For any support or service requests, including product information, technical assistance, or assistance with instructions, contact Formlabs Services or a certified service provider:

support.formlabs.com

USA
Formlabs, Inc.
35 Medford St.
Somerville, MA, USA, 02143

Germany
Formlabs GmbH
Nalepastrasse 18
12459 Berlin, Germany

1.2.2 a a

Th d c ec ed de a a . F ab es a a a f a F ab -ba ded ha d a e. U , he e e a ed, he Te f Se ice, i c di g he Wa a , c i e he e i e ag ee e be ee a d F ab i h ec he Se ice a d a d c cha e f F ab a d ed a i c e a e c ica i , a , a d ag ee e , he he e ec ic, a , i e , be ee a d F ab . Read he a a f e de a he F ab a a f egi :

S	**f**	**a .**	**/**	**/**	**- f-**	**/#**	**a a**	
E (EN)	**f**	**a .**	**/**	**/**	**- f-**	**/**	**/**	
E (DE)	**f**	**a .**	**/ /**	**/**	**- f-**	**/**	**/**	
E (FR)	**f**	**a .**	**/f /**	**/**	**- f-**	**/**	**/**	

2. [illegible]

2.1 [illegible]

The Form 3B+ is a commercial resin [illegible] intended for use in the additive manufacture of end-use [illegible] designs of [illegible]. The [illegible] performance characteristics of [illegible] according to [illegible].

2.2 [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	57 × 51 × 69 cm (22.5 × 20 × 27 in)	24 × 20 × 8 cm (9.5 × 8 × 3 in)	35 × 30 × 8 cm (14 × 11.8 × 3.3 in)	18 × 17 × 8 cm (7 × 6.75 × 3 in)
[illegible]	22.7 kg (50 lb)	1.5 kg (3.3 lb)	1.4 kg (3.1 lb)	0.67 kg (1.5 lb)
[illegible]	17.5 kg (38.6 lb)	1.35-1.6 kg (3-3.5 lb)	0.8 kg (1.8 lb)	0.65 kg (1.4 lb)

[illegible]	Low Force Stereolithography (LFS)
[illegible]	Width: 40 cm (15.5 in) Depth: 53 cm (21 in) Height: 78 cm (30.5 in)
[illegible]	17.2 kg (37.9 lb)
[illegible]	Auto-heats to 35 °C (95 °F)
[illegible]	Air heated resin chamber
[illegible]	100–240 V 2.5 A 50/60 Hz 220 W
[illegible]	1 Light Processing Unit EN 60825-1:2014 certified Class 1 Laser Product 405 nm violet laser 250 mW laser
[illegible]	85 microns (0.0033 in)
[illegible]	The Form 3B+ is a Class 1 Laser product. Accessible radiation is within Class 1 limits.
[illegible]	Wi-Fi, Ethernet, and USB
[illegible]	RJ-45 Ethernet (10BASE-T/100BASE-TX/1000BASE-T) LAN Port Connect with an Ethernet cable (not included): minimum Cat 5, or Cat 5e or Cat 6 for 1000BASE-T.
[illegible]	Protocol: IEEE 802.11 b/g/n Frequency: 2.4 GHz, 5 GHz Supported security: WPA/WPA2
[illegible]	Does not exceed 70 dB(A).
[illegible]	Interactive touchscreen
[illegible]	Automated
[illegible]	145 × 145 × 185 mm 5.7 × 5.7 × 7.3 in
[illegible]	Auto-Generated Removable

2.3 [illegible] E

2.4 [illegible]

3. S af a

Read and understand this manual and its safety instructions before using the Form 3B+. Failure to do so can result in serious injury or death.

S e e g i e e ie ced es , es e e , ab e a d afe e a i .
The i c i c ai a i g a d afe i f a i , e ai ed be :

This product has demonstrated EMC compliance under conditions that included the use of compliant peripheral devices and shielded cables between system components. It is important that you use compliant peripheral devices and shielded cables between system components to reduce the possibility of causing interference to radios, televisions, and other electronic devices.

