

ASIGA®
www.asiga.com



ASIGA®

**3D Printers for
Audiology Production**
Repeatable precision for quality assurance and patient comfort.



Being the creators of the precision desktop 3D printer market, we continue to offer precision, surface finish and product innovations designed to outperform any other.



"Asiga 3D printers have demonstrated excellent performance across our production sites globally and will be a valued partner as we continue to expand our digital production capabilities."

Sebastian Blachura, Technical Support Manager, DGS PL



"GN Resound is a global leader in intelligent audio solutions and we print with confidence on the Asiga MAX UV."

Mehdi Hoorzad, Process Development Director, GN Resound



"Asiga has become our 3D printing vendor of choice."

Christopher Marxen, Sr. Director Strategic Initiatives



"The Asiga Max has taken our production of THERMOtec[®] earmoulds to a new level. Asiga will continue to be our first choice when it comes to 3D printer systems."

Sascha Matulla, Lab Manager, HEBA-OTOPLASTIK



"Reliability, performance, ease of use, there is no doubt Asiga bring you the future in the present. As a specialist 3D trainer I know the 3D printer market and with confidence, can confirm that the ASIGA MAX UV is the best printer to help bring success to your business.."

Xavier Martínez Rubio, Documentation & Training Manager, Microson



OUR KEY FEATURES
What makes us different



Wifi Enabled
connect wirelessly

High Impact Hood
UV blocking with excellent clarity

Single Point Calibration
calibrate in under 30 seconds

Auto Power-Off
energy saving mode

Quick Release
fast material change-over

Composer Software
intuitive user interface included

Open Material System
use any suitable 3rd party material

Environmental Control
reliable performance with every print

SPS Technology
active layer control for consistent output

Lifetime Technical Support
free and unlimited

Touch Screen Display
for greater user convenience

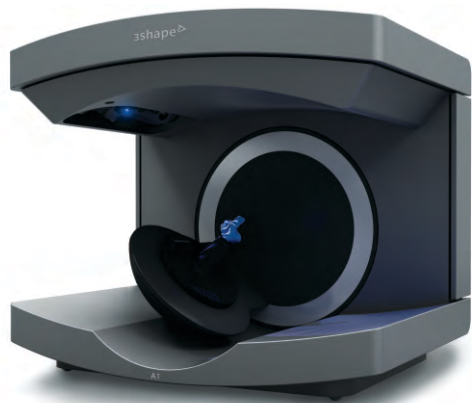
High Power UV LED 385nm
for long term reliability and
for printing water-clear materials

Internal Radiometer
automatic LED power calibration

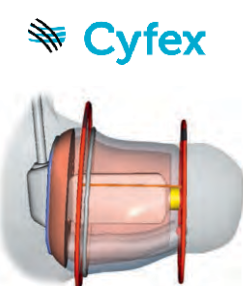
Our key features.
The innovations that make us different.

Complete your digital workflow
with our industry leading partners.

3D Scanning
of patient impression



3D Design
earshell and earmold design



3D Printing
in certified bio-compatible resins

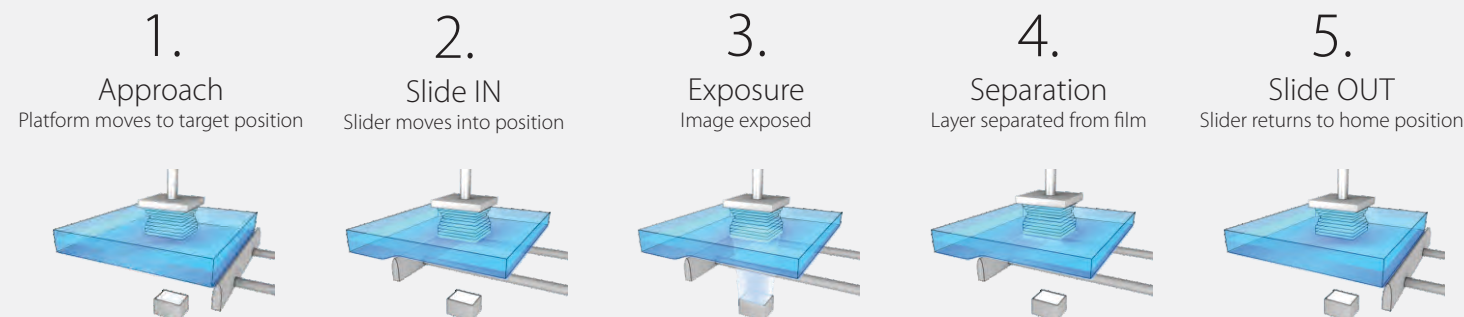


The product.



