

Version 1.2, May 2022

Einstein™ Quick Start Guide

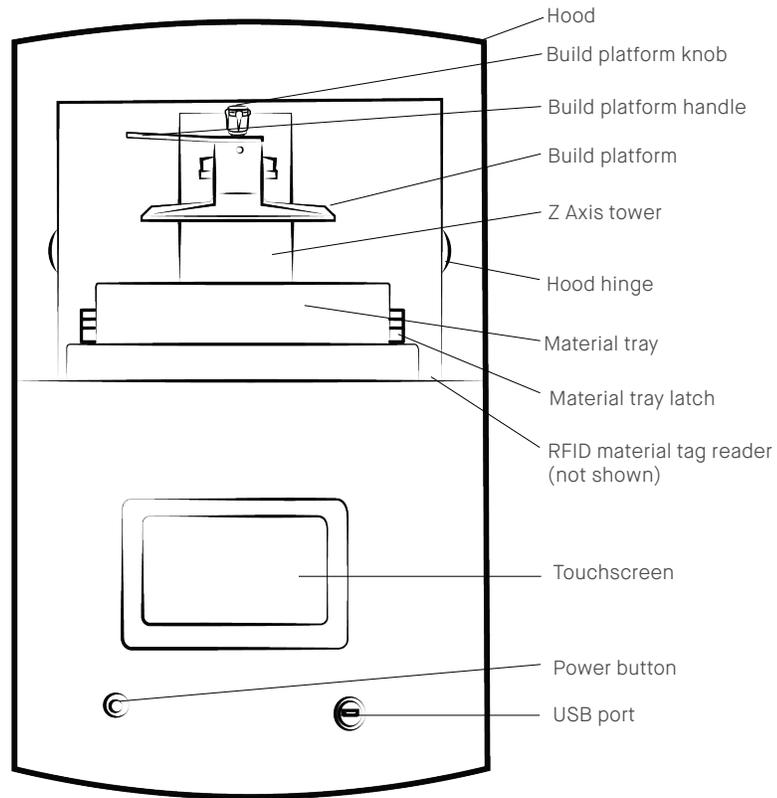
Instructions for unboxing and connecting your printer



