



Figure 4[®] Standalone

Ultra-fast and affordable industrial 3D printer

Part of 3D Systems' scalable, fully integrated Figure 4 technology platform, Figure 4 Standalone is an affordable and versatile solution for low volume production, and same-day prototyping for fast design iteration and verification, offering speed, quality and accuracy with industrial-grade durability, service and support.

Figure 4 Standalone

ULTRA-FAST, AFFORDABLE INDUSTRIAL 3D PRINTER



AFFORDABILITY:

Industrial-grade durability at an affordable price



VERSATILITY:

Performance from a variety of materials



SPEED:

Fast throughput speed for accelerated "parts-in-hand" delivery



TOTAL COST OF OPERATIONS:

Cost efficient prototyping



FAST TURNAROUND

Achieve same-day functional prototyping and low volume production for output volumes of up to 500 parts per month, with ultra-high speeds up to 100 mm/hour.



EASE OF USE

Figure 4 Standalone was designed for ease-of-use, and includes file preparation and print management with the powerful 3D Sprint® software, quick and easy material changes with a manual material feed, and a separate post-processing accessory available for curing.



CONSISTENT, HIGH QUALITY OUTPUT

Powered by non-contact membrane Digital Light Printing (DLP) technology, Figure 4 Standalone offers quality and accuracy at six sigma repeatability, with exceptional surface finish and fine feature detail. With a compact and easy-to-use design, Figure 4 Standalone delivers industrial-grade durability, service, and support with an Advanced Service Exchange model and 3D Connect™ for proactive and preventative support.



WIDE RANGE OF APPLICATIONS

With Figure 4 Standalone versatility, you can use the same printer for rapid iteration, functional prototyping, design verification, end-use parts for low volume production and replacement parts, digital texturing applications, jewelry casting patterns, rapid tooling of molds, master patterns, jigs and fixtures.

Range of Materials for Applications Versatility

Create parts that combine high resolution with exceptional surface quality and mechanical properties from a variety of robust materials. Materials available for Figure 4 Standalone include a broad and expanding range of industrial materials, including cast and elastomeric materials. Quick and easy material changeover allows for functional prototyping and production application versatility with the same printer.



Figure 4™ TOUGH-GRY 10

High speed material for the production of rigid gray parts

Figure 4™ TOUGH-GRY 15

Economical material for the production of rigid gray parts

Figure 4™ FLEX-BLK 10

Flexible material for the production of exceptionally durable polypropylene-like black parts

Figure 4™ ELAST-BLK 10

Elastomeric black material for design and test applications

Figure 4™ JCAST-GRN 10

Castable green material for jewelry applications

NOTE: Not all products and materials are available in all countries – please consult your local sales representative for availability.

Accessories

LC-3DPRINT BOX UV POST-CURING UNIT

The optional LC-3DPrint Box post-curing unit is available for UV-curing parts, required to obtain the final material properties, and is the recommended UV-curing unit for Figure 4 Standalone print materials. The LC-3DPrint Box is a revolutionary UV light box equipped with 12 UV light bulbs strategically placed inside to ensure a product is illuminated from all sides, which results in a quick and uniform curing cycle. This light-based UV curing process takes minutes versus hours with heat-based curing processes.



LC-3DMIXER

The optional LC-3DMixer keeps your Figure 4 materials ready for use at any time at an optimum consistency. The LC-3DMixer is a roller/tilting stirring device for mixing 3D printing materials.

Figure 4 Standalone Properties

Build Volume (xyz)	124.8 x 70.2 x 196 mm (4.9 x 2.8 x 7.7 in)
Print Speed	Up to 100mm/hr
Max Resolution	1920 x 1080 pixels
Pixel Pitch	65 microns (0.0025 in) (390.8 effective PPI)
Wavelength	405 nm
Dimensions (WxDxH) 3D Printer 3D Printer with Pedestal	42.6 x 48.9 x 97.1 cm (16.7 x 19.25 x 38.22 in) 68.1 x 70.4 x 135.6 cm (26.8 x 27.71 x 53.38 in)
Weight 3D Printer 3D Printer with Pedestal	34.5 kg (76 lbs) 54.4 kg (120 lbs)
Materials	FIGURE 4 TOUGH-GRY 10 – Rigid, dark gray FIGURE 4 TOUGH-GRY 15 – Rigid gray FIGURE 4 FLEX-BLK 10 – Flexible, black FIGURE 4 ELAST-BLK 10 – Elastomeric black FIGURE 4 JCAST-GRN 10 – Castable green
Software	3D Sprint, 3D Connect capable
Post-Processing	<ul style="list-style-type: none"> Includes part finishing tools accessory kit; Requires optional 3D Systems LC-3Dprint Box UV post-curing unit or other UV-curing unit

Accessories	LC-3DPrint Box	LC-3D Mixer
Load Capacity (WxDxH)	260 x 260 x 195 mm	N/A
Dimensions (WxLxH)	41 x 44 x 38 cm	410 x 270 x 100 mm
Full light spectrum	300-550 nm	N/A
Weight	22 kg	4 kg
Electrical	110/230 V, 50/60 Hz, 2.6/1.3 A	100-240 V, 50/60 Hz

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Warranty/Disclaimer: The performance characteristics of these products may vary according to product application, operating conditions, material combined with, or with end use. 3D Systems makes no warranties of any type, express or implied, including, but not limited to, the warranties of merchantability or fitness for a particular use.



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3D PRINTING THE FUTURE

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DISTRIBUTOR | Middle East & North Africa

U.A.E Office : 3204, Prism Tower, Business Bay, P.O. Box 28820, Dubai, U.A.E.
K.S.A Office : Al Saif Tower, 6th Floor, King Abdullah Street, Near Intersection with Olaya Street, Riyadh, K.S.A.
Tel : +971.4.443.3853 ; Fax : +971.4.443.3938 ; Email : info@3d-me.com ; Website: www.3d-me.com