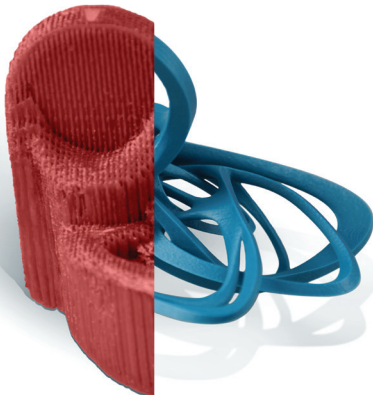


## S300 Series

### High Precision 3D Printers for Jewelry

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



#### PRECISION AND ACCURACY

Stunning symmetry, exacting wall thickness and extreme detail



#### DIRECTLY CASTABLE

100% castability in gold, silver, platinum and all castable materials



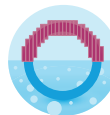
#### COMPLEX GEOMETRIES

Gravity-defying overhangs, organic shapes and interlocking parts



#### SUPERIOR SURFACE FINISH

Pristine, smooth wax models require virtually no finishing



#### MELT-AWAY SUPPORTS

Auto-generated supports dissolve, hands-free, in a non-toxic process



#### CLEAN BURNOUT

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



#### INTUITIVE 3D PRINTER SOFTWARE

Troubleshoot and fix models before printing with drag-and-drop ease



#### INCREASED PROFITABILITY

Create custom parts at mass production costs



#### DESIGN FREEDOM

Innovate without limits, eclipse the competition

# Work smarter, not harder.

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

## Solidscape S300 Series — S350 & S370

### PRINTING PROPERTIES

#### S350

**Layer Thickness:** User Selectable - 0.00025 inch (0.00635 mm) to 0.003 inch (0.0762 mm) at 0.00025 (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

#### S370

**Layer Thickness:** User Selectable - 0.001 inch (0.0254 mm) to 0.002 inch (0.0508 mm) at 0.00025 (0.00635 mm) increments

### TECHNICAL SPECIFICATIONS

**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 50.8 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-J 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

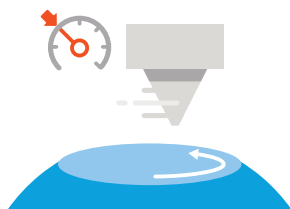
### SOFTWARE AND SYSTEM REQUIREMENTS

**One-Click Software:** Automatically formats CAD files for 3D printing

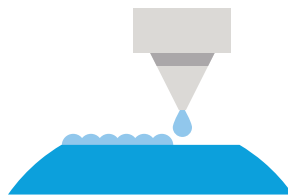
**CAD File Input:** .stl and .slc files

**System:** Windows, PC-to-printer connectivity via high-speed USB 2.0 or Ethernet

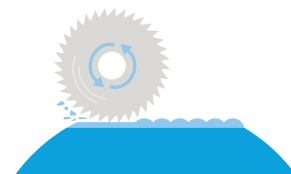
## Ultra accurate, high precision 3D printing SUPERIOR WAX MODELS FOR SUPERIOR CASTINGS



**Smooth Curvature Printing Algorithm** dynamically adjusts carriage velocity to sustain continuous motion, producing the highest precision and surface finish in the industry.



**Drop on Demand Technology** positions precise drops of wax along X, Y and Z axes, resulting in exact build plate placement and high-definition details.



**Rotating Milling Blade** levels every print layer, delivering controllable layer thickness down to 6µm, impossibly complex builds and unbeatable, repeatable accuracy.