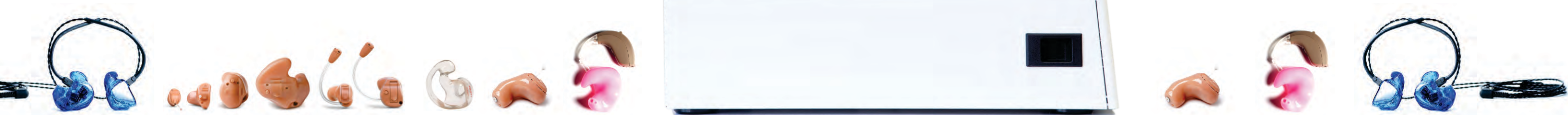


ASIGA®
www.asiga.com



ASIGA®

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



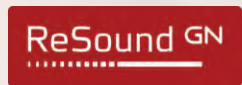


Being the creators of the precision desktop 3D printer market, we continue to offer precision, surface finish and product innovations designed to outperform any other.



"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.."

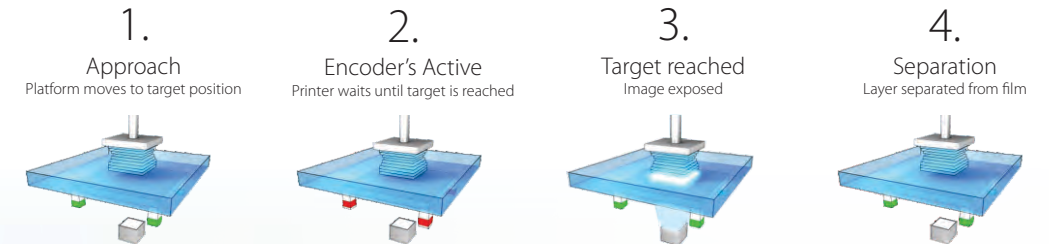
Xavier Martínez Rubio, Documentation & Training Manager, Microson



Our Process Monitoring Technologies explained. These technologies ensure every layer is formed accurately resulting in a reliable output for quality assurance and patient safety.

Smart Positioning Technology (SPS)

The Smart Positioning System (SPS) is a series of positioning encoders that read the exact position of the build platform during each layer approach. This ensures the next layer is only exposed/formed once the build platform target position has been reached.



Internal radiometer

An internal radiometer actively monitors LED intensity during each build ensuring the correct light exposure is delivered for every layer.

High power UV 385nm LED

To print water-clear materials and many of the industry leading materials, a UV 385nm LED is required.

Small pixel and accurate pixel placement

Pixel size and pixel placement are important for reproducing digital data accurately to achieve a precise fit.

Precise material curing

Our Open Material System allows for any suitable material to be printed. Material curing parameters for each material are generated by Asiga ensuring materials are cured accurately for repeatable results.

Our end user features.
3D printing made intuitive and simple.

Single Point Calibration

Calibrate in under 60 seconds

Auto Power-Off

Energy saving mode and auto-recovery

Environmental Control

Onboard heater for reliable performance

Fast Material Change-over

Change materials in less than 30 seconds with no calibration required

High Power UV LED 385nm

For long term reliability, accuracy and for processing water-clear materials

Open Material System

Use any Asiga material and any suitable 3rd party material

Touch Screen Display

For greater user convenience

Remote access and control

Streamlined integration into your digital workflow

Asiga audio 3D printers.



**MAX
Mini UV**

MAX
Series



**MAX
UV**



**PRO
HD UV**

PRO
Series



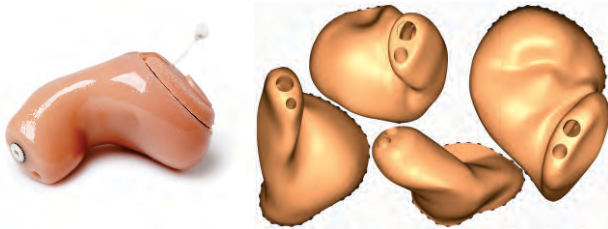
**PRO
4K UV**

MAX Mini

Accurate, reliable, affordable.