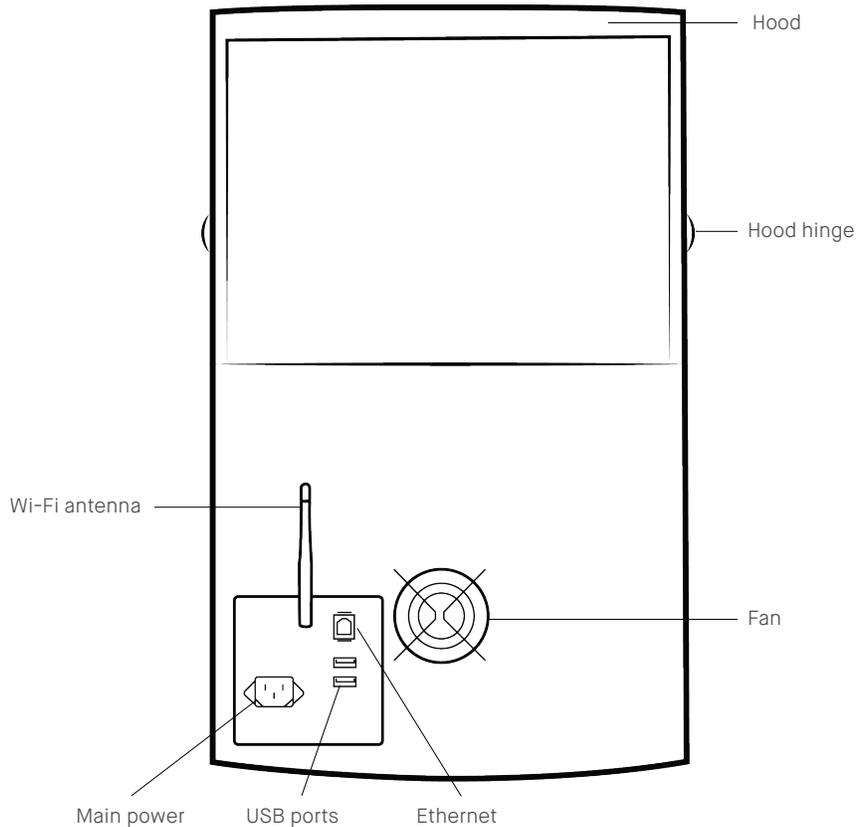
Desktop Health™

Einstein Printer Components

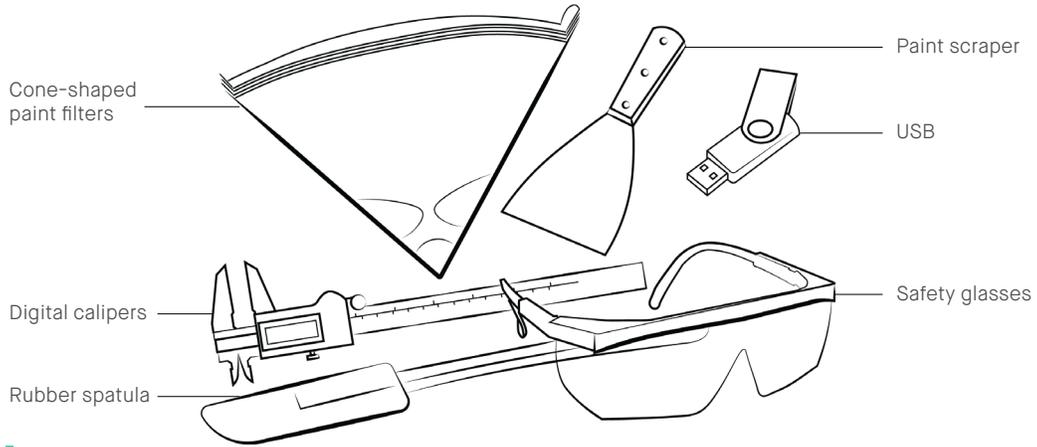
Front



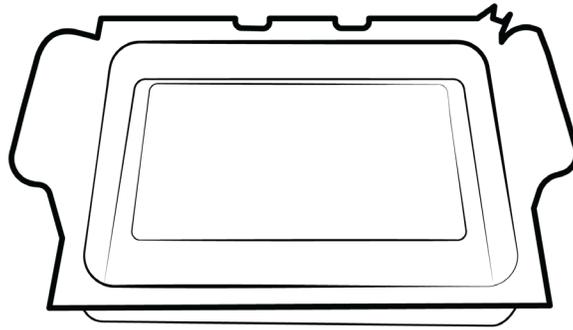
Back



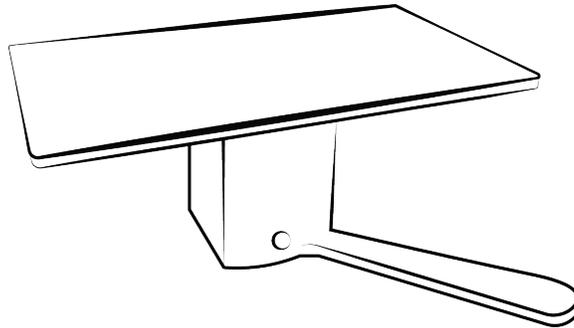
Starter Kit



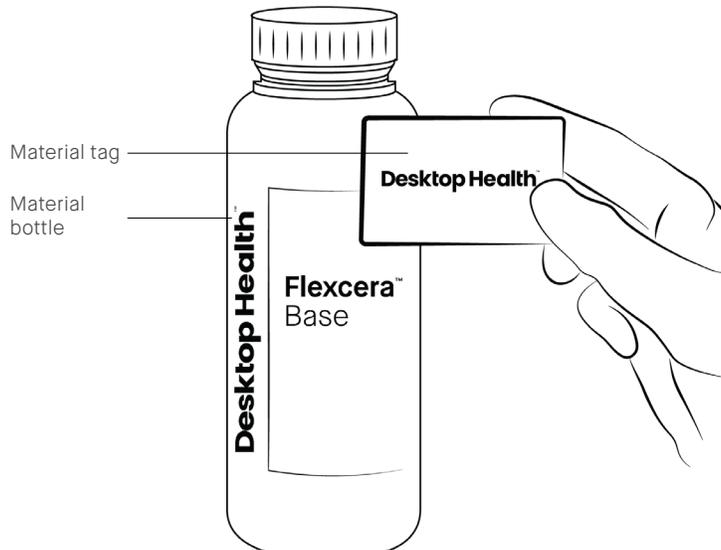
Material Tray



Build Platform



Material Bottle, Material Tag



Welcome to your Einstein™

Glossary

Starter Kit

The Starter Kit includes useful tools for the 3D printing workflow. The most important item in the Starter Kit is the USB drive, which contains the Einstein Operations and Maintenance Guide, buildstyles (printing parameters) for your materials, and more.

Material Tray

The material tray consists of two plastic frames with a special membrane, the Pre-Stretched Assembly (PSA) between them. The PSA fits snugly over a piece of glass when installed on the printer.