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

4. a a a S

4.1 A a a

Ch e a abe, e e ace is a a d e a e he F 3B+. Ch e a ca i e a a e f a achi e i g ha ge e a e d a ch d e a i g e i e . Re e e he f i g i i di e i f he c e ie acce :

: 40 c (15.5 i) **D** : 53 c (21 i) **H** : 78 c (30.5 i)

A addi i a ace f acce ie ch he F 3B+ Fi h Ki , F Wa h, a d F C e.

4.2 F 3B+

D i g b i g, i ec he F 3B+ f a da age i i g ie . I he ca e f da age i i g ie , c ac F a he ce i ed e ice ide .

F 3B+:

1. O e he b f he . If he b ha a ide ga e, f d d he ide f he b .
2. U e he ided ha d e if he i e, i ca ie a , f he b .
3. Re e he i e f he ca ie a a d e he i e i ace.
4. Re e a addi i a a i g a d ac agi g f he ide f he i e.

Remove all packaging material and release the Light Processing Unit (LPU) housing before connecting power.

a L f :

1. O e he i e c e.
2. Read a d e-1.24 -1 ,(B F-1.24 -1 ,(B)T`2K4 Tf0 Tc 0 -1.437 Td(1.)T`/S a Ac a Te EFF0009 a12
2.

is required for warranty service.

4.3 I a F 3B+

4.3.1 C Ca

C, ec he , e cab e , he i e a d he , es _ .

Fi es ca be _ ,aded ia USB, Wi-Fi, , E he e . F, USB, c, ec he i e , a ea b c, _e. F, E he e , c, ec he i e , a E he e , .

4.3.2 L

It is important that the printer sits level so resin does not overflow from the tank during printing. All four feet must rest on a solid surface to ensure optimal print accuracy.

The F, 3B+ s be c, e e e e bef, e i i g ca begi . If , ed, s e he e e i g d c , a e , e each f, , f , i e .

F 3B+:

1. C, ec he i e , , e. If ec a , he , _c ee , s e , f he e e i g d c.
   a. The i i ia i e s e _ s e _e ce i c _d he e e i g , ced e.
2. F, , he , s ee is _c i, s , ad s he fee _ de he i e.
3. Is e he , _ d e e i g d c _ de he d ig a ed c, e. P s h _ i he e e i g d c c ic s , , he f, , .
4. R, a e he , , c, c s e , a e a d c, _ e -c, c s e , , e he heigh , f he i e.
   a. The i e s his i h each f, , f_ e ac ed. The heigh , f he fee ca , be a ed

d i g he i i ia i e s e _ .

5. Ad s he fee _ i he , _c ee i dica he i e s e e .

4.3.3 I a a M

CAUTION

Spill hazard. Resin may spill over the tank walls if the resin tank tilts more than 5-10°. Hold the resin tank level with two hands. To inspect and clean the underside of the tank, empty the resin tank and/or take care to avoid spilling resin outside the tank.

WARNING

Resin may cause skin irritation or an allergic skin reaction. Wear gloves when handling liquid resin or resin-coated surfaces. Wash skin with plenty of soap and water.

a a :

1. O e he i e c e.
2. Re e he id f he a ca e.
3. Re e ac agi g a e ia f he a .
4. Lif he i a i h e ha d each ide.

Avoid contaminating the underside of the resin tank with fingerprints or liquid resin.

5. A ig he i a ide a i h he ef a d igh a ca ie a .
6. P h he ide ha d - Ac a TT 1.24 0 Td(A ig he)T(i a ide a i h a d Td(A ig he)T

[illegible]

4.4.1 Connecting via USB

Use the included USB cable for connecting a computer directly to the printer.

1. Plug one end of the USB cable into the back of the Form 3B+.
2. Connect the other end to a computer's USB port.

4.4.2 Connecting via Ethernet

The rear of the printer is equipped with a RJ-45 Ethernet (10BASE-T/100BASE-TX/1000BASE-T) LAN Port. Connect to a LAN with an Ethernet cable (not included): minimum Cat 5, or Cat 5e or Cat 6 for 1000BASE-T.

