WHAT EVERY JEWELER NEEDS

Cad Cast
3D Printing Solutions

solidscape
HIGH PRECISION 3D PRINTERS

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.

Automate 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.

The New Solidscape S325+

PRINTING PROPERTIES

Layer Thickness :	0.0015 inch (0.0381 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 (38.1 µm) each additional inch X,Y, and Z
Surface finish :	Up to 32 micro - inches (RMS), geometry dependent
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 SPECIFICATION

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 prints run
Material Monitoring :	Display indicates build and support material levels accurately in 10% increments

SOFTWARE AND SYSTEM REQUIRMENTS

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

Solidscape®
by Prodway

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