Build Platform

The build platform is an assembly comprised of a flat platform, a handle, and a connection cavity. The flat area of the build platform is where cured material will adhere during the printing process.

Material Bottle, Material Tag

Desktop Health offers a rapidly growing leading dental portfolio with over 60 validated materials. A material tag is adhered to every material bottle. The Einstein utilizes the latest RFID technology (Radio Frequency Identification) to track the material level in the material bottle.

Icons



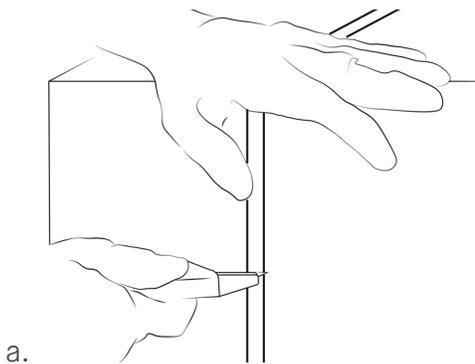
At least two people are required.



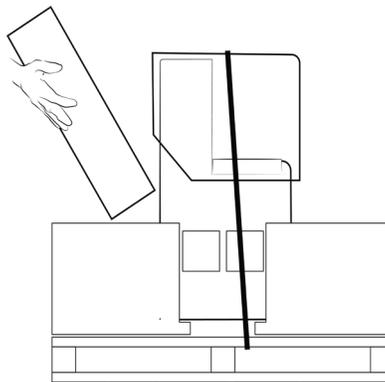
Heavy- lift/handle with care.

Unbox

1. Unbox the Einstein printer:



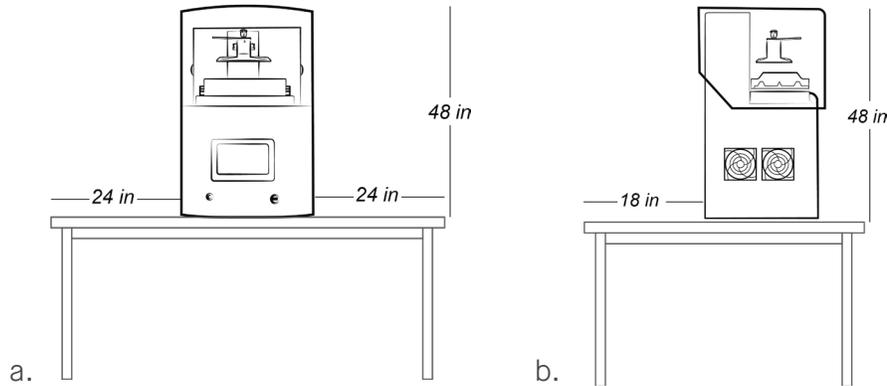
a.



