3D Printers for Digital Dental Production
Repeatable precision for quality assurance and patient safety.
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’s high quality and reliability make it a great option for the lab.”
Christopher Kirkland, R&D Technical Analyst, Glidewell Laboratories

“Asiga’s MAX UV is clearly one of the best desktop 3D printers in terms of print quality and consistency for the tested dental indications.”
Alex Pilet, Head of Advanced Technologies, Nobel Biocare

“We use the Asiga MAX UV as it offers a completely open material system that allows us to utilise resins from almost any vendor.”
Brad Race, Owner, Race Dental

“The MAX UV gave us the highest and most reliable quality in 3D printing we have seen with outstanding tech support and at a cost that we could compete with any competitor.”
Grant Davis, CEO, Davis Advanced Dental Prosthetics

“Asiga 3D printers have proven to produce very high quality models and their DLP technology allows the use of many compatible third party materials including Detax, Dreve, Pro3Dure and Whip Mix.”
David Rodwell, Owner, Rodwell Orthodontic Laboratory
Our key features.
The innovations that make us different.

- **High Impact Hood**
  UV blocking with excellent clarity

- **Internal Radiometer**
  Automatic LED power calibration

- **Auto Power-Off**
  Energy saving mode

- **Environmental Control**
  Reliable performance with every print

- **Single Point Calibration**
  Calibrate in under 30 seconds

- **Fast Material Change-over**
  Less than 30 seconds

- **Open Material System**
  Use any suitable 3rd party material

- **Composer Software**
  Intuitive user interface included

- **SPS Technology**
  Active layer control for consistent output

- **Touch Screen Display**
  For greater user convenience

- **High Power UV LED 385nm**
  For long term reliability and accuracy

- **Wifi Enabled**
  Connect wirelessly

- **Lifetime Technical Support**
  Free and unlimited

- **Internal Radiometer**
  Automatic LED power calibration

- **Our key features.**
- **What makes us different**

- **Digital Dental Solutions**

- www.asiga.com
Our **Smart Positioning System (SPS)** technology ensures that every layer is formed accurately resulting in a reliable output for quality assurance and patient safety.

3D scans of full-arch dental models printed in DentaMODEL demonstrate over 93% of data points are within 50 microns of the original CAD file with a standard deviation of 31 microns. Printed on MAX UV, scanned using 3Shape scanner and validated in 3Shape Convince software.
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.

1. **Approach**
   - Platform moves to target position

2. **Encoder’s Active**
   - Printer waits until target is reached

3. **Target reached**
   - Image exposed

4. **Separation**
   - Layer separated from film

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

MAXMini UV delivers Asiga’s latest SPS technology in an economical format ideal for the production of crown & bridge casting patterns.

Capable of printing small items including crowns, copings and veneers. The MAXMini can also be used as a dedicated printer for producing smaller volume items such as gingiva components.
Minimum footprint, maximum productivity.

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.
DentaMODEL
High precision dental model material.

PlasGRAY
Orthodontic model material.

SuperCAST HD
Direct casting resin for C&B and partial frameworks.

SuperCAST v3
Precision direct investment casting resin.

3D scans of full-arch dental models printed in DentaMODEL demonstrate over 93% of data points are within 50 microns of the original CAD file with a standard deviation of 31 microns.

For the production of vacuum form aligners, mouth guards and other appliances.

Direct casting material for partial frameworks and crown and bridge restorations.

SuperCAST v3 is Asiga’s highest definition direct-casting material for the production of accurate crown and bridge, partial frameworks and inlays/onlays.
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.
A simple, effective and streamlined digital workflow.
Composer is the software interface to all our 3D Printers. Powerful, intuitive and free.
Full compatibility with leading 3D scanning and digital design software providers.
Free and unlimited lifetime technical support. Local sales, service and support via our global reseller network.
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.

Asiga Australia (HQ)
Factory 2, 19-21 Bourke Road
Alexandria, Sydney 2015
Australia
TEL: +61 2 9690 2737

Asiga Germany
Kraempferstr. 4
99084, Erfurt
Germany
TEL: +49 361 5506 6866

info@asiga.com
www.asiga.com

Asiga USA
TOLL FREE: +1 877 689 99 98

©

Digital Dental Solutions

®