The MAX Mini UV delivers Asiga's proven SPS technology in an economical format ideal for lower volume audiology clinics and laboratories. Manufacture earshells, earmoulds, IEM's and silicone earmoulds on the MAX Mini UV in the latest biocompatible materials from any of the leading material manufacturers.

Annual production: 6,000 plus earshells / earmoulds per year.



Product specification

Build Volume X, Y, Z	51.2 x 32 x 76mm. 2 x 1.26 x 3 inches
Pixel Resolution	39µm
Technology	DLP
LED Wavelength	385nm (high power UV LED)
Material Compatibility	Open Material System including materials from Dreve, Detax, Pro3dure, Egger, Deltamed & more.
Production	Earshells, Earmoulds, Silicone Earmoulds, In-Ear-Monitors (IEM)
Software	Asiga Composer software. Lifetime updates included
File inputs	STL, SLC, STM (Asiga Stomp file format)
Network Compatibility	Wifi, WirelessDirect, Ethernet
Power requirements	100-240VAC, 50/60Hz, 2.0A MAX
System sizing	260 x 380 x 370mm /16.50Kg. 10.2 x 15 x 14.5 inches / 36.4Lbs
Packed sizing	410 x 500 x 480mm / 19Kg. 16.1 x 19.7 x 18.9 inches / 41.9Lbs
Warranty	12 months manufacturers warranty
Technical support	Unlimited lifetime technical support included
Bundle includes	3D printer, Composer software, 1Kg Asiga material, 1L build tray, Asiga Flash post-curing chamber, calibration toolkit

* Contact Asiga for information regarding material biocompatibility certification in your region

Printer Performance

Print capacity	4 earshells per build
Print speed - 100µm layers	40 minutes
Print cost per shell (USD)	\$0.50 weight/material dependant
Annual output	6,000 plus units per year

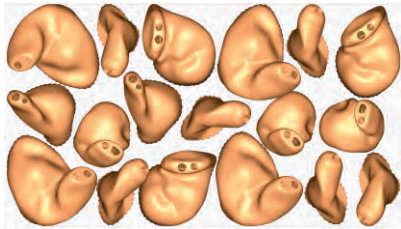


MAX UV

Minimum footprint, maximum productivity.

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

Annual production: 60,000 plus earshells / earmoulds per year.



Product specification

Build Volume X, Y, Z	119 x 67 x 76mm. 4.68 x 2.63 x 3 inches
Pixel Resolution	62µm
Technology	DLP
LED Wavelength	385nm (high power UV LED)
Material Compatibility	Open Material System including materials from Dreve, Detax, Pro3dure, Egger, Deltamed & more.
Production	Earshells, Earmoulds, Silicone Earmoulds, In-Ear-Monitors (IEM)
Software	Asiga Composer software. Lifetime updates included
File inputs	STL, SLC, STM (Asiga Stomp file format)
Network Compatibility	Wifi, WirelessDirect, Ethernet
Power requirements	100-240VAC, 50/60Hz, 2.0A MAX
System sizing	260 x 380 x 370mm / 16.50Kg. 10.2 x 15 x 14.5 inches / 36.4Lbs
Packed sizing	410 x 500 x 480mm / 19Kg. 16.1 x 19.7 x 18.9 inches / 41.9Lbs
Warranty	12 months manufacturers warranty
Technical support	Unlimited lifetime technical support included
Bundle includes	3D printer, Composer software, 1Kg Asiga material, 1L build tray, Asiga Flash post-curing chamber, calibration toolkit

* Contact Asiga for information regarding material biocompatibility certification in your region

Printer Performance

Print capacity	22 earshells per build
Print speed - 100µm layers	40 minutes
Print cost per shell (USD)	\$0.50 weight/material dependant
Annual output	60,000 plus units per year



