

PRO

Professional Desktop 3D Printers



\$24,990

SYSTEM
PRICE

5 year

UV LED
WARRANTY

1 μ m

LAYER
THICKNESS

50 μ m

MIN FEATURE
SIZE

Production on your desktop

The Freeform Pro™ is a professional 3D printer for direct manufacturing applications offering high-resolution, speed and reliability in a desktop format.

ASIGA®

www.asiga.com

Slide and Separate™ Technology

Asiga's proprietary Slide and Separate (SAS™) technology breaks new ground in the Freeform Pro™, allowing a large build area whilst maintaining the lowest fabrication forces of any upside-down stereolithography system. The result is minimal support structures and reliable accuracy for demanding direct manufacturing applications.

5-Year UV LED Warranty

The Freeform Pro™ includes a 5-year warranty on the UV LED light source as standard.

Internal Radiometer

An internal radiometer for automatic calibration of the light source ensures long-term reliability and low-maintenance.

Professional Software

Asiga Composer software is included with every system for part layout, automatic support generation and editing, and sending jobs to the printer. Powerful and easy to use, Composer is available for PC, Mac, Linux, and is unlocked for installation on multiple computers.

Environmental Control

Chamber temperature control is standard on all systems for reliable and repeatable performance in any environment.

Material Level Sensor

Builds are automatically paused when the material level is low allowing long-term unattended operation without concern of failure.

System Specifications:

Model Name	PRO 50	PRO 75	PRO 95
Build Size X, Y, Z	96 x 54 x 200mm*	144 x 81 x 200mm*	121.60 x 76 x 200mm*
Pixel Size X,Y	50 microns	75 microns	95 microns
Z Control	Variable in 1 micron increments	Variable in 1 micron increments	Variable in 1 micron increments
Light Source	UV LED	UV LED	385nm or 405nm LED Options
File Inputs	STL & SLC	STL & SLC	STL & SLC
Software	Composer Included. PC, Linux, Mac.	Composer Included. PC, Linux, Mac.	Composer Included. PC, Linux, Mac.
Network Compatibility	10/100 Ethernet	10/100 Ethernet	WIFI & Ethernet
Industry Sectors	Dental, Audiology, Jewelry, General	Dental, Audiology, Jewelry, General	Dental, Audiology, Jewelry, General
System Size	450 x 490 x 800mm	450 x 490 x 800mm	450 x 490 x 800mm
System Weight	34Kg	34Kg	34Kg
Packaged Size/Weight	550 x 590 x 900mm / 40Kg	550 x 590 x 900mm / 40Kg	550 x 590 x 900mm / 40Kg
Power	100~240VAC (50~60Hz) 5A MAX	100~240VAC (50~60Hz) 5A MAX	12VDC 10A

*Build envelope size may vary: ± 2mm



5 year

**UV LED
 WARRANTY**



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Power Failure Recovery

Builds can be continued after being aborted or if the system unexpectedly shuts down due to power failure without loss of part quality.

Office Friendly

The Freeform Pro™ is a true office peripheral with Ethernet connectivity for shared access across networks. Operation is almost completely silent, odor free, and requires no special facilities.

Widest Material Capability

SAS™ technology permits the widest material processing capability of any 3D printer in its class. Wax polymers for investment casting, biocompatible polymers for prosthetics, and tough plastics for durable functional parts are available.

Brushless Servo Precision

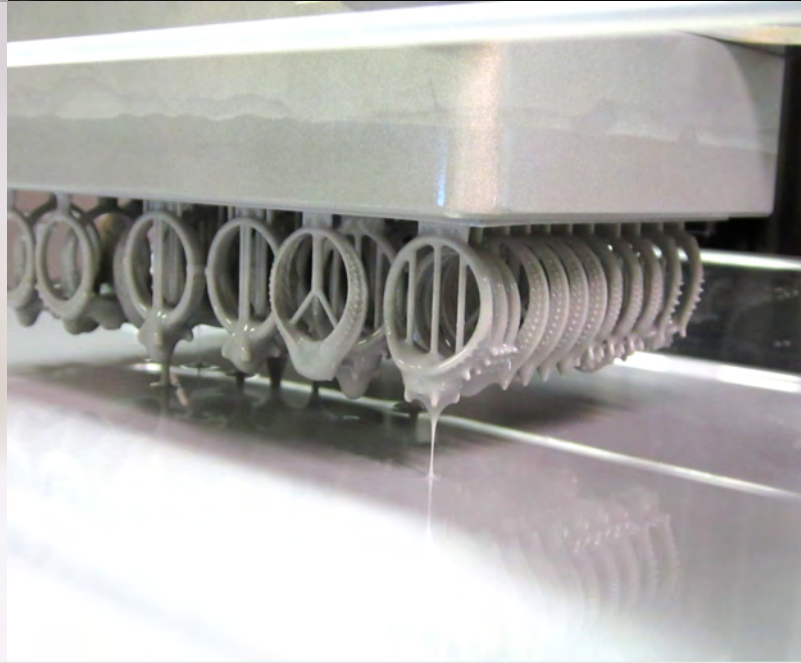
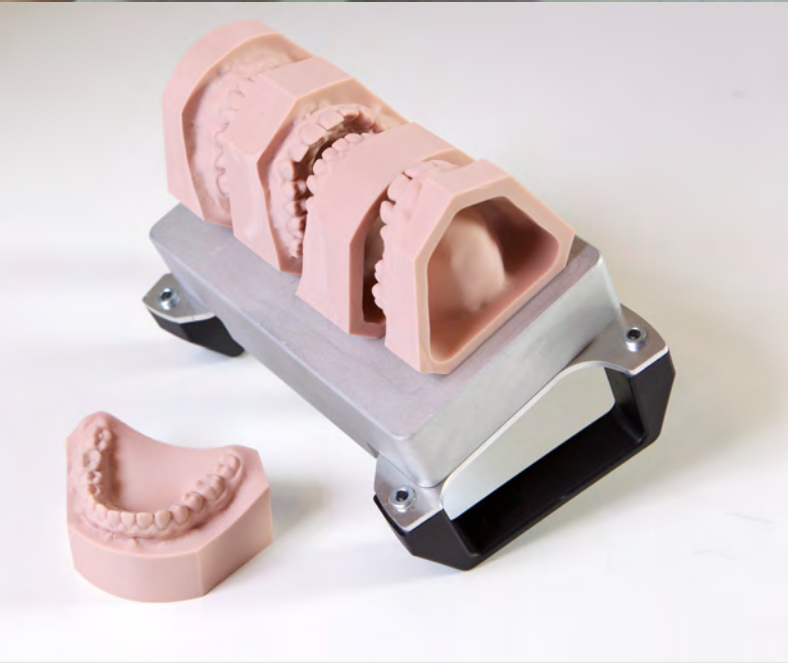
Closed-loop brushless servo control of the Z-axis permits arbitrary resolutions in 1 micron increments with 200 nanometre resolution, making the Pro™ unparalleled in accuracy, repeatability and reliability.

Full Parameter Control

All build parameters are editable by the user, making the Pro™ the most flexible system for demanding research and development applications.

Internal Web Server

Every Pro™ runs an internal web server allowing full remote operation and access to internal settings via a web browser.



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PRO



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