

S 3DUO

HIGH PRECISION 3D WAX PRINTER

Empowering Precision and Efficiency

S3Duo Advanced
for the most printing
options

S3Duo Solidjet
for even faster printing

Your Choice. Your Pace.
Your Perfection.

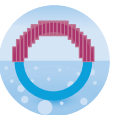


Solidescape, the best 3D printers built exclusively for custom jewelers. Create ultra-precise, directly castable wax models for superior casting results.



INDUSTRY-BEST PRECISION

Dimensional accuracy and detail for true-to-CAD results



MELT-AWAY SUPPORT

System-generated support dissolves in post-printing leaving a pristine wax model



DIRECTLY CASTABLE

Clean burnout, no thermal expansion, and no ash residue



RELIABLE PERFORMANCE

Ready-to-cast models with crisp detail and smooth surface finish, print after print.

** The product image shown is for illustration purposes only and may not be an exact representation.*

Work smarter, not harder.

Optimize workflow, enhance creativity and boost your bottom line with the Solidscape S3Duo High Precision 3D Wax Printer for jewelry

Solidscape S3Duo for Jewelry

PRINTING PROPERTIES

S3Duo Advanced

S3Duo with Solidjet

Layer Thickness:	User Selectable - 0.00025 inch (0.00635 mm) to 0.002 inch (0.051 mm) at 0.00025 inch (0.00635 mm) increments	User Selectable - 0.001 inch (0.0254 mm) to 0.002 inch (0.0508 mm) at 0.00025 mm
Resolution:	5000 X 5000 dots/inch (197 X 197 dots/mm) in X, Y	
Accuracy:	±0.005 inch (127 µm) for 1st inch (25.4 mm), ±0.001 inch/inch (25.4 µm) each additional inch X,Y and Z	
Surface Finish:	Layer thickness-dependent, up to 32 micro-inches (RMS)	
Start Process:	Fully automated, one-touch operation	
Status Monitoring:	Fully automated fault detection, restarts build from point of interruption	
New! Speed Mode Available:	Optional speed mode from 0.001 inch (0.025 mm) to 0.002 inch (0.051 mm) - maximum print speed thanks to Solidjet technology	

PRINTER SPECS

Build Envelope:	6 x 6 x 4 inches (152.4 x 152.4 x 101.6 mm)
Dimensions:	21.4 x 18 x 16 inches (558 x 495 x 419 mm)
Weight:	80 lbs (36 kg)
Power:	100 - 240 V Required
Operating Temperature:	60° to 75°F (16° to 24°C)
Humidity:	40-60%
Agency Compliance:	CE Certified, FCC Class B approved, TUV certified EN 60950 Compliant

MATERIAL PROPERTIES

Midas® Castable Material:	Proprietary model material formulated for clean burnout, producing 100% direct casting results
Melt® Dissolvable Support:	Proprietary support material engineered to dissolve completely, hands-free, resulting in superior surface finish
Material Capacity:	Larger tanks require less filling and allow for longer print runs
Material Monitoring:	Display indicates build and support material levels accurately in 10% increments

SOFTWARE AND SYSTEM REQUIREMENTS

One-Click Software:	Automatically formats CAD files for 3D printing
CAD File Input:	.stl and .slc files
System:	Windows, PC-to-printer connectivity via high-speed USB 2.0 or Ethernet