



**ASIGA**<sup>®</sup>  
DIGITAL DENTAL SOLUTIONS

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.

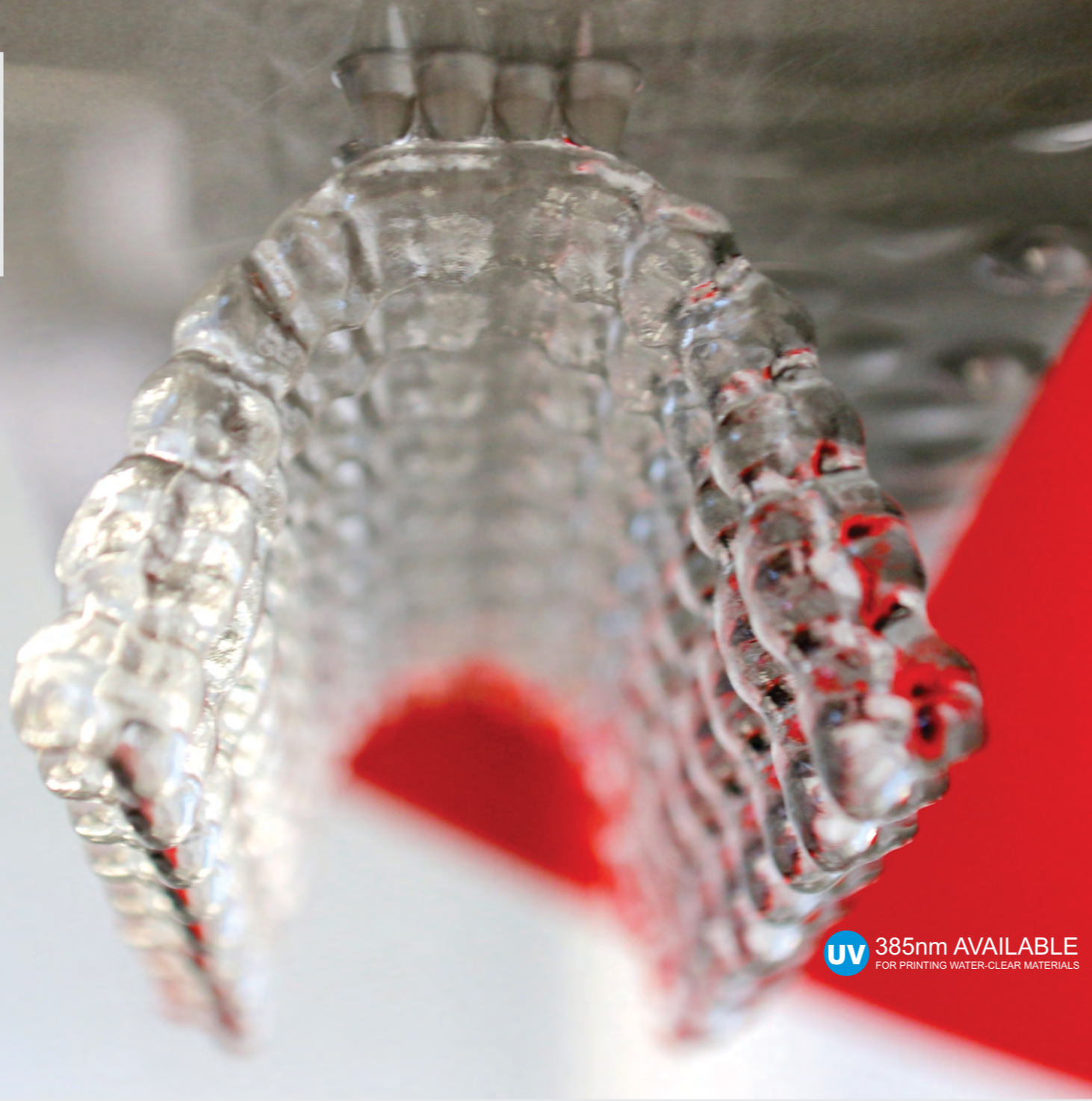
***ASIGA***<sup>®</sup>

Our key features.  
The innovations that make us different.



