3D SYSTEMS

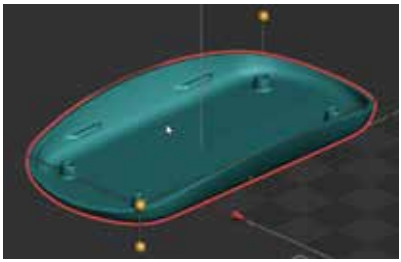
FabPro™ 1000 Printer

A new standard in affordability, quality and speed in entry-level industrial 3D printing

Ideal for engineering and jewelry applications, the FabPro 1000 excels at low-volume, small-part prototyping and direct 3D production across a range of materials, producing high-quality parts with lightning speed, remarkably low operating costs and unsurpassed ease of use.

FabPro™ 1000

ENTRY-LEVEL INDUSTRIAL 3D PRINTER



PRODUCTIVITY, REDEFINED

Compared to competing systems, the FabPro 1000 features up to three-times-faster high-throughput print speeds for higher-quality parts with precision and smooth surface finish.

START-TO-FINISH SIMPLICITY

Preparing part files for printing and monitoring print jobs is easy with 3D Sprint™ software. Plus, replacing print trays and switching materials is a snap, and post-processing is a simple two-step process.

INDUSTRIAL STRENGTH

This entry-level powerhouse packs industrial durability and reliability into a rugged yet compact platform, delivering the professional quality businesses need, day in and day out.

LOWER COSTS, DELIVERED

The FabPro 1000 is engineered for material efficiency and consistent, repeatable runtimes, making 3D prototyping and production more accessible and affordable than ever before.

Materials Made for Quality. Applications Made for You.

From tough engineering plastics to castable materials, the FabPro 1000 materials are designed for accuracy and quality.

FABPRO TOUGH BLK

A durable plastic material for producing black parts for functional prototyping and production parts. Combined with the versatility, reliability and small footprint of the FabPro, this tough material provides engineers with a solution to create prototype applications quickly.

FABPRO PROTO GRY

A fast, general purpose plastic material ideally suited for industrial applications.
The FabPro's precision printing in this opaque gray material highlights fine features, and is ready for finishing and printing, perfect for high-quality prototypes and models.

FABPRO JEWELCAST GRN

A green material ideal for small, fine featured jewelry master patterns for gypsum investment casting applications. This material leaves minimal ash after burnout to produce superior casting quality. Create and produce custom jewelry or other investment castings that capture fine detail and smooth surface finish.

Accessories

- **FINISHING KIT** (included with the printer)

  A finishing kit with tools you need to clean* parts, rinse tanks and lids, part cleaning brush, and utility tools are all included with the printer.

- **OPTIONAL LC-3DPRINT BOX UV POST-CURING UNIT**

  An optional LC-3DPrint Box post-curing unit is available for UV-curing parts and is the recommended UV-curing unit for all FabPro print materials.

- **OPTIONAL LC-3DMIXER FROM 3D SYSTEMS**

  Material can be stirred manually with the included stirrer, or the optional LC-3DMixer automates this process by rolling the bottle.

*Does not include isopropyl alcohol or other cleaning agents required for cleaning.

System Properties	
Printer size	43 x 43 x 61.2 cm (16.9 x 16.9 x 24.1 in)
Weight	37.5 kg (82.67 lbs)
Interface	Ethernet connection USB (direct printing)
Software	3D Sprint™
Power input Printer With adaptor	 24V DC, 3.75A 100-240V AC, 2A, 50/60 Hz
Package size	62 x 62 x 101 cm (24.5 x 24.5 x 39.75 in)
Package weight	55 kg (121 lbs) (including pallet)

Printing Specifications	
Build size	125 x 70 x 120 mm (4.92 x 2.76 x 4.72 in)*
Pixel Pitch	65 microns (0.0025 in) (390.8 effective DPI)
Layer Thickness	30-50 microns (0.0012 to 0.002 in) (material dependent)
Wavelength	405 nm

Operating Environment	
Temperature	18-28 °C (64-82 °F)
Humidity (RH)	30-70 %

FabPro 1000 Material Options	
FabPro Proto GRY	• Fast general purpose material for opaque gray parts • Ideally suited for industrial applications
FabPro Tough BLK	• Durable production material for producing black parts
FabPro JewelCast GRN	• Green material ideal for small, fine-featured jewelry master patterns for gypsum investment casting patterns

* Maximum part size is dependant on geometry, among other factors

3D Systems Corporation
333 Three D Systems Circle
Rock Hill, SC 29730
www.3dsystems.com

04-18