

S 3DUO

SOLIDJET

Precision and speed from a single SolidScape 3D wax printer

Boost your efficiency
with the new
SolidScape **S3DUO**



SolidScape, the best 3D printers built exclusively for custom jewelers. Create ultra-precise, directly castable wax models for a clean burnout and superior surface finish.



INDUSTRY-BEST PRECISION

Dimensional accuracy and detail for true-to-CAD results



DIRECTLY CASTABLE

Clean burnout, no thermal expansion, and no ash residue



MELT-AWAY SUPPORT

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



RELIABLE PERFORMANCE

Ready-to-cast models with crisp detail and smooth surface finish

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

solidScape
HIGH PRECISION 3D PRINTERS

Cad  **Cast**
3D Printing Solutions

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 -Solidjet

PRINTING PROPERTIES

Speed mode available:	Optional speed mode from 0.001 inch (0.025 mm) to 0.002 inch (0.051 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

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

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