**UV** 385nm AVAILABLE  
FOR PRINTING WATER-CLEAR MATERIALS

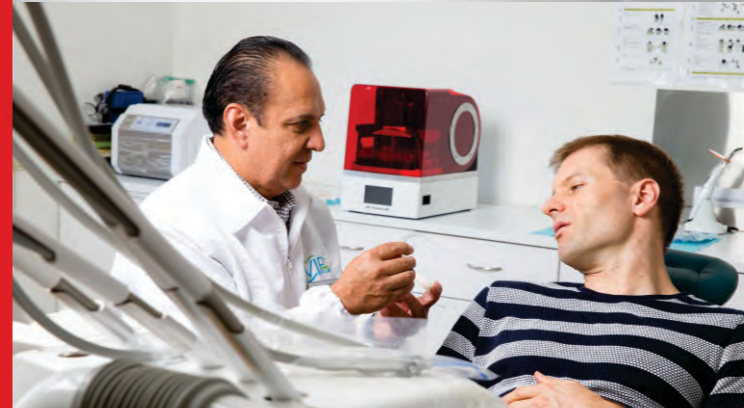
**APPLICATIONS**  
Across our range



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**ASIGA**  
DIGITAL DENTAL SOLUTIONS



# PRO2

The Freeform PRO2™ is a production ready 3D printer for direct manufacturing of dental models, partial frameworks, surgical guides and crown & bridge casting patterns. 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.

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## PRO2 DENTAL APPLICATIONS

- Orthodontic
- Crown and Bridge
- Surgical drill guides
- Partial frameworks
- Inlays / onlays
- Custom trays
- Models
- Splints

## PRO2 TECHNICAL DATA

	PRO2 UV	PRO2
RECONFIGURABLE PIXEL SIZE	50 µm, 62 µm or 75 µm	50 µm, 62 µm or 75 µm
LIGHT SOURCE	385nm	405nm
50 µm BUILD SIZE X Y, Z*	96 x 54 x 200mm	RECONFIGURABLE ONSITE
62 µm BUILD SIZE X Y, Z*	119 x 67 x 200mm	RECONFIGURABLE ONSITE
75 µm BUILD SIZE X Y, Z*	144 x 81 x 200mm	RECONFIGURABLE ONSITE
Z RESOLUTION	VARIABLE IN 1 µm	
MATERIAL SYSTEM	OPEN - USE ANY 3rd PARTY MATERIAL	
FILE INPUTS	STL, SLC, STM	
SOFTWARE	COMPOSER INCLUDED (LIFETIME SOFTWARE UPDATES INCLUDED)	
NETWORK COMPATIBILITY	WIFI, WIRELESS DIRECT & ETHERNET	
INDUSTRY SECTORS	DENTAL LABORATORY	
SYSTEM SIZE	450 x 490 x 800mm	
SYSTEM WEIGHT	40Kg	
PACKAGED SIZE/WEIGHT	1020 x 570 x 850mm / 55Kg	
POWER	12VDC 10A	