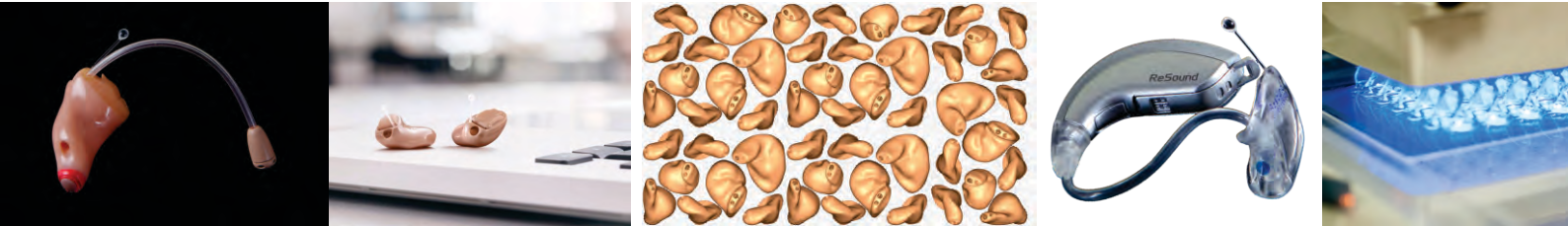
PRO HD

High volume audio production.

The PRO HD combines proven industry-leading precision and a large build envelope with high-speed print capability for professional audiology labs.

Reconfigurable between 65µm, 80µm and 100µm offering maximum flexibility for your laboratory.

Annual production: 110,000 plus earshells / earmoulds per year (PRO HD100 UV).



Product specification

	PRO HD65 UV	PRO HD80 UV	PRO HD100 UV
Build Volume X, Y, Z	125 x 70 x 200mm 4.92 x 2.75 x 7.87 inches	153.6 x 86.4 x 200mm 6 x 3.4 x 7.87 inches	192 x 108 x 200mm 7.56 x 4.2 x 7.87 inches
Pixel Resolution	65µm	80µm	100µm
Technology	DLP	DLP	DLP
LED Wavelength	385nm (high power UV LED)	385nm (high power UV LED)	385nm (high power UV LED)
Material Compatibility	Open Material System including materials from Dreve, Detax, Pro3dure, Egger, Deltamed & more.		
Production	Earshells, Earmoulds, Silicone Earmoulds, In-Ear-Monitors (IEM)		
Software	Asiga Composer software. Lifetime updates included		
File inputs	STL, SLC, STM (Asiga Stomp file format)		
Network Compatibility	Wifi, WirelessDirect, Ethernet		
Power requirements	100-240VAC, 50/60Hz, 500 Watts (100V - 5Amp Max. 240V - 2.1Amp)		
System sizing	465 x 420 x 1370mm / 75Kg. 18.3 x 16.5 x 53.9 inches / 165Lbs		
Packed sizing	975 x 735 x 1590mm / 100Kg. 38.3 x 28.9 x 62.6 inches / 220Lbs		
Warranty	12 months manufacturers warranty		
Technical support	Unlimited lifetime technical support included		
Bundle includes	3D printer, Composer software, 1Kg Asiga material, 1L build tray, Asiga Flash post-curing chamber, calibration toolkit		

* Contact Asiga for information regarding material biocompatibility certification in your region.

Printer Performance (PRO HD100 UV)

Print capacity	55 earshells per build
Print speed - 100µm layers	40 minutes
Print cost per shell (USD)	\$0.50 weight/material dependant
Annual output	110,000 plus units per year



PRO 4K

The ultimate in 4K DLP imaging technology.

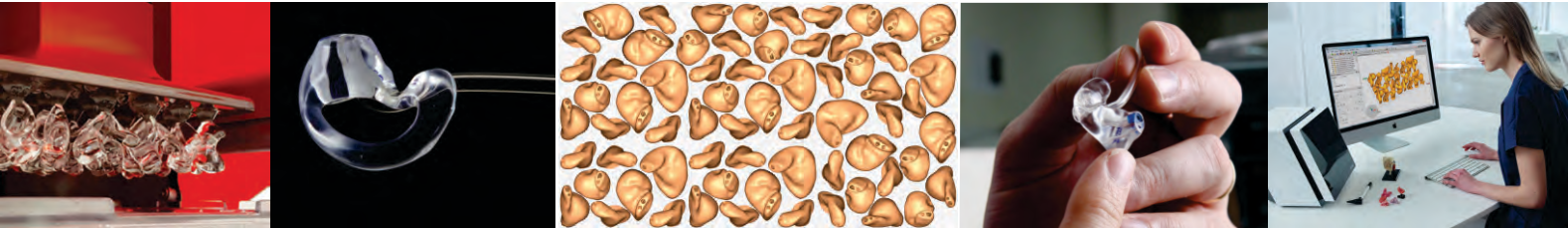
The PRO 4K utilises the latest DLP imaging technology to achieve the largest print envelope in our range, with precision, reliability and speed for the most demanding production applications.