1. Plug one end of the Ethernet cable into the back of the Form 3B+.
2. Connect the other end to your LAN.

4.4.3 Connecting via Wi-Fi

The Form 3B+'s built-in Wi-Fi (IEEE 802.11 b/g/n) supports WPA/WPA2 security. Use the Form 3B+'s touchscreen to configure a wireless network connection.

When connected to an active Ethernet connection or available Wi-Fi network, the Form 3B+ can be configured with a static IP address.

To connect with Wi-Fi using a manual IP configuration:

1. With an established Ethernet or available Wi-Fi connection, open the printer's Settings menu on the touchscreen.
   a. For Wi-Fi networks, tap Wi-Fi, then the desired wireless network.
   b. For Ethernet connections, tap Ethernet from the Settings menu.
2. Toggle the Manual IP setting to ON.
3. Input the appropriate IP Address, Subnet Mask, Default Gateway, and Name Server.

4.5 Packaging the Form 3B+

Refer to the Technical Specifications for product weight and dimensions. Keep the packaging for transportation or shipping. The printer's complete packaging consists of:

1 outer carton, cardboard	1 upper insert, foam
1 lift tray, cardboard	1 front insert, foam
1 bottom insert, foam	

NOTICE

Do not ship with resin inside the printer. Resin left inside the Form 3B+ can damage the printer in transit, which may lead to additional fees or void the warranty.

To package the Form 3B+:

1. Always remove the build platform, resin tank, and cartridge before moving or packaging the Form 3B+ printer.
2. Wipe residual resin off the build platform and store the platform away from sunlight.
3. Store the resin tank in the tank case.
4. Store the cartridge with the valve cap secured and the valve cover installed.

NOTICE

When shipping a printer to Formlabs for service, the build platform, resin tank, power and USB cables, and other accessories should not be shipped and will not be returned after service. The printer's original packaging is required for warranty service. Contact other certified service providers for unique guidance on shipping requirements.

a a F 3B+:

1. If he i es e cadb ad ca ha bee c a ed a b ea e bi g a d ec e a i g he b b e i g.
2. T ec e he LPU h i g f hi i g:
   a. Ta he e chic he ch ee e he Se i g e . Fi d a ee ec he hi i g i e a e he i e f hi i g.
   b. Di c ec he e cab e.
   c. O e he c e a d ca e he hi i g a ch i g i he ef ide f he LPU h i g. The LPU h i g i he LPU ga age he igh ide f he i e.
   d. A ig he i he a ch i h he ce h i he ide f he LPU h i g. The h ide f he a ch h d be ie ed a a f he f f he i e a d i a d f he LPU h i g.
   e. L e head he h b e e h gh he a d i he LPU h i g.
   f. S ide he a ch a d he f f he i e ha i e gage i h he i ide f he i e he . If ece a ad he i f he LPU b a a i g he ead ce a he bac f he i e ca i . The hi i g a ch h d a a agai he LPU h i g he i e gage i h he i he i e he .
   g. Tigh e b h h b e e ec e he a ch. The a ch d e he b h h b e a e igh e ed.
3. C e he i e c e.
4.

5. F 3B+

5.1 a a E

The e a i g e e a e f F ab i es 64 82 F (18 28 C). F i a i i g, IPA is flammable. Keep containers closed, and keep out of the reach of children.

4. Post-Cure: Use Form Cure to expose printed parts to light and heat to stabilize the parts for performance.
5. Post-Processing: Remove supports, then [illegible] sanding, priming, painting [illegible] of printed parts.

In an emergency involving resin, always refer to the Safety Data Sheet (SDS) and/or seek help from a medical professional.

Whe ha di g IPA, a a c he afe Da a Shee (SDS) f he IPA ie he i a ce f i f a i . Ha de IPA i h g i a e e i a ed a ea. Kee a a f hea a /.947 0.91 8c4 033a eA i h e a

6.

6.2 I a B

6.2.1 I B a

The bi e a e ca ed he de ide f he e i ca idge. Th e ib e ea eg a e i di e i g. Re i f he e i g i he ce e f he bi e a e he he ca idge di e e a ee he a e e.

Whe i chi g a d ee e e i ca idge, i ec he bi e a e f a c ed e i da age.