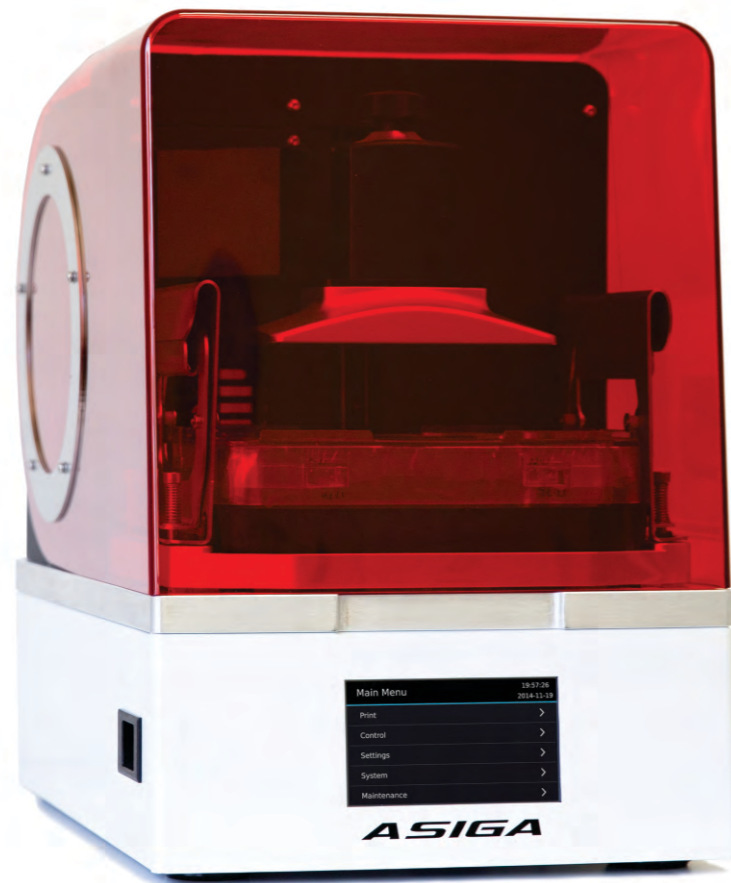
\* build envelope size may vary

Large format digital production.

# MAX

The Asiga MAX™ is the world's most advanced digital dental 3D printer offering exceptional productivity in a small footprint. With 62µm HD print precision, the Asiga MAX™ is optimized for orthodontics, crown & bridge, surgical guides, dental models, custom trays, and partial dentures in lab and clinical environments. All Asiga printers are open to materials from any supplier for maximum flexibility and economy.

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## MAX DENTAL APPLICATIONS

- Orthodontic
- Crown and Bridge
- Surgical drill guides
- Partial frameworks
- Inlays / onlays
- Custom trays
- Models
- Splints

## MAX TECHNICAL DATA

	<b>MAX</b> UV	<b>MAX</b>
PIXEL SIZE X,Y	62 µm	62 µm
BUILD SIZE X Y, Z*	119 x 67 x 76mm*	119 x 67 x 76mm*
LIGHT SOURCE	385nm	405nm
Z RESOLUTION	VARIABLE IN 1 µm	
MATERIAL SYSTEM	OPEN - USE ANY 3rd PARTY MATERIAL	
FILE INPUTS	STL, SLC, STM	
SOFTWARE	COMPOSER INCLUDED (LIFETIME SOFTWARE UPDATES INCLUDED)	
NETWORK COMPATIBILITY	WIFI, WIRELESS DIRECT & ETHERNET	
INDUSTRY SECTORS	DENTAL LABORATORY, DENTAL CLINIC	
SYSTEM SIZE	260 x 380 x 370mm	
SYSTEM WEIGHT	16.5Kg	
PACKAGED SIZE/WEIGHT	410 x 500 x 480mm / 19Kg	
POWER	12VDC 10A	

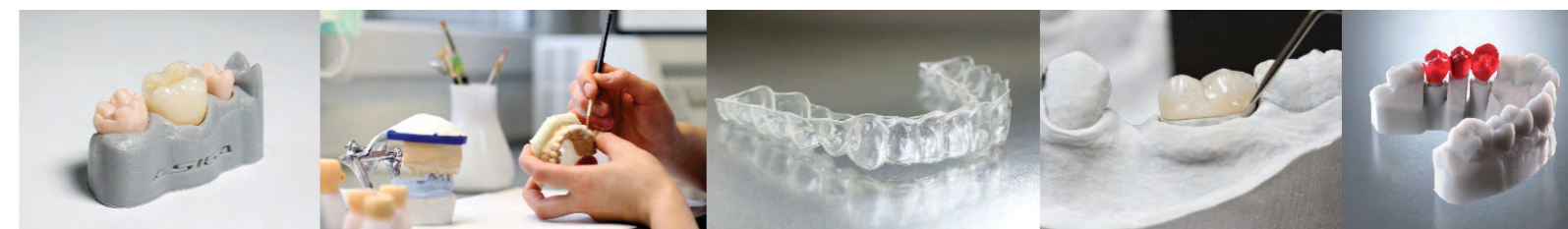
\* build envelope size may vary

Minimum footprint, maximum productivity.

# PICO 2<sup>HD</sup>

The PICO2 HD™ delivers extraordinary resolution and build accuracy to your desktop. With the fastest material change-over of any 3D printer on the market, the PICO2 HD™ UV is ideal for producing water-clear dental splints, surgical guides, and castable materials for crown & bridge and partial frameworks. The PICO2 HD utilizes Asiga's Slide-And-Separate™ technology for minimum separation forces and maximum build speed.

