

WHAT EVERY JEWELER NEEDS



solidscape[®]
by Prodways

[solidscape.com](https://www.solidscape.com)

Introducing the *NEW* S325 high precision 3D wax printer

The S325 delivers the extraordinary precision you need at the right price. Jewelers are free to design innovative custom jewelry without limits and manufacture with less work than with other technologies.

Automated Melt® dissolvable support

The Solidscape 2-material system saves hours of work in CAD and at the bench. The system automatically generates the support for printing. Post-printing, the Melt® support dissolves hands-free, revealing an unblemished model ready for casting.

Dependable Midas® casting performance

Midas® model material was made for casting delicate jewelry designs in any precious metal, especially platinum. Every design feature is perfectly replicated in the final casting without the need for time-consuming workarounds.



Solidscape precision & Midas castability



“With Solidscape, we do not worry about adding support wires to our designs. The system factors in where support is needed for us, saving time in both CAD and at the bench during finishing.”

— Sarah Michiko, Platinum Plus Designs

“There are a number of reasons we prefer Solidscape printers. Over the years, the responsiveness from customer service, their patience and detailed explanations.”

— Sasha Primak Jewelry

The *NEW* Solidscape S325

PRINTING PROPERTIES

Layer Thickness:	0.001 inch (0.0254 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 25 micro-inches (RMS)
Start Process:	Fully automated, one-touch operation
Status Monitoring:	Fully automated fault detection, restarts build from point of interruption
Calibration Capacity:	Efficient calibration and optional user selectable frequency

TECHNICAL SPECIFICATIONS

Dimensions:	21.4 x 18 x 16 inches (558 x 495 x 419 mm)
Build Envelope:	6 x 6 x 4 inches (152.4 x 152.4 x 101.6 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 for 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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