

FAQs

Why ALL-IN-ONE verses a regular 3D printer?

You can do more with 3D copy technology! ZEUS features an on-board computer with pre-loaded software. There's no hooking up to a PC. No complicated software to learn. It's the fastest way to get up and running with this exciting new technology.

What printing material does ZEUS use?

ZEUS uses a biodegradable thermoplastic aliphatic polyester called PLA which is derived from renewable resources, such as corn starch.

How long does it take to scan?

The scan speed depends on the quality of the scan. It can vary from 5 to 30 minutes.

Is there anything that I cannot scan?

Objects with dark, reflective or fuzzy surfaces can make it hard for the camera to see the laser line.

What happens if the internet is disconnected?

The printer and scanner will continue to operate off line without a problem.

What is the difference between 3D printing and 3D copying?

3D printing, generates a 3D object from a digital file (eg a g code file or .STL file). 3D copying is a simplified process where an object is placed in the ZEUS and a copy is generated ... no 3D software skills required!

SPECIFICATIONS

SCAN

SCAN TECHNOLOGY
Swiping Laser
Triangulation

SCAN VOLUME
up to 23 CM (diameter)
x 13 CM (h) [9x5 IN]

SCAN RESOLUTION
125 µm

ONBOARD STORAGE
8 GB EMMC |
16 GB MICRO-SD SLOT

TURNTABLE PAYLOAD
2 KGS [4.4 LBS]

PRINT

PRINT TECHNOLOGY
Fused Filament
Fabrication

BUILD VOLUME
20.3 x 15.2 x 14.4 CM
[8.0 x 6.0 x 5.7 IN]

LAYER RESOLUTION
80 µm

SUPPORTED MATERIAL
PLA

PRINT FILE TYPE
.STL | .AIO

HARDWARE

PRODUCT DIMENSIONS
54.9 x 37.5 x 38.8 CM
[21.6 x 14.8 x 15.3 IN]

CAMERA
2-MP Full-HD CMOS camera

TOUCHSCREEN
18 CM [7 IN]
multi-touch color

COMPUTER
Exynos 4412, Quad Core 1.7
GHz

CONNECTIVITY

THUMB DRIVE
USB

ETHERNET
WI-FI



THE WORLD'S FIRST ALL-IN-ONE 3D PRINTER™



SCAN



EDIT



PRINT

3D copy
technology
operated with
the tip of
your finger.

What will
you ZEUS?

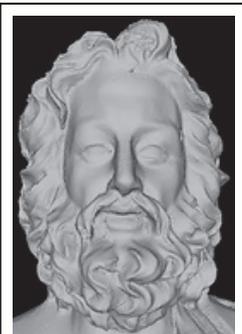
THREE FUNCTIONS - ONE POWERFUL ZEUS



SCAN

An efficient way to create 3d files is to start with a scan. Instead of creating a file from scratch, you can create a file from a real object. The file can then be modified in the box or CAD programme, shared or printed as is, in the ZEUS.

To see more on scanning visit www.zeuseful.tv



ZEUS SCANNER



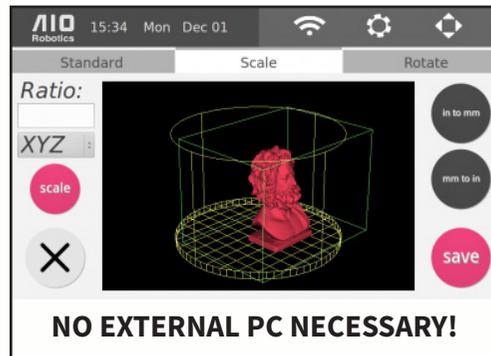
STANDARD SCANNER

A GREAT CHOICE FOR STUDENTS AND PROS.
Onboard software: designed for ease of use.
Fully enclosed hardware: designed for safety.



EDIT

Designed to make editing a breeze. Finally. 3D editing that's user friendly. Intuitive software comes preloaded on the 7" touchscreen so you can scale and send objects with ease. It's perfect for beginners and professionals alike because regardless of how they're generated, .STL or Gcode files are easily transferred via the cloud or USB.



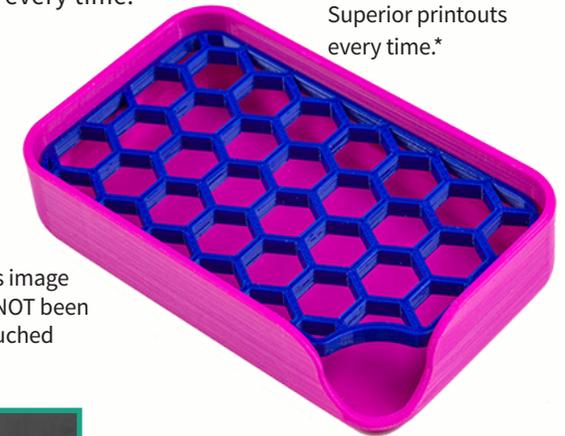
NO EXTERNAL PC NECESSARY!



PRINT

Prints at an incredible resolution of 80 micrometers using eco-friendly corn based PLA. The smart probing mechanism for auto bed leveling ensures quality results every time.

Superior printouts every time.*



*This image has NOT been retouched



THE THUNDERBOLT EXTRUDER with full metal design has a dual cooling mechanism and smart auto-probing. It's also easily maintained with a quick swap and replace capability.



7" Touchscreen
with preloaded software and WIFI.

Now available from **BENSON MACHINES**. bensonmachines.com