**UV** 385nm AVAILABLE  
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## PICO 2<sup>HD</sup>

### DENTAL APPLICATIONS

- Crown and Bridge
- Surgical drill guides
- Inlays / onlays
- Custom trays
- Quadrants
- Splints

## PICO 2<sup>HD</sup>

### TECHNICAL DATA

	PICO 2 <sup>HD</sup> 27 <b>UV</b>	PICO 2 <sup>HD</sup> 27	PICO 2 <sup>HD</sup> 37 <b>UV</b>	PICO 2 <sup>HD</sup> 37
PIXEL SIZE X,Y	27 µm	27 µm	37 µm	37 µm
BUILD SIZE X Y, Z*	51.8 x 29 x 75mm*	51.8 x 29 x 75mm*	71.1 x 40 x 75mm*	71.1 x 40 x 75mm*
LIGHT SOURCE	385nm	405nm	385nm	405nm
Z RESOLUTION	VARIABLE IN 1 µm			
MATERIAL SYSTEM	OPEN - USE ANY 3rd PARTY MATERIAL			
FILE INPUTS	STL, SLC, STM			
SOFTWARE	COMPOSER INCLUDED (LIFETIME SOFTWARE UPDATES INCLUDED)			
NETWORK COMPATIBILITY	WIFI, WIRELESS DIRECT AND ETHERNET			
INDUSTRY SECTORS	DENTAL LABORATORY, DENTAL CLINIC			
SYSTEM SIZE	260 x 380 x 505mm			
SYSTEM WEIGHT	19Kg			
PACKAGED SIZE/WEIGHT	940 x 530 x 500mm / 21.5Kg			
POWER	12VDC 10A			

\* build envelope size may vary

27µm HD dental precision.

# PICO 2

The PICO2™ is a high power, compact 3D printer for direct manufacturing of quadrant dental models and crown & bridge casting patterns. A small footprint makes the PICO2™ ideal for both the dental lab and clinic. The PICO2™ series is available in two different configurations depending on resolution and build size required. Both models benefit from Asiga's Slide-And-Separate™ technology for maximizing precision and build speed.

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Dental precision on your desktop.

## PICO 2

### DENTAL APPLICATIONS

- Crown and Bridge
- Quadrants
- Inlays / onlays

## PICO 2

### TECHNICAL DATA

	PICO 2 39 UV	PICO 2 39	PICO 2 50 UV	PICO 2 50
PIXEL SIZE X,Y	39 µm	39 µm	50 µm	50 µm
BUILD SIZE X Y, Z*	51.2 x 32 x 75mm*	51.2 x 32 x 75mm*	64 x 40 x 75mm*	64 x 40 x 75mm*
LIGHT SOURCE	385nm	405nm	385nm	405nm
Z RESOLUTION	VARIABLE IN 1 µm			
MATERIAL SYSTEM	OPEN - USE ANY 3rd PARTY MATERIAL			
FILE INPUTS	STL, SLC, STM			
SOFTWARE	COMPOSER INCLUDED (LIFETIME SOFTWARE UPDATES INCLUDED)			
NETWORK COMPATIBILITY	WIFI, WIRELESS DIRECT AND ETHERNET			
INDUSTRY SECTORS	DENTAL LABORATORY, DENTAL CLINIC			
SYSTEM SIZE	260 x 380 x 370mm			
SYSTEM WEIGHT	14Kg			
PACKAGED SIZE/WEIGHT	460 x 560 x 500mm / 18Kg			
POWER	12VDC 10A			

\* build envelope size may vary



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



Composer is supplied with every Asiga 3D printer. All future software updates are included

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

3shape 

exocad

 Cyfex

 smart optics

 dental wings

Biocompatible materials for the efficient production of dental prosthetics including, dental models, surgical guides, splints, crown & bridge, partial frameworks, custom impression trays.

Print any suitable material from any resin supplier.

Full compatibility with biocompatible resins from these partners:



**DETAX**

pro **3d** ure  
medical

**Next Dent**  
by Vertex Dental

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Free and unlimited lifetime technical support.  
Guaranteed.

Lifetime Technical Support  
online support ticketing system

Direct User Access  
to software and firmware updates

Global Reseller Network  
local sales, service and support



## 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 the innovations contained within the Pico and Pro platforms that 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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