Annual production: 130,000 plus earshells / earmoulds per year (PRO 4K80 UV).



Printer Performance (PRO 4K80 UV)

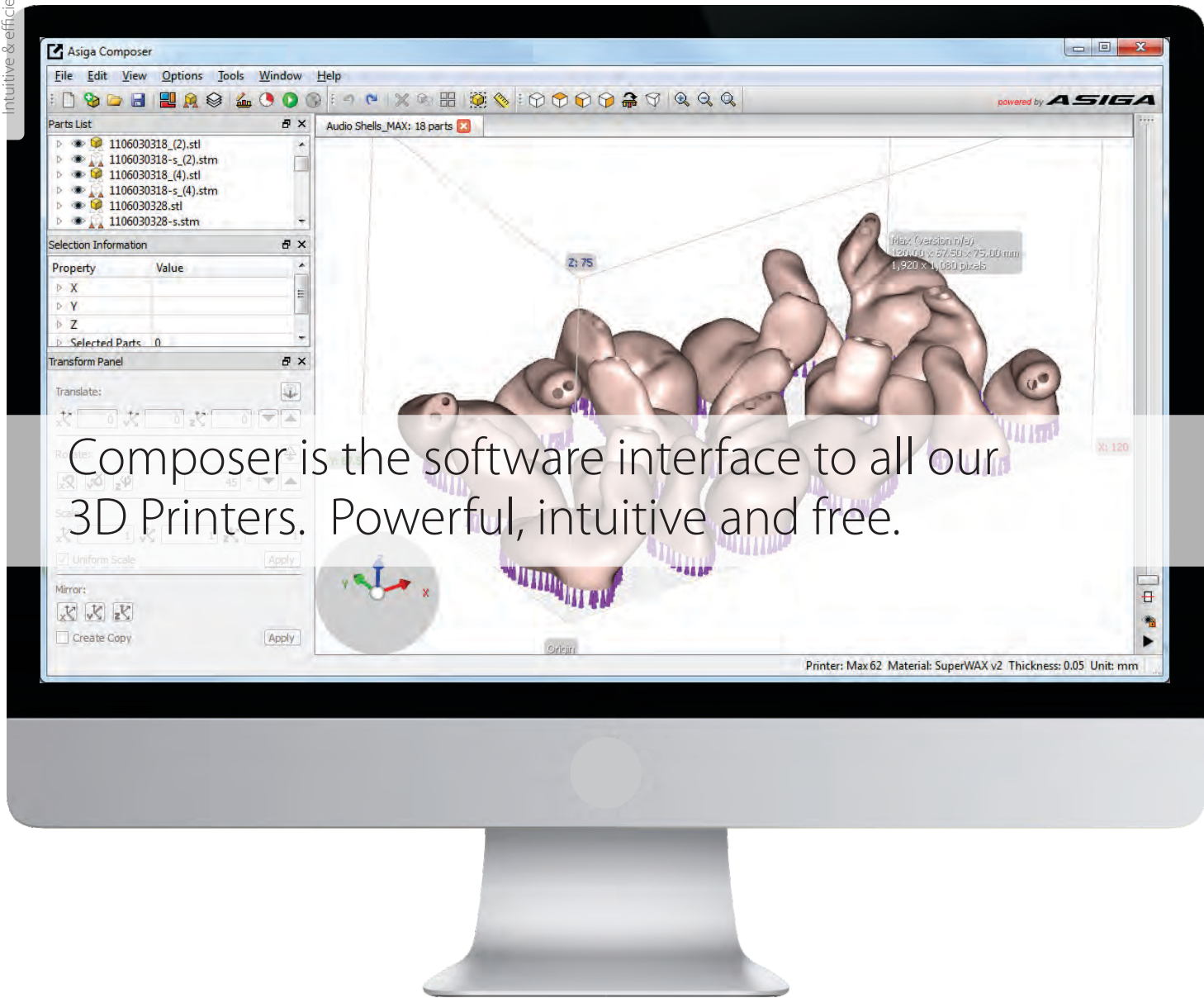
Print capacity	70 earshells per build
Print speed - 100µm layers	40 minutes
Print cost per shell (USD)	\$0.50 weight/material dependant
Annual output	130,000 plus units per year