6.2.2 I a I

See **6.5.2 Maintain the Resin Tank.**

6.3 M I a Ma a a

6.3.1 ID C a a Ca

ID (ide i ca i) chi e i a a d e i ca idge de ec ac a d a ch he e i e i he a i h he e e i ca idge. The ID chi he de ide f each a f a e a d he b f he ca idge ea he bi e a e.

R ec he ID chi he a ca ie he a i g ge a d he ca idge i g ge f e i c a i a i da age. C ed e i c a i a i e e he i e f e ide if i g a ca idge e i a d i g i e i e. A id e i g he ca idge ID chi he e i a ID chi he a ca ie a d he a i g ge i id e i .

6.3.2 C a ID C S F

6.5 a Ma a

F de ai ed g ida ce a d a a ce ea ch .f a . .
Mai e a ce ha be d e acc di g he f i g a :

U da e he a e	Whe ReF i dica a e a e i, a ai ab e	6.5.1
Re ace he i a	Re ace he ea he begi ec i ai	6.5.2
Re ace he i ca idge	Whe he ca idge e , af e 1 i e f i i g	6.5.4
Fi e he i	Whe ca a ee a ic i he a	6.5.3

6.5.1 a F 3B+ F a

F ab eg a e e da ed a e b a di e f c i a i . Re ie he ReF a d a e e e e ea e ab he i e e ha c e i h each i e e e.

6.5.2 Ma a a

Spill hazard. Resin may spill over the tank walls if the resin tank tilts more than 5-10°. Hold resin taspill 0.0

Deb c a i a i i he i :

See **6.5.3 Filter the Resin.**

C ea , deb fee i he a id i fai , hich a da age he a .

Se ed ig e i he i : R i ig e ca e e he . T e e he i f c i ide he a agai he e e ed ig e .

T c ea he de ide f he :

1. A a a f c ea IPA a PEC*PAD.
2. Wi e he face f he e e c a i a i i .

T c ea he R i Ta f a e e e i :

3. U e a a e e c ea i f he e e i f he a f a e.
4. Kee he ide f he a c ea a d f ee f i .
5. A id i he de ide f he , beca e he c a i a i a i i fai a d/ da age he e h de .

a

7. [illegible]

F[illegible] detailed guidance [illegible]

7.1 C[illegible] D[illegible] L[illegible]

The F[illegible] 3B+ [illegible] diagnostic [illegible] provide detailed i[illegible] about the [illegible]

   e. Lift the cured resin out of the resin tank.
      1. If the tank tool cannot hold the cured resin:
         2. Attach the top part of the tank tool to the bottom part.
         3. Squeeze the cured resin between the two ends.
   f. Rest the cured resin on the paper towel.
5. Dispose of cured resin. See **8.11 Disposal of resin.**
6. Clean the tank tool and work area.

[illegible]:

1. Apply clean IPA to a clean paper towel.
2. Wipe the surface of the tank tool to remove resin.
3. Allow the tank tool to air dry.

[illegible]:

1. Remove the tank tool in the Form Wash basket.
2. Set Form Wash to clean for 5 minutes. Increase the time for solvent that is less fresh.
3. Allow the tank tool to air dry after washing.

7.4 [illegible]

In the case of an error or abort [illegible] an activity with the Form 3B+, reference the following errors, causes, and proposed solutions. Complete the initial troubleshooting steps and carefully document all results. Contact Formlabs or a certified service provider for additional assistance.

7.4.1 [illegible]

The bite valve does not dispense resin.	The silicone material has sealed itself. Resin may cure over the bite valve opening.	To troubleshoot a closed bite valve: 1. Close the vent cap and remove the resin cartridge from the printer. 2. Turn the cartridge upside down to inspect the bite valve. 3. Squeeze the valve a few times to open up the seal and enable resin flow. 4. If squeezing the valve does not enable resin flow, carefully use the tip of the tweezers from the Finish Kit or Form Wash to push through the opening to enable resin flow. 5. If the bite valve seal remains closed after troubleshooting, contact Formlabs Support for additional help. Submit photos of the bite valve seal with your request.
The storage Print icon is not available in PreForm.	The printer may not be properly connected to the same local network.	Consider the following: Check to see that you do not have other open instances of PreForm. Save all [illegible] before restarting PreForm. Re-connect your printer to establish a proper connection.
Missing Resin Tank; Missing Cartridge	The ID chip(s) is dirty or missing.	1. Fully remove the resin tank and/or cartridge. 2. Check the ID chip on the resin tank and/or cartridge to ensure the ID chips [illegible] and clean. 3. Clean the ID chip, if necessary. See **6.3.1 [illegible]**. 4. Re-insert the resin tank and/or cartridge.

