

Support material removal system for Objet 3-D printing systems\*

# WATERJET

## The easy way to clean your models

Removing the support material from high-quality PolyJet models is super-easy and convenient with the WaterJet system. An easily affordable, compact system specifically designed for use with models produced on Objet 3-D printing systems, the WaterJet enables you to efficiently clean any type of model.

The WaterJet comprises a self-contained cleaning unit and a small, separate pump unit. The pump unit can be installed wherever convenient – in the office or in a separate area, such as a storage room.

The WaterJet is shipped with hardware for both standalone and tabletop installation, enabling you to choose the configuration that best suits your needs.

The pump and installation options enable you to locate the cleaning unit close at hand, even right alongside your Objet 3-D printing system.

### Key features and benefits

- Dual spray and jet nozzles produce an accurate water flow ideal for both delicate and robust model structures
- Designed for maximum ease of use and affordability
- Small footprint, cleaning unit is ideal for office environments
- Top cover enables easy placement and removal of models
- Choice of standalone or tabletop configuration enables optimal use of floor space



## Technical Specifications\*\*

### WATER JET DIMENSIONS:

**Size stand-alone:** (W x H x D): 22.8 x 61 x 27.5" (58 x 155 x 70cm)

**Size tabletop:** (W x H x D): 22.8 x 30.3 x 27.5" (58 x 77 x 70cm)

**Weight:** 66lb (30kg)

### PUMP DIMENSIONS:

**Size:** (W x H x D): 14.2 x 14.2 x 22" (36 x 36 x 53cm)

**Weight:** 66lb (30kg)

### FACILITY REQUIREMENTS:

**Power requirements:** 120VAC, 60Hz 15A

### WATER:

**Water input:** Water tap outlet standard 1/2" outer

**Required pressure:** 1 ATM and up

**Maximum water temperature:** 104°F (40°C)

**Draining:** Standard sink drain pipe 2" (US), 40mm (EU)

### PUMP UNIT:

**Maximum pressure:** 1750 psi (120.6 bar)

### OTHER FEATURES:

**Max. model size:** 11.81 x 9.84 x 7.84" (30 x 25 x 20cm)

**Nozzle type:** Dual spray pattern – from "jet" nozzle for robust models to "spray" nozzle for delicate items

**Operating method:** 24V electrical operated foot switch

**Configuration:** Tabletop or stand-alone configuration

**Lighting:** Two spot lights – for lighting and visibility

### OPERATIONAL ENVIRONMENT

**Temperature:** 64°F to 77°F (18°C to 25°C)

**Relative Humidity:** 30–70%

\* Recommended systems: Eden250 & Eden260

\*\* All specifications are subject to change without notice



## About Objet Geometries

Objet Geometries, the photopolymer jetting pioneer, develops, manufactures and globally markets ultra-thin-layer, high-resolution 3-dimensional printing solutions for rapid prototyping and rapid manufacturing.

The market-proven Eden line of systems is based on Objet's patented office-friendly PolyJet™ technology. Objet's FullCure® materials create accurate, clean, smooth and highly detailed 3-dimensional models, enabling the most complex 3-D models to be printed with exceptionally high quality, accuracy and speed.

Connex500™, Objet's latest innovation, is based on Objet's PolyJet Matrix™ technology, which offers jetting multiple model materials simultaneously. PolyJet Matrix jets Digital Materials™ creating composite materials which are fabricated on the fly.

Objet's solutions enable manufacturers and industrial designers to reduce cost of product development cycles and dramatically shorten time-to-market of new products. Objet systems are in use by world leaders in many industries, such as automotive, electronics, toy, 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, Europe, China and Hong Kong, and a global network of distribution partners. Objet owns more than 50 patents and patent pending inventions.

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