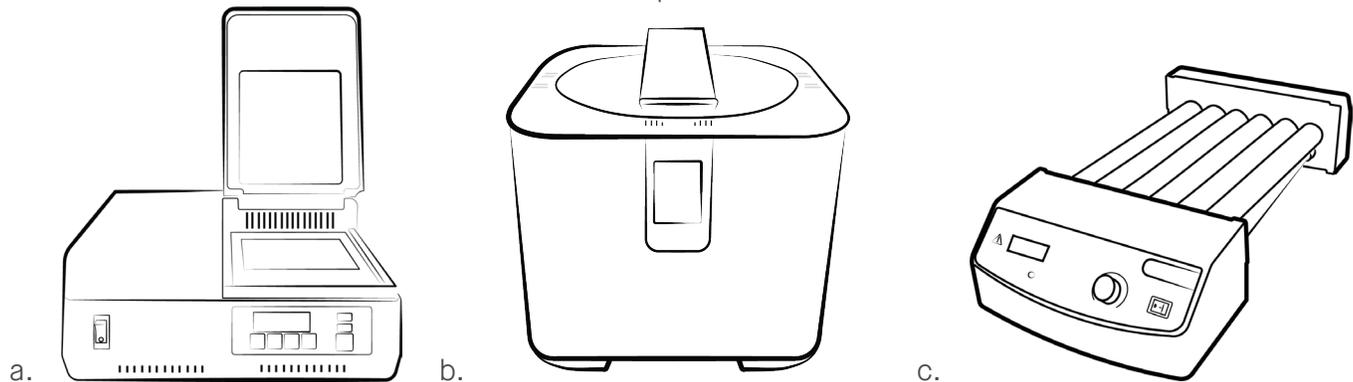
b.

- a. Carefully cut the box straps with a box cutter and discard. Remove the top of the box and set it aside. The box will be stored for later use.
- b. Remove the External Hardware box and place it on a sturdy work surface. Remove the vinyl strap holding the printer in place.

2. Position the Einstein printer:  



- a. USING ASSISTANCE, lift the Einstein printer from the base up onto a stable tabletop surface. Do not lift the printer by the hood. Remove the plastic wrap and discard.
 - b. Leave enough clearance for operation, maintenance, and heat dissipation.
3. Save and store the printer box. Place it in storage with the “Please do not discard, this crate accompanies 3D printer” sign attached to the sides.
4. Unbox the Accessories Box, if ordered. Desktop Health accessories:



- a. Curing units: Otoflash and PCA 4000
- b. Washing unit: PWA 2000
- c. Bottle roller: Dual Motion Bottle Roller

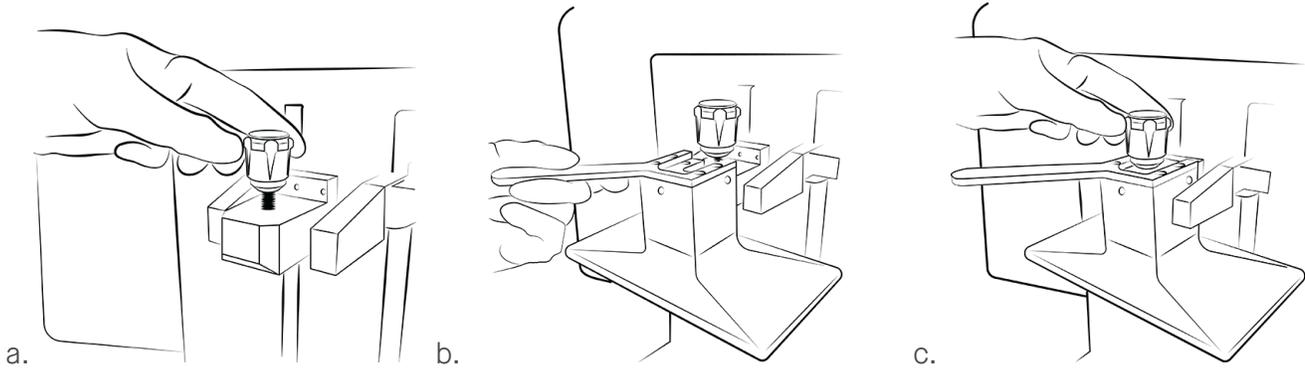


Important: Unboxing and operations instructions are available for all accessories in the knowledge base: qrco.de/DHAccessories