H e . Li e M des ha e i ea c s h e .	Ob c i i he ica a h b c he a e f c i g e i i a eci c a f he de .	C ide he f i g: Chec he de ide f he i a .908 -42.32 30

8. Disposal

8.1 Guidance for Storage and Disposal

CAUTION

Refer to the Safety Data Sheet (SDS) and local authorities for guidance on disposing of IPA.

8.1.1 Disposal of resin

Liquid resin (whether the resin is liquid, dissolved in a cartridge, or partially cured) may be considered a hazardous waste and should be disposed of with care.

Disposing of resin cartridges:

In the United States, empty resin cartridges are not considered RCRA empty by EPA standards and cannot be thrown in the garbage as regular waste.

Optionally, triple-rinse the cartridge with fresh IPA to ensure the resin cartridge surfaces are free of excess resin. Add the resulting dirty IPA to your solvent waste stream in accordance with governmental regulations.

Curing of liquid resin:

1. Remove the resin tank.
2. Transfer or dispose of the remaining resin.
3. Pour the resin from the build tank into the container. If there is debris or cured parts in the resin, filter the resin before transferring it into a new tank.
   a. Pouring resin back into the original cartridge risks contaminating the cartridge with cured resin pieces or debris, which can cause print failures.
4. Use a paper towel to wipe any remaining resin from the build tank.
5. Place the build tank in sunlight (a window sill) or UV light to cure excess resin, and dispose of once cured.

Disposal of cured resin:

To dispose of solid resin (resin that has been cured or dissolved in a cartridge), add it to your chemical disposal as waste.

If you are disposing of a large amount of resin:

1. Pour small amounts of resin into a labeled, resin-compatible container.
2. Leave the container outside, exposed to sunlight for 1-10 days. Exposure to 405 nm light and heat from the sun provides effective curing. The liquid resin cures to solid as it is exposed to light and heat.
3. Dispose of the fully-cured resin and container in the trash.

Disposal of cleaned parts and cured resin:

Discard cleaned parts and cured (hardened) resin with household trash. Cleaned parts and cured resin cannot be recycled.

8.1.2 Disposal of IPA

Safe and appropriate disposal methods of used IPA vary by location.

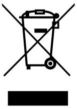
Safe disposal of IPA:

1. Consult the safety data sheet (SDS) for the IPA supplier as the primary source of information.
2. Research local regulations governing approved methods of disposal. This may involve hiring a waste disposal service, or checking with local disposal services to see if they have any suggestions for your area.

3. Inform your waste disposal service that your bottle contains IPA with small amounts of methacrylated monomers and oligomers (unpolymerized plastic resin) and trace amounts of photoinitiator. Have a copy of the resin SDS on hand in case the waste [illegible] needs more information.

For larger volumes of IPA, consider using a solvent recycling system, which makes a cost-effective and more environmentally responsible alternative to paying for waste solvent disposal services. Solvent recycling systems use distillation and fractionation processes to remove solutes from waste solvents, making it possible to re-use the IPA to wash parts. The recycled IPA may still have small amounts of monomer in it. Recycling IPA reduces waste disposal costs, emissions that are required to produce new solvents, and the cost of purchasing IPA.

8.1.3 Disposal of [illegible]



The symbol on the product, the accessories, or packaging indicates that this device shall not be treated or disposed of with household waste. When you decide to dispose of this product, do so in accordance with local environmental laws and guidelines. Dispose of the device via a collection point for the recycling of waste electrical and electronic equipment. By disposing of the device in the proper manner, you help avoid possible hazards for the environment and public health that could otherwise be caused by improper treatment of waste equipment. The recycling of materials contributes to the conservation of natural resources. Therefore, do not dispose of your old electrical and electronic equipment with the unsorted municipal waste.

