INTRODUCING THE LATEST IN SOLIDSCAPE TECHNOLOGY

Printing 5 times **smaller than** the width of your hair

solidscape

S360
High Precision 3D Printer

XDP

WHAT'S DIFFERENT:

- Xtra-Dimensional-Printing (XDP): Print up to 30% faster in 25-38 micron resolution
- Increased productivity, Reduced printing cost without compromising on quality
- XY resolution at 5,000 DPI and Z resolution at 8,000 DPI
- Wax based casting allows to operate at shorter production time at lower temperatures
- Drag and Drop printing, no need to waste time on support generation

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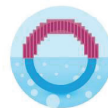100% castability in gold, silver, platinum and all castable materials

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

COMPLEX GEOMETRIES
Gravity-defying overhangs, undercuts, organic shapes and interlocking parts

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

SUPERIOR SURFACE FINISH
Pristine, smooth wax models require virtually no finishing

INTUITIVE 3D PRINTER SOFTWARE
Troubleshoot and fix models before printing with drag-and-drop ease

The NEW Solidscape S360

PRINTING PROPERTIES

Layer Thickness:	User Selectable - 0.00635 mm to 0.0381 mm (6 - 38 microns)
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:	Up to 32 micro-inches (RMS), geometry dependent
Start Process:	Fully automated, one-touch operation
Status Monitoring:	Fully automated fault detection, restarts build from point of interruption
Calibration Capacity:	Efficient calibration and optional user selectable frequency

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 101.6 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 for 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:	Intuitive software for support calculation and object printing
CAD File Input:	.stl and .slc files
System:	Windows, PC-to-printer connectivity via high-speed USB 2.0 or Ethernet