S300 Series
Dimensionally Accurate 3D Wax Printers for Jewelry

The only wax model 3D printers built exclusively for jewelers, the Solidscape S300 Series create dimensionally accurate wax models for precision investment casting in all precious metals no expansion or shrink, and clean burnout.

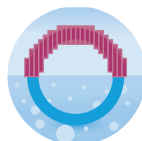*NEW*   **S325** Production printer at an entry level price

NEW   **S360** High production printer using **eXtra Dimensional Printing** technology

NEW Premium Offer   **S390** Highest production printer including Life Time Printhead Warranty

CONSISTENCY

Drop on demand material jetting and meticulous milling at every layer produce models of dimensional accuracy beyond any other technology.

EASY TO USE

Auto-generated support dissolves hands-free, revealing a perfect wax model without blemishes.

RELIABLE WORKFLOW

Solidscape wax models are a direct route to finished casting. 100% castable in gold, platinum and all precious metals.

Work smarter, not harder.

Optimize workflow, enhance creativity and boost your bottom line with the Solidscape S300 Series of wax model 3D printers for precision investment casting.

Solidscape S300 Series for Jewelry

PRINTING PROPERTIES

	S325	S360	S390
Layer Thickness:	0.001 inch (0.0254 mm)	User Selectable 0.00025 inch (0.00635 mm) to 0.0015 inch (0.038 mm)	User Selectable - 0.001 inch (0.0254 mm) to 0.002 inch (0.0508 mm) at 0.00025 inch (0.00635 mm) increments
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		
Calibration Capacity:	Quicker calibration and ability to select calibration frequency means less wasted material		

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

S390 BASE SPECIFICATIONS (may be purchased separately for the S325 and S360)

BASE	Printer stand and storage cabinet		
Dimensions:	21.45 x 20.55 x 30 inches (544 x 522 x 762 mm)	Weight w/Dust Collector:	91 lbs (41.3 kg)
Voltage Line Regulator	Regulates power levels to the 3D printer under poor or fluctuating input power conditions		
Weight:	9.24 lbs (4.2 kg)	Nominal Input Voltage:	120/230 V
Input Frequency:	50/60 Hz	Surge energy rating:	680/300 Joules
Dust Collector	Maintains model quality during printing		
Dimensions:	13 x 10.25 x 14.25 inches (310 x 260 x 362 mm)	Noise Level:	49 dBA
Weight:	28 lbs (12.7 kg)	CFM:	141 (240 m³/hour)
Amps:	7/3	Voltage:	120/230 V