Our Slide And Separate (SAS) Technology.

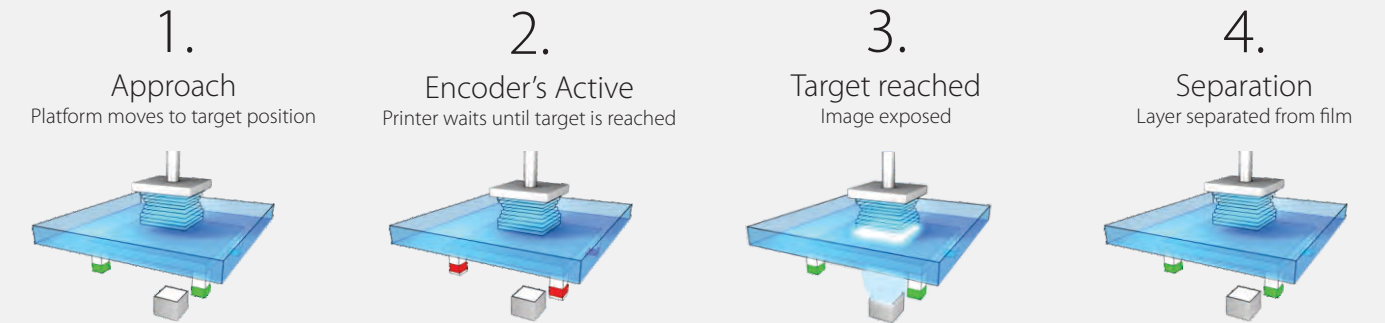
From the very beginning Asiga 3D printers have been built on our SAS technology which not only offers controlled layer formation but it also accommodates high viscosity materials.



Print in SAS or Smart Slide mode to optimize your output in production.

Our Smart Positioning System (SPS) Technology.

All MAX systems incorporate Asiga's proven SPS Technology sensor array that guarantees every model layer is formed precisely in minimal time.



The result is precision, speed and reliability that your lab or clinic can depend on.

MAX Mini UV

Accurate, reliable, affordable.

MAXMini UV delivers Asiga's latest SPS technology in an economical format ideal for lower volume audio laboratories. Manufacture earshells, earmoulds and soft earmould casts on the MAXMini UV in the latest biocompatible materials from any of the leading material manufacturers.

The MAXMini UV will produce 6,000+ shells / moulds per year.



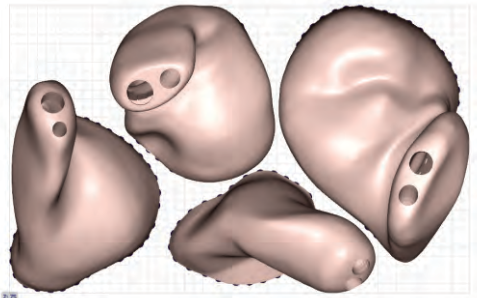
Printer Performance

Print capacity	up to 4 earshells (size dependant)
Print speed - 100µm layers	1 hr
Print cost (USD)	Weight/material dependant

Printer Specification

Build size X,Y,Z	51.2 x 32 x 76mm* (2 x 1.26 x 3 inches)
Pixel size X,Y	39µm
Z resolution	Variable in 1µm increments
Light source	High-power UV 385nm LED
Material system	Open material system
File inputs	STL, SLC, STM
Software	Asiga Composer (included)
Network compatibility	Wifi, Wireless direct, Ethernet
Industry sectors	Audiology manufacturing
System size	260 x 380 x 370mm (10.2 x 15 x 14.5 inches)
System weight	16.5Kg (packaged 19Kg)
Packaged size/weight	410 x 500 x 480mm (18.1 x 22 x 19.7 inches)
Power	12VDC 10A

* build envelope size may vary



MAX UV

Minimum footprint, maximum productivity.

The Asiga MAX™ UV is the world's most advanced digital lab 3D printer offering exceptional productivity in a small footprint. With 62µm HD print precision, the MAX™ UV is optimized for producing earshells, earmoulds and silicone earmoulds in both lab and clinical environments.

The MAX™ UV will produce 60,000+ shells / moulds per year. All Asiga printers are open to materials from any supplier for maximum flexibility and economy.



