



Company Products Materials Applications Customer Support Case Studies News & Events Contact Us Login



## Products Overview

Connex500

Eden Family

Alaris30

PolyJet Matrix Technology

PolyJet Technology Movie

Objet Studio Software



Contact Us

### › Alaris™30



Product Movie

#### 3D Printers by Objet - The Alaris™30 Desktop 3D Printer - The smallest details create the real design.

The Alaris30 Desktop 3D Printer delivers a unique combination of high-quality, finely detailed printed models available in a compact office-friendly system. Creating smooth surfaces, complex geometries, small moving elements, fine details, stand-out text and whatever else the design demands. Just the solution that companies need to shorten their design cycle and propel their businesses forward, using 3D printers.

#### The Alaris™30 - bringing 3D printers to your desktop

Based on Objet's proven [PolyJet™](#) Photopolymer Jetting Technology, the Alaris30 creates true-to-life parts of any kind with superb accuracy, for 3D printers. It can build models simply, cost effectively and precisely as you design them.

Models produced on the Alaris30 are smoothly surfaced and finely detailed; the strong model material and highly accurate printing enable thin walls and small moving parts. The models are ideal for painting, functional, fit and form testing, and vacuum forming.

The Alaris30 operates as a network printer, allowing multiple designers in the office to send their files to be printed. The 300 x 200 x 150 mm (11.81 x 7.87 x 5.9in) build tray enables large models or many small parts to be built simultaneously, saving time and cost. The Alaris30 is small and lightweight enough to fit in any office, on a desk or with the stand Objet offers with the printer. It uses sealed 1kg cartridges of resins and the printed models are fully cured on the build tray.

#### Alaris30 Desktop 3D printer - Key Benefits

The Alaris30 Desktop 3D Printer produces precise details

Excels in printing exceptional detail by combining thin 28µ layers with a very small drop size and a high resolution of 600 x 600 dpi.



#### Technical Specifications

##### Tray size (XxYxZ)

300 x 200 x 150mm  
(11.81 x 7.87 x 5.9 in)

##### Net build size (XxYxZ)

294 x 196 x 150mm  
(11.57 x 7.72 x 5.9 in)

##### Layer thickness

28µ (0.0011 in)

##### Build Resolution

X-axis: 600 dpi  
Y-axis: 600 dpi  
Z-axis: 900 dpi

#### Material Supported

- VeroWhite FullCure830 Modeling material
- FullCure705 gel-like support material

#### Cartridges Weight

- Precise parts for functional, fit and form testing
- Highly accurate model size and shape (typically 0.1– 0.2 mm)
- Complex geometries and small moving elements
- Design verification for a wide range of applications
- Printing of text and other details that stand-out clearly

### **The Alaris30 Desktop 3D Printer enables high productivity**

Printing more in less time with the Alaris30.

- Enables big parts or many small parts to be printed simultaneously due to a build tray size of 300 x 200 x 150mm (11.81 x 7.87 x 5.9in)
- Four-cartridge loading delivers up to 36 hours unattended printing

### **The Alaris30 Desktop 3D Printer is ideally suited for an office environment**

Small and lightweight, the Alaris30 is a desktop 3-D printer that is perfect for any office, anywhere.

- Fits on a desk or dedicated stand
- Network-enabled to support multiple designers
- Required no special electricity

The Alaris30 Desktop 3D Printer is intuitive and simple to use

### **The Alaris30 is designed to be easy to use, with simple printer management and operation.**

- Turn any 3D CAD file into a part with just a few mouse clicks – Intuitive Objet Studio™ software ensures easy operation
- Fast and easy support removal – Just minutes from printing to finished parts

- 1kg (2.2 lb.)
- Number of cartridges:  
2 per model & 2 per support

#### **Power Requirements**

110 – 240 VAC 50/60 Hz  
1.5 KW single phase

#### **Machine Dimensions (WxDxH)**

825mm x 620mm x 590mm  
(32.25 x 33.85 x 40.94 in)

#### **Machine Weight**

83kg (183 lbs)

#### **Input Format**

STL, and SLC File

#### **Operational Environment**

Temperature 18°C to 25°C  
(64.0°F to 77°F)

Relative Humidity 30-70%

#### **Special Facility Requirements**

– None

#### **Number of Printing Heads**

2 units

#### **Network Communication**

LAN - TCP/IP

- Easy, error-free loading of Model and Support materials

**For more information about the Alaris30 Desktop 3D Printer**



[Download 3D Printers - Alaris30 Brochure - A4 size \(PDF\)](#)



[Download 3D Printers - Alaris30 Brochure - Letter \(PDF\)](#)



[- Top -](#)

© Copyright 2009 Objet Geometries Ltd. | [Privacy Policy](#)

[3D Prototyping](#) | [3D Printing](#) | [3D Printers](#) | [Rapid Prototyping](#)  
Objet Geometries Inc. 5 Fortune Drive, Billerica, MA 01821 USA