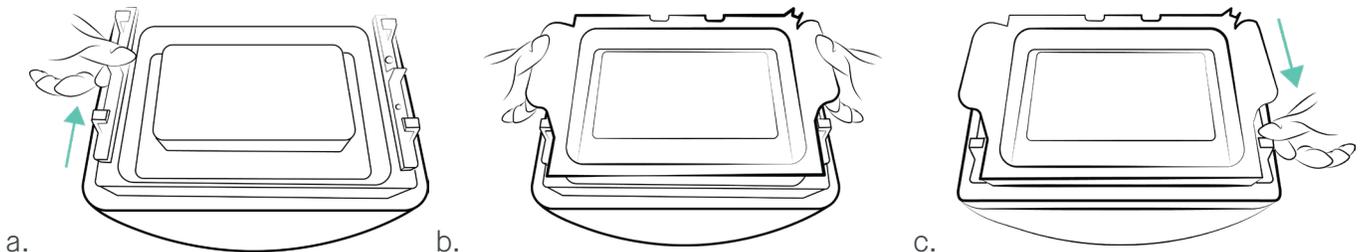


Setup

1. Unbox the Build Platform in the External Hardware Box.
2. Install the Build Platform:



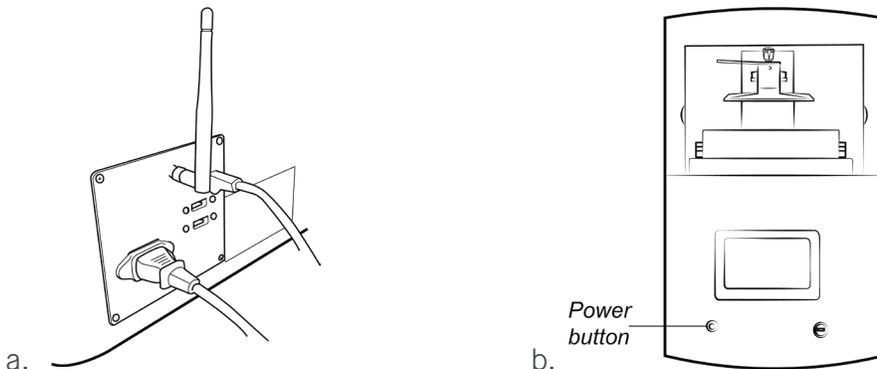
- a. Open the printer's hood. Turn the build platform knob on the top of the printer a couple times to loosen it.
 - b. Slide the build platform into the build platform housing at the top of the Z-axis tower.
 - c. Turn the build platform knob to tighten and secure the build platform in place.
3. Unbox the Material Tray in the External Hardware Box. Take care not to touch the film/membrane.
 4. Install the Material Tray:



- a. Locate the red latches on the right and left of the build area. Push the red latches toward the back of the printer to unlock.
- b. Lower the material tray into the printer until it is fully seated.
- c. Pull the red latches towards you to lock the material tray. Listen for the click.

Connect

1. Plug & Play.



- a. Plug the power cable, Wi-Fi antenna and ethernet cable into the back of the Einstein printer.
- b. Quickly press and release the power button to turn on the Einstein.

Next Steps

Envision One RP Software

Envision One RP automatically orients your model, adds supports, if necessary, and sends the file to the printer, resulting in your three-dimensional model.

Download Envision One RP software: qrco.de/RPDownload



Important: Envision One RP requires Windows 10 or higher.
Envision One RP software is not compatible with MAC OS.

License for Envision One RP

There are two license types available for Envision One RP software:

- The Standard license allows you to use all software functionality for 12 months.
- The Trial license allows you to use all software functionality for 14 days.

View instructions for requesting and applying a license: qrco.de/RPLicense



Buildstyles for Envision One RP

Buildstyle is a set of parameters that communicates with a printer on how to process the material it is printing.

- If your Einstein is connected to the network, then all buildstyles are added automatically.
- If your Einstein is not connected to the network, then you will need to install buildstyles.

View instructions for installing a buildstyle: qrco.de/Buildstyle



Desktop Health Knowledge Base

Find more information at knowledge.desktophealth.com

Einstein

Printer Operations and Maintenance Guide, Site Prep Guide, workflow, and much more: qrco.de/DHEinstein



Software

Instructions to install the software, set up a print job, and all software operations: qrco.de/DHSoftware



Accessories

Setup, operations, curing and washing times for your accessories: qrco.de/DHAccessories



Materials

Safety Data Sheets, Instructions for Use, and Material Best Practice Guides: qrco.de/DHMaterials



knowledge.desktophealth.com

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