Printer Performance

Print capacity	up to 22 earshells (size dependant)
Print speed - 100µm layers	50 minutes
Print cost (USD)	\$weight/material dependant



Printer Specification

Build size X,Y,Z	119 x 67 x 76mm* (4.68 x 2.63 x 3 inches)
Pixel size X,Y	62µm
Z resolution	Variable in 1µm increments
Light source	High-power UV 385nm LED
Material system	Open material system
File inputs	STL, SLC, STM
Software	Asiga Composer (included)
Network compatibility	Wifi, Wireless direct, Ethernet
Industry sectors	Audiology manufacturing
System size	260 x 380 x 370mm (10.2 x 15 x 14.5 inches)
System weight	16.5Kg (packaged 19Kg)
Packaged size/weight	410 x 500 x 480mm (18.1 x 22 x 19.7 inches)
Power	12VDC 10A

* build envelope size may vary

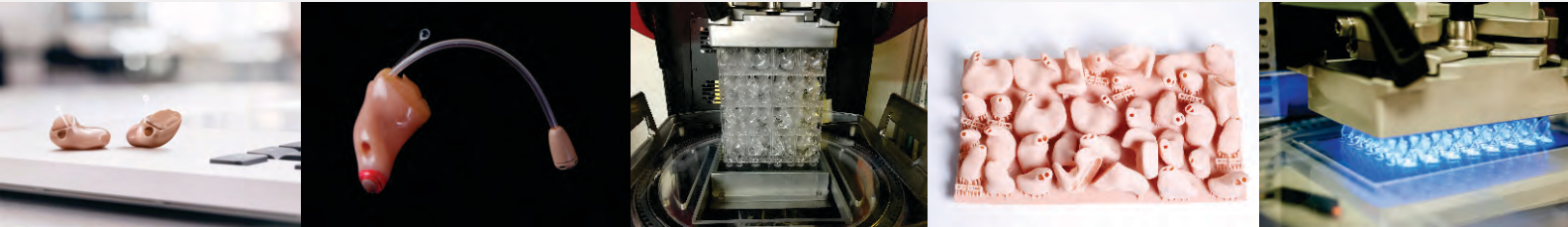


PRO2

The ultimate in volume audio production.

The Freeform PRO2™ is a production ready lab 3D printer for direct manufacturing of large volume earshells, earmoulds, and silicone earmoulds producing 80,000+ shells / moulds per year.

All PRO2™ systems are reconfigurable to 50µm, 62µm and 75µm pixel sizes, giving maximum flexibility to your laboratory. Utilizing our proven Slide-And-Separate™ technology for precise layer formation, build speed and repeatability.



Printer Performance

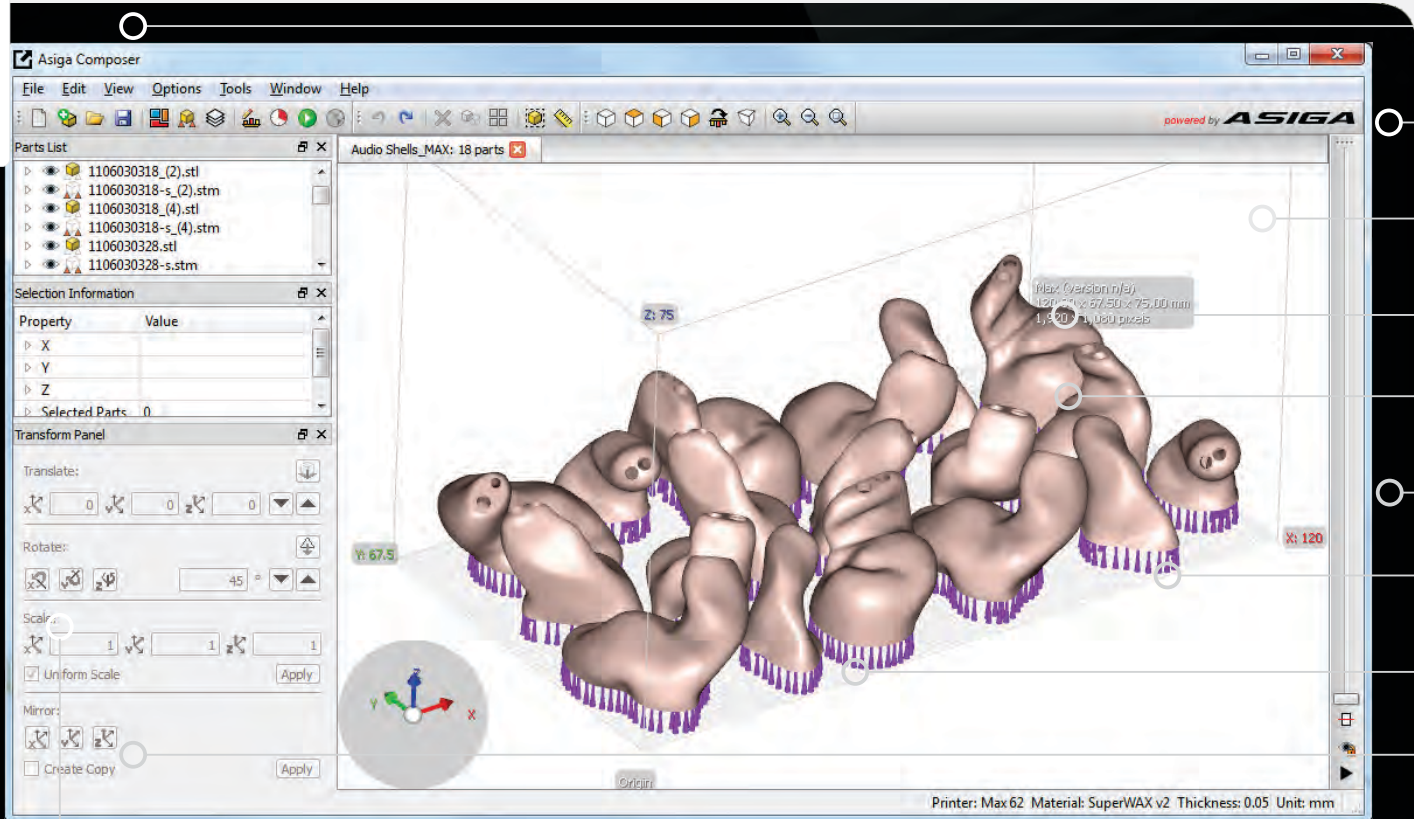
Print capacity	up to 30 earshells (size dependant)
Print speed - 100µm layers	50 minutes
Print cost (USD)	\$weight/material dependant



