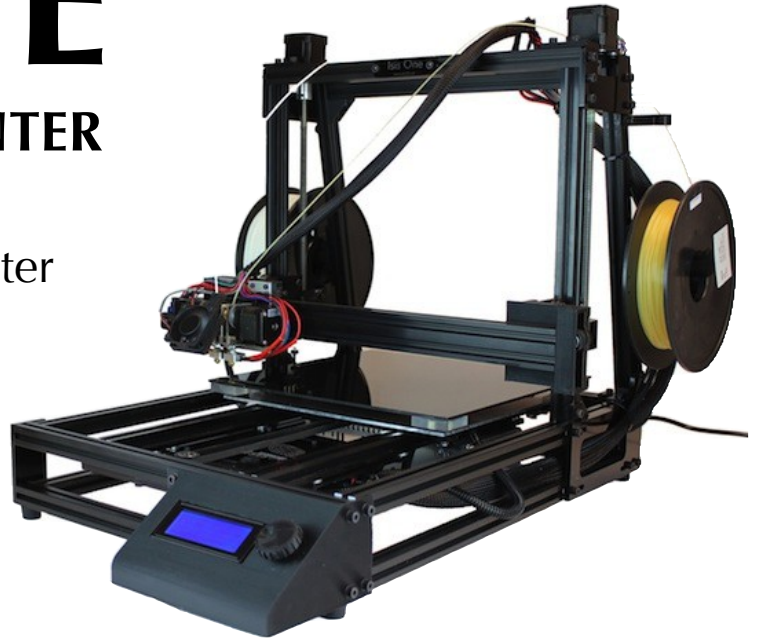


ISIS ONE™

DUAL EXTRUDER 3D PRINTER

The most advanced 3D printer
under \$10,000.



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Press Kit: www.isis3d.net/pages/press

Isis One™ Dual Extruder sets new standard for desktop 3D printers.

CHICAGO, May 27, 2014 — Isis3D™, a young yet highly ambitious 3D printer startup, has just released a dramatically improved version of its already impressive Isis One desktop 3D printer. Now featuring precision-aligned powerful dual extruders for soluble support, the Isis One is capable of printing a vastly expanded range of complex geometries.

Able to print simultaneously in standard thermoplastic and water-soluble PVA, the new Isis One frees users from the historic limits on extrusion based 3D printing. Automatically generated support structures effortlessly and cleanly dissolve away after the print is finished, making possible the creation of sophisticated and realistic prototypes, art of unprecedented complexity, elaborate mechanical systems, and complicated architectural models.

“This changes everything,” says Isis3D co-founder Marc Auger. “The new Isis One brings soluble support printing capability to all users, previously the exclusive province of vastly more expensive 3D printers.”

The new dual extruder Isis One also features dynamic bed leveling, a system that automatically probes the print bed at the beginning of each print and uses the printer's Z system to compensate for the actual plane of the bed. This drastically improves reliability and ease of use.

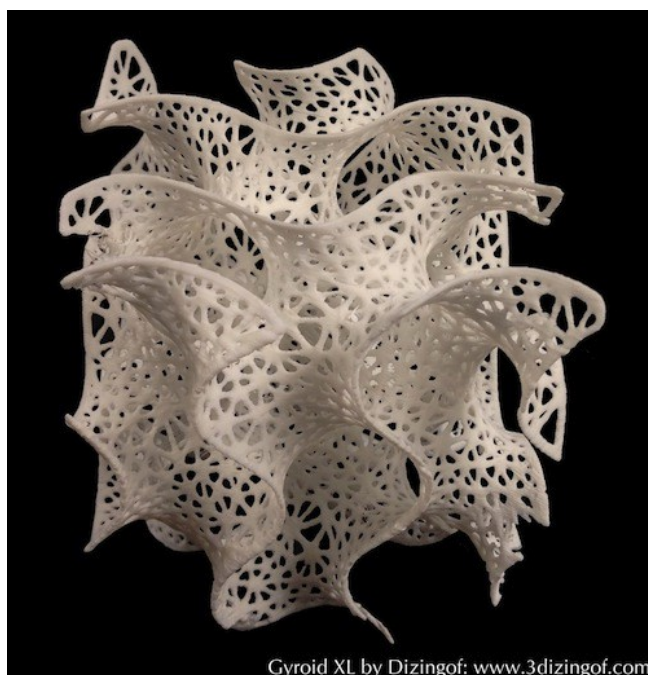
To create the Isis One, Isis3D's team invested over a year in engineering an exceptionally robust and reliable machine completely from scratch, going through dozens of iterations until their unyielding high standards were met. The result is a 3D printer that directly competes with

enterprise level printers many times its price. “When we started out, we saw a ton of consumer printers on the market, almost all of which were suffering from the same reliability and print quality problems,” says Stephanie Avalos-Bock, co-founder. “They were novel and they had pretty lights but you couldn't do much with them. It was clear that what was needed was something better, something rigorously engineered, something more fully thought out. Our goal was to close the gap between the cheap, toy printers and the outrageously expensive professional machines. The Isis One is a top-quality 3D printer that's orders of magnitude more accessible than anything that came before.”

Perhaps the most exciting feature of the new Isis One dual extruder is that which gives it its dual extruder capability: it's new printhead. Each extruder has two driven feed wheels, geared to provide 135 N cm of torque, three times the industry standard. It never slips, strips, or jams. And, with such a small melt chamber, each extruder commands very tight control over the filament, eliminating ooze and stringing, and allowing sustained standard 150 mm/s infill speeds.

In addition to soluble support, the Isis One boasts superior print quality, excellent reliability, and a fully heated borosilicate glass bed for unparalleled first layer adhesion. Moreover, its massive 300 x 300 x 225 mm (12 x 12 x 9 inch) build volume empowers users not only to iterate quickly but also to do short run production in house, saving valuable time and money, and lowering barriers to entry. The Isis One further facilitates production printing with its LCD Smart Controller console, which allows standalone, computer-free printing.

The new dual extruder Isis One desktop 3D printer is available for order at www.isis3d.net for \$2399, which includes starter spools of PLA and PVA filament, as well as a KISSlicer Pro license. Isis3D is currently shipping its considerable backlog of pre-orders and is quoting a lead time of 12 weeks on new orders. Shipping is currently free within the continental United States and Canada.



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SPECIFICATIONS

Build area: 300 x 300 x 225 mm (12 x 12 x 9 in)

Infill/inner perimeter print speed: 150 mm/s

Outer perimeter print speed: 20 mm/s

Material: PLA, PVA soluble support

Filament size: 1.75 mm

Build platform: Heated borosilicate glass

Nozzle size: 0.35 mm