



 **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

 **OBJET®**

Technical Specifications

Layer Thickness (Z-axis)

Horizontal build layers down to 28-micron (0.0011 in)

Tray Size (X×Y×Z)

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

Net Build Size (X×Y×Z glossy)

234.4 × 192.7 × 148.6 mm
(9.22 × 7.58 × 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 (W×D×H)

82.5 × 62 × 59 cm

(32.28 × 24.4 × 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

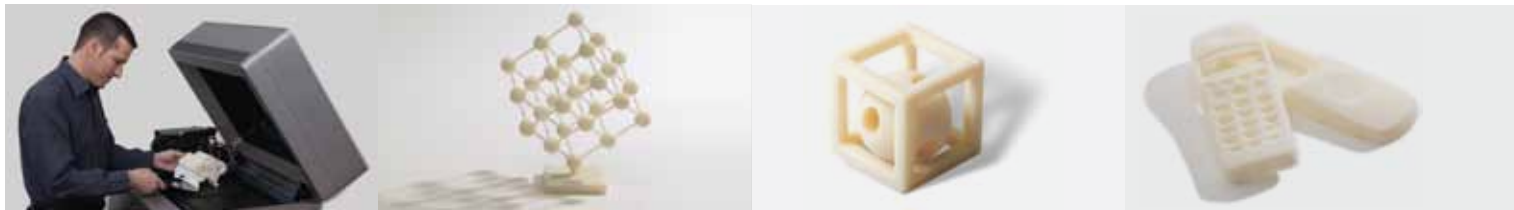
Regulatory Compliance:

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 customers worldwide, including Fortune 100 companies, in multiple industries such as Education, Medical, Medical Devices, Dental, Consumer Electronics, Automotive, Toys, Consumer Goods, Defense and footwear industries.

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

Objet Geometries Ltd.
Headquarters
2 Holtzman st.,
Science Park,
P.O Box 2496,
Rehovot 76124, Israel
T: +972-8-931-4314
F: +972-8-931-4315

Objet Geometries Inc.
North America
5 Fortune Drive
Billerica,
MA 01821
USA
T: +1-877-489-9449
F: +1-866-676-1533

Objet Geometries GmbH
Europe
Airport Boulevard B 210
77836 Rheinförster
Germany
T: +49-7229-7772-0
F: +49-7229-7772-990

Objet Geometries AP
Asia Pacific
Unit 45, 10/f, HITEC
1 Trademart Drive
Kowloon Bay, Kowloon
Hong Kong
T: +852-217-40111
F: +852-217-40555

Objet Geometries AP
Limited China Rep Office
Rm 1701, CIMIC Tower,
1090 Century Blvd,
Pudong Shanghai
200120 China
T: +86-21-5836-2468
F: +86-21-5836-2469

info@objet.com www.objet.com

© 2010 Objet, Quadra, QuadraTempo, PolyJet, FullCure, SHR, Eden, Eden250, Eden260, Eden260V, Eden330, Eden350, Eden350V, Eden500V, Job Manager, Objet Studio, CADMatrix, Connex, Connex350, Connex500, Alaris30, Objet24, Objet30, PolyLog, TangoBlack, TangoBlackPlus, TangoGray, TangoPlus, VeroBlue, VeroWhite, VeroWhitePlus, VeroBlack, VeroGray, Durus, Digital, Materials, PolyJet Matrix and ObjetGreen are trademarks of Objet Geometries Ltd. and may be registered in certain jurisdictions. All other trademarks belong to their respective owners.