

CubePro™

Feature | Function | Benefit



CubePro 3D Printing. Real. Pro.

Quickly, accurately and economically print detailed parts for prototyping and testing. The CubePro is ideal for fast iteration and testing of functional and aesthetic prototyped parts for a full range of applications. Multi color and material, high speed + high resolution with a controlled environment. CubePro's 70 micron thin prints in Nylon, ABS and PLA give you unmatched strength and diversity for your desktop prototyping.

COMPETITIVE ADVANTAGES

- 30% larger build volume vs. closest competitor
- CubePro's climate controlled chamber for optimal printing with multiple materials ensures high quality, accurate prints every time.
- Print with Nylon, ABS and PLA in over 25 colors simultaneously in hi-res 70 micron layer thinness
- Includes a 90 day manufacturer's warranty. A nine month extended warranty is available.
- Smart Cartridge Systems with professional grade materials automates the printing process and print settings so you don't have to
 - Wifi capabilities allow you to print wirelessly
 - US based Tech-Support available 5 days a week via phone and e-mail
 - Products designed, manufactured, and assembled in the US

CUSTOMER VALUE

DESKTOP ENGINEERS & DESIGNERS

Prototype and test on your desktop quickly, affordably and efficiently with a larger build volume and multi-material print capabilities.

EDUCATION

Help prepare today's students for careers in science, engineering, math, design and more.

ARCHITECTURE

Perfect your most complex models and communicate early in the design process.

ADVANCED HOBBYIST

Print large and powerfully with professional grade materials, on a printer designed for your home workshop, garage or mancave. Ideal for DIY robotics, sports, tech, and auto gear.

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FEATURE	FUNCTION	BENEFIT
Large build volume	Functional build volume of 11.2" x 10.6" x 9.06" or 285.4mm x 270.4mm x 230mm	Prints 2.5 times larger than any other desktop prosumer and hobbyist printer. Professional quality printing has never been so large or easy.
High-resolution, multi-color and multi-material printing	Print in up to 3 colors at a time with up to 3 material options. Customizable print settings allow you to choose from high-resolution 70 micron, standard 200 micron and fast draft 300 micron for your perfect print.	Selection from over 24 vibrant colors for infinitely unique combinations and ultra high-resolution 70-micron thin print layers for a smooth surface finish. Standard 200 or fast draft 300 micron settings print faster and use less material.
Controlled print environment	The controlled print environment contains the heat from the nozzles and protects the print from changes in the outside environment such as temperature and humidity.	Ensures improved accuracy and reliability for effortless, professional quality every time, even for your largest ABS plastic prints. Automated settings ensure homesafe printing on your professional desktop.
Material diversity	Prints in engineering-grade Nylon, ABS plus efficient PLA.	Materials allow for iteration capabilities from design communication to functional testing throughout the prototype process.

TECHNICAL SPECIFICATIONS

<ul style="list-style-type: none"> • WEIGHT & DIMENSIONS CubePro dimensions 22.75 in (57.8 cm) x 23.25 in (59.1cm) x 22.75 in (57.8 cm) CubePro weight 90.7 lb / 41 kg Maximum build size 11.2 in (28.54 cm) x 9.06 in (23 cm) x 10.6 in (27.04 cm)	70-microns, 200-microns and 300-microns <ul style="list-style-type: none"> • PRINT TOLERANCE X and Y axis ± 1% dimension or ± 0.2mm (0.008" / 200mm microns). Z axis ± half the processed z resolution.	in PLA or ABS <ul style="list-style-type: none"> •SOFTWARE: Complimentary conversion software. • COMPATIBILITY Windows requirements 32 or 64 bit operating systems: Windows 7, Windows 8, Windows 8.1 Mac OSX requirements Mac 10.8 and up
<ul style="list-style-type: none"> • Z AXIS RESOLUTION 	<ul style="list-style-type: none"> • EXTRUSION SPEED Maximum 15mm (9/16") per second and polymer dependent	<ul style="list-style-type: none"> • SUPPORTS: Break away auto supports