8.1.4 Disposal of packaging material

Save the Form 3B+ packaging for transporting your printer. Original packaging is required for warranty service and designed to be [illegible] and tested for transportation or shipping.

The packaging is made of cardboard and plastic-based materials. Dispose of packaging through local waste and recycling facilities. By disposing of the packaging in the proper manner, you help avoid possible hazards for the environment and public health.

[illegible]	The Form 3B+ utilizes a 100–240 V power supply. The internal power supply converts input power to +24V DC.
[illegible]	The resin tank is the container for holding resin after it is dispensed from the cartridge. Resin is cured onto the build platform through the flexible film at the tank bottom. Over time, accumulated material and debris cause [illegible]; clean the resin tank and [illegible].
[illegible]	The resin tank's ID chip is an Electrically Erasable Programmable Read-Only Memory (EEPROM). The antenna [illegible] reads the chip to detect the unique tank ID and [illegible] resin type.
[illegible]	Segmented [illegible] tracks ([illegible]) act as bearing surfaces for the rollers of the LPU housing as it goes across the resin tank. The [illegible] guide the [illegible] optical window [illegible]. Clean [illegible] regularly.
[illegible]	Five [illegible] locating [illegible] the resin tank to the carrier: (1) Rear tab: a [illegible] locating from the back of the resin tank. (2) Side tabs: [illegible] locating from the left and right sides. (1) Top tab: a [illegible] locating [illegible] the resin tank during printing [illegible] the cover. (1) Front tab: the grasp [illegible] attached to a [illegible], which [illegible] the front of the resin tank below the cover.
[illegible]	The mixer [illegible] through the resin tank and [illegible] the [illegible]. The tank carrier is covered by the [illegible] the [illegible] the [illegible], Level Sense, [illegible], and [illegible].
[illegible]	The resin tank's side [illegible] each side of the tank carrier. While [illegible], the [illegible] the tank [illegible].
[illegible]	Each resin tank [illegible] a lidded container for storing the resin tank [illegible] the [illegible].
[illegible]	Plastic handles on each side of the resin tank [illegible] for [illegible], [illegible], and [illegible] of the tank. Avoid touching the bottom of the resin tank, [illegible] that [illegible] the optical path.
[illegible]	This [illegible] at the back of the resin tank [illegible] the cartridge [illegible] receives resin from the cartridge.
[illegible]	These electrical contacts, at the back of the resin tank carrier, read the resin tank's EEPROM ID chip [illegible] the [illegible] to PreForm.
[illegible]	Inspecting and cleaning the [illegible] of the resin tank [illegible] special [illegible]. This [illegible] the [illegible] clean the [illegible] surface.
[illegible]	The LCD capacitive touchscreen interface displays printer status, [illegible], and [illegible] messages.
[illegible]	The Form 3B+ can connect to a computer via USB. The [illegible] connected to the [illegible] the board and can be accessed from the back of the machine.
[illegible]	The [illegible] of the cartridge [illegible] change, [illegible] dispensing. Push the [illegible] to [illegible].
[illegible]	The Wi-Fi antenna enables the Form 3B+ wireless connectivity. The antenna [illegible] through a [illegible] the [illegible] to the board.

[illegible]	This vertical [illegible] at the back of the [illegible] [illegible] of [illegible] as [illegible] of the F[illegible] 3B+. The building [illegible] a [illegible] [illegible] and [illegible]ed

11. Product Compliance

F 3B+ f a a a af a a :

Electrical

UL 60950-1, 2nd Edition, 2014-10-14
CAN/CSA C22.2 No. 60950-1-07, 2nd Edition, 2014-10
IEC 60950-1: 2005 + A1: 2009 + A2:2013
EN 60950-1:2006 + A11:2009 + A12:2011 + A1:2010 + A2:2013

Laser

IEC 60825-1:2014
EN 60825-1:2014

FDA performance standards for laser products except for conformance with deviations pursuant to Laser Notice No. 56, dated May 8, 2019

UL File Number E477754