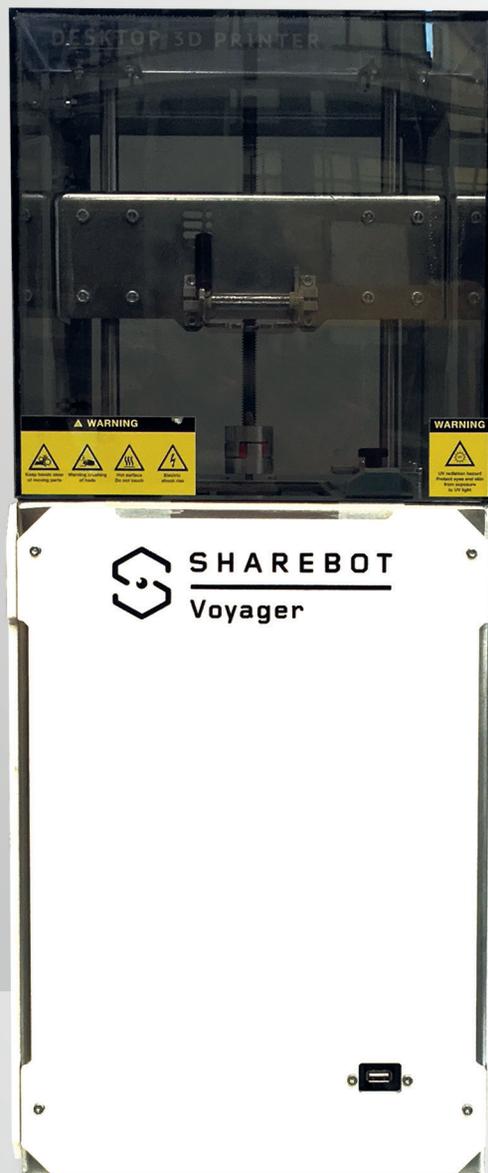




SHAREBOT

3D PRINTERS



Voyager

HIGH DEFINITION WITH DLP TECHNOLOGY
MANAGEABLE IT WHENEVER YOU WANT, WHEREVER YOU ARE

www.sharebot.it

DESCRIPTION

Sharebot Voyager uses the DLP technology to create high precision objects featuring excellent definition even on the tiniest features.

The integrated FULL HD projector strikes the printing material (resin) with a UV ray which impresses an image on it. Once the resin has been hit by the ray, it becomes solid. Thanks to the Z axis vertical movement, the process is repeated layer after layer to create the final model.

This process allows for a very rapid manufacturing of objects featuring smooth and polished surfaces: this fast resin solidification reduces the time needed to create an object making Voyager the perfect professional working tool for modeling and prosthodontics.

The resins are developed internally by the Sharebot R&D department, aiming to offer different resins for each different final use they are destined for. Changing the material's chemical composition it's possible to produce more resistant or more elastic resins. It's also possible to produce castable resins. Castable means that the resin evaporates completely without leaving any residue when placed in a furnace.

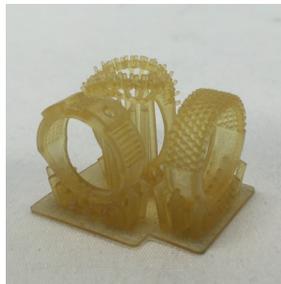
The printer's managing software is already integrated: it's possible to create and generate supports for a models on a computer then send it to Voyager through the wireless connectivity. After the printing process started, you'll be in full control of it remotely.

APPLICATIONS



DENTAL

The high resolution provided by Sharebot Voyager permits to print extremely clear models in a sector where precision and accuracy are so important. Thanks to our R&D team, the user can choose between a wide range of different resins.



JEWELLERY

Sharebot Voyager works with castable resins .and it can prints even the smallest detail on every jewellery model. The printer is also compatible with all the main jewellery design software normally used in this field.



MODEL MAKING

DLP technology requires 30 minutes to print a centimeter, allowing to create a model a precise model in just few hours. Sharebot R&D developed resins allow to print both with hard, castable or elastic materials.

SHAREBOT - PROUDLY MADE IN ITALY WITH LOVE

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TECHNICAL DETAILS

PRINTING AREA

54 x 96 x 100 mm

MAX PRINTER SPEED IN Z

30 min/cm*

MAX PRINTER SPEED IN VOLUME

200 cm³/h

SOFTWARE SUPPORT GENERATOR

integrated

OS

32 bit windows

SHAREBOT-3D INCLUDED

1/5 ghz quad core, 1gb

FULL CONTROL

wifi

SOFTWARE PRINTER CONTROL VIA WEB

integrated

PRECISION XY

50 micron

SLICE THICKNESS

20/100 micron, *depending by the used resin*

PROJECTOR LED UV FULL HD

1.920x1.080px

BRIGHTNESS

3.000 ansi lumen

CONTRAST

10.000:1

LAMP LIFE

5000 hours

CURABLE RESIN

rigid, elastic, castable

MACHINE SIZE

65 x 25 x 40 cm

WEIGHT

about 25 kg

MANUAL AND SUPPORT



Framing the QR-code to **download** the complete manual

For all the details visit www.sharebot.it