Printer Specification

PRO2 50 UV Build size X,Y,Z	96 x 54 x 200mm* (3.7 x 2.1 x 7.87 inches)
PRO2 62 UV Build size X,Y,Z	119 x 67 x 200mm* (4.68 x 2.6 x 7.87 inches)
PRO2 75 UV Build size X,Y,Z	144 x 81 x 200mm* (5.66 x 3.1 x 7.87 inches)
Z resolution	Variable in 1µm increments
Light source	High-power UV 385nm LED
Material system	Open material system
File inputs	STL, SLC, STM
Software	Asiga Composer (included)
Network compatibility	Wifi, Wireless direct, Ethernet
Industry sectors	Audiology manufacturing
System size	450 x 490 x 800mm (18 x 19 x 31.5 inches)
System weight	40kg (packaged 55Kg)
Packaged size/weight	1020 x 570 x 850mm (40 x 22 x 33.4 inches)
Power	12VDC 10A

* build envelope size may vary



Auto-Supports
for greater user efficiency

Remote Control
login to your 3D printer remotely

Build Time Estimator
schedule workflow

STL / SLC or Both
load STL & SLC into the same build

Flexible Supports
avoid support collisions

Multi-Stacking
maximize Z height usage

Dynamic Array
maximize build area usage

Add Casting Sprue
streamline casting workflow

Load Multiple Builds
onboard PC to store multiple builds

Final Check
measurement tool

License Free
free updates, forever.

User Control
full user access to build settings

Composer is the software interface to all our
3D Printers. Powerful, intuitive and free.

Multi-Operating System
Apple, Windows & Linux



Open material system offering flexibility and the widest material choice of any system on the market. Asiga printers are compatible with the following material manufacturers.

DETAX



pro**3d**ure
medical

egger

DeltaMed
TURNING IDEAS INTO MATERIALS

Full compatibility with leading 3D scanning and digital design software providers.

Speak to us about our digital bundle packages.



ASIGA

Free and unlimited lifetime technical support.
Local sales, service and support via our global
reseller network.

Affordable Digital Manufacturing, it's something Asiga invented.

In 2011, Asiga launched the world's first LED based DLP 3D printer and started the affordable desktop stereolithography revolution which changed digital manufacturing forever.

Asiga won the MJSA's 2012 Thinking Ahead award for best new technology and gained international recognition for innovative products which continue to lead their respective categories to this day.

Asiga designs and manufactures all products at it's headquarters in Sydney, Australia. Asiga's in-house mechanical, electrical, software and materials team ensures continued innovation and product improvement.

Contact us or one of our resellers to learn more.

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