



Solidscape Precision  
**FASTER**

## Get the total package

The S390 is an all-inclusive system engineered exclusively for jewelry manufacturing :

- **High precision 3D printer**  
New Solidjet™ technology delivers Solidscape precision - fast and with enhanced reliability
- **Best-in-class materials**  
Midas™ castable material and Melt™ hands-free dissolvable support material work in tandem to produce accurate, fine-featured models with the best surface finish in the industry
- **Industrial dust collection system**  
Whisper-quiet dust collector maintains model quality during printing
- **Voltage line regulator**  
Ensures consistent power to the 3D printer for optimum model quality
- **All contained in a Solidscape Base**



# The new Solidscape S390

## Design without Limits

### PRINTING PROPERTIES

<b>Layer Thickness :</b>	User Selectable - 0.001 inch to 0.002 inch at 0.00025 increments
<b>Resolution :</b>	5000 x 5000 dots/inch (197 x 197 dots/mm) in X, Y
<b>Accuracy :</b>	±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
<b>Surface finish :</b>	Layer thickness-dependent, up to 32 micro-inches
<b>Start Process :</b>	Fully automated, one - touch operation
<b>Status Monitoring :</b>	Fully automated fault detection, restarts build from point of interruption
<b>Calibration Capacity :</b>	Quicker calibration and ability to select calibration frequency means less wasted material

### TECHNICAL SPECIFICATION

<b>Dimensions :</b>	21.4 x 18 x 16 inches (558 x 495 x 419 mm)
<b>Build Envelope :</b>	6 x 6 x 4 inches (152.4 x 152.4 x 101.6 mm)
<b>Weight :</b>	80 lbs (36 kg)
<b>Power :</b>	100 - 240 V Required
<b>Operating Temperature :</b>	60° to 75°F (16° to 24° C)
<b>Humidity :</b>	40 - 60 %
<b>Agency Compliance :</b>	CE Certified, FCC Class B approved, TUV certified EN 60950 Compliant

### MATERIAL PROPERTIES

<b>Midas® Castable Material :</b>	Proprietary model material formulated for clean burnout, producing 100% direct casting results
<b>Melt® Dissolvable Support :</b>	Proprietary support material engineered to dissolve completely for superior surface finish
<b>Material Capacity :</b>	Larger tanks require less filling and allow for longer prints run
<b>Material Monitoring :</b>	Display indicates build and support material levels accurately in 10% increments

### SOFTWARE AND SYSTEM REQUIRMENTS

<b>One - Click Software :</b>	Automatically formats CAD files for 3D printing
<b>CAD File Input :</b>	.stl and .slc files
<b>System :</b>	Windows, PC-to-printer connectivity via high-speed USB 2.0 or Ethernet

**Solidscape®**  
by Prodway

For more information please contact Solidscape  
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