Product specification

	PRO 4K65 UV	PRO 4K80 UV
Build Volume X, Y, Z	176.5 x 99 x 200mm. 6.94 x 3.9 x 7.87 inches	217 x 122 x 200mm. 8.54 x 4.8 x 7.87 inches
Pixel Resolution	65µm	80µm
Technology	DLP	DLP
LED Wavelength	385nm (high power UV LED)	385nm (high power UV LED)
Material Compatibility	Open Material System including materials from Dreve, Detax, Pro3dure, Egger, Deltamed & more.	
Production	Earshells, Earmoulds, Silicone Earmoulds, In-Ear-Monitors (IEM)	
Software	Asiga Composer software. Lifetime updates included	
File inputs	STL, SLC, STM (Asiga Stomp file format)	
Network Compatibility	Wifi, WirelessDirect, Ethernet	
Power requirements	100-240VAC, 50/60Hz, 500 Watts (100V - 5Amp Max. 240V - 2.1Amp)	
System sizing	465 x 420 x 1370mm / 75Kg. 18.3 x 16.5 x 53.9 inches / 165Lbs	
Packed sizing	975 x 735 x 1590mm / 100Kg. 38.3 x 28.9 x 62.6 inches / 220Lbs	
Warranty	12 months manufacturers warranty	
Technical support	Unlimited lifetime technical support included	
Bundle includes	3D printer, Composer software, 1Kg Asiga material, 1L build tray, Asiga Flash post-curing chamber, calibration toolkit	

* Contact Asiga for information regarding material biocompatibility certification in your region.



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

Automatic Support and Part Placement

For fast build processing and greater user efficiency

Build Time Estimator

Effectively schedule your production workflow

Multi-Stacking included

Maximize Z height usage and build multiple levels of parts

Simple & Intuitive

Submit builds within a minimal number of clicks

Dynamic Part Array

Place parts based on geometry to maximize available build area

Load and Process Multiple Builds

Manage multiple builds at the same time in a simple tab based interface

Remote Control

Access your printer via a simple web interface

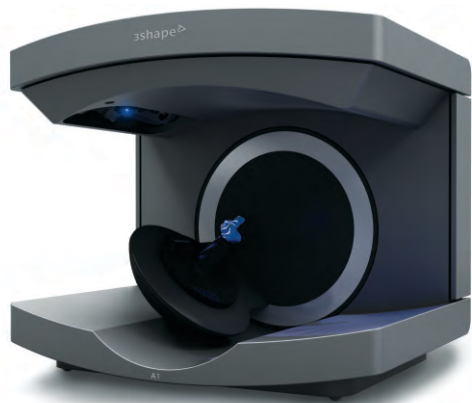
Compatible with
Apple, Windows, Linux



Complete your digital workflow
with our industry leading partners.

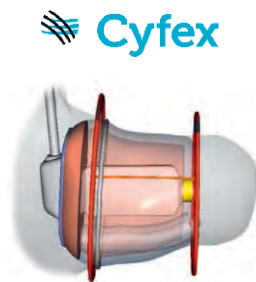
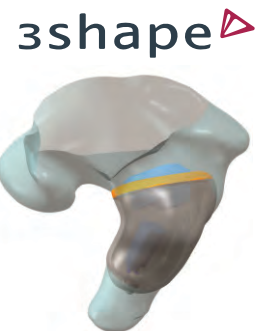
3D Scanning

Patient impression digitised



3D Design

Earshell and earmold 3D CAD designed



3D Printing

Manufacture / 3D print the Earshell or Earmould
using certified biocompatible resins.



The product.



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.





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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