

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

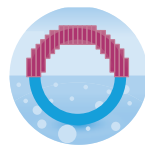
NEW S360 High production printer using **eXtra Dimensional Printing** technology

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 |

solidscape
BY PRODDWAYS

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