

# WHAT EVERY JEWELER NEEDS



**solidscape**<sup>®</sup>  
by Prodways

[solidscape.com](http://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

<b>Layer Thickness:</b>	0.001 inch (0.0254 mm)
<b>Resolution:</b>	5000 X 5000 dots/inch (197 X 197 dots/mm) in X, Y
<b>Accuracy:</b>	±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
<b>Surface Finish:</b>	Up to 32 micro-inches (RMS), geometry dependent
<b>Start Process:</b>	Fully automated, one-touch operation
<b>Status Monitoring:</b>	Fully automated fault detection, restarts build from point of interruption
<b>Calibration Capacity:</b>	Efficient calibration and optional user selectable frequency

## TECHNICAL SPECIFICATIONS

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

## MATERIAL PROPERTIES

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

## SOFTWARE AND SYSTEM REQUIREMENTS

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

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