



 **OBJET24**

Personal 3D Printer

The low-cost, high-resolution personal 3D printer

- Universal solution for any product designer
- Affordable solution leveraging Objet technology for smooth surfaces and fine details
- 28-micron, high-resolution printing
- Tray size: 240 x 200 x 150 mm (9.45 x 7.87 x 5.9 in)
- Simple and easy operation, suitable for any user
- Ideal for any office environment

Technical Specifications

Layer Thickness (Z-axis)

Horizontal build layers of
28-micron (0.0011 in)

Tray Size (XxYxZ)

240 x 200 x 150 mm
(9.45 x 7.87 x 5.9 in)

Net Build Size (XxYxZ glossy)

234 x 192 x 148.6 mm
(9.21 x 7.55 x 5.85 in)

Build Resolution

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

Accuracy

0.1 mm (0.0039 in)
Accuracy varies according to geometry, part orientation and print size

Material Supported

- VeroWhitePlus Opaque material

Support Type

- FullCure®705 Support
- Non-toxic gel-like photopolymer support easily removed by WaterJet

Materials Cartridges:

Sealed 4x1 Kg (2.2 lbs) cartridges

Power Requirements

Single phase:
100-120V~; 50-60Hz; 7A
200-240V~; 50-60Hz; 3.5A

Machine Dimensions (WxDxH)

82.5 x 62 x 59 cm
(32.28 x 24.4 x 23.22 in)

Machine Weight

93 kg (205 lbs)

Software

- Objet Studio™ features:
- Automatic build orientation
 - Automatic real time support structure generation
 - Slice on the fly

Workstation Compatibility

Windows XP, Windows 7

Network Connectivity

Ethernet TCP/IP 10/100 base T

Input Formats

STL and SLC Files

Operational Environment

Temperature 18 C - 25 C (64 F - 77 F)
Relative Humidity 30 - 70 %

Special Facility Requirements

None

Jetting Heads

SHR (Single Head Replacement), 2 heads

Regulatory Compliance:

CE/FCC/RoHS

Other Features

- Quiet office operation

*All specifications are subject to change without notice.
Machine color may vary.



ABOUT OBJET GEOMETRIES

Objet Geometries Ltd., the innovation leader in 3D printing for rapid prototyping and additive manufacturing, provides 3D printing systems that enable manufacturers and industrial designers to reduce cost of product development and dramatically shorten time-to-market of new products.

Objet's ultra-thin-layer, high-resolution 3D printing systems and materials utilize PolyJet™ polymer jetting technology, to print ultra-thin 16-micron layers. The market-proven Objet Eden™ line of 3D Printing Systems and the Objet24 and Objet30 3D desktop printers are based on Objet's patented office-friendly PolyJet™ Technology. The Objet Connex™ family is based on Objet's PolyJet Matrix Technology, which jets multiple model materials simultaneously and creates

composite Digital Materials™ on the fly. All Objet systems use Objet's FullCure® materials to create accurate, clean, smooth, and highly detailed 3D parts.

Objet systems are in use by world leaders in many industries, such as Education, Medical / Medical Devices & Dental, Consumer Electronics, Automotive, toys, consumer goods, and footwear industries in North America, Europe, Asia, Australia, and Japan.

Founded in 1998, Objet serves its growing worldwide customer base through offices in USA, Mexico, Europe, Japan, China and Hong Kong, and a global network of distribution partners. Objet owns more than 50 patents and patent pending inventions. For more information, visit us at www.objet.com.

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