

S300 Series

High Precision 3D Printers for Jewelry

The only wax model 3D printers built exclusively for jewelers, the Solidscape S325, S350, S370 and S390 create ultra-precise, directly castable wax models with, clean burnout and superior surface finish.



PRECISION

Wax models with extraordinary precision



MELT-AWAY SUPPORT

Auto-generated support dissolves in post-printing



DIRECTLY CASTABLE

Fast melt-out, no thermal expansion and no ash residue

LIFETIME
Printhead
WARRANTY

Special Offer
with the S390
now through
December 30th



Work smarter, not harder.

Optimize workflow, enhance creativity and boost your bottom line with the Solidscape S325, S350, S370 and S390 wax model 3D printers.

Solidscape S300 Series for Jewelry — S325, S350, S370 & S390

PRINTING PROPERTIES	S325	S350	S370 & S390
Layer Thickness:	0.001 inch (0.0254 mm)	User Selectable - 0.00025 inch (0.00635 mm) to 0.003 inch (0.0762 mm) at 0.00025 inch (0.00635 mm) increments	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		
New! 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, S350 and S370)

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