The high-precision 3D printer for custom retail jewelers

...now with SCP® technology

The R66®Plus is the entry point to Solidscape’s BENCHMARK™ series of 3D printers. Targeted at the progressive custom retail jeweler, the R66PLUS is capable of producing high-quality, fully castable wax masters for your most intricate fine jewelry designs. And with new SCP® technology, the R66PLUS is truly the jeweler’s benchmark for quality.

The R66PLUS uses the familiar Windows® interface, allowing it to be used with all of the popular 3D jewelry design software. You make the choice.

If ease of use, high casting yields, low cost-per-master produced and high levels of customer satisfaction are all important factors to your retail jewelry business, then the Solidscape BENCHMARK line is the best price/performance solution for your business.
Solidscape R66plus system specifications

### Efficient
- User-adjustable speed and build parameters for job-by-job efficiency
- Unattended operation (72 hours)
- Automatic status monitoring and fault detection
- Automatic re-start of build from point of interruption
- Easy-to-dissolve wax support: no post-build benchwork of model surfaces
- Fast meltout in autoclave, no ash, residue or thermal expansion
- Industry acclaimed casting results from Solidscape® brand build materials

### Precise
- Adjustable Z-axis build layer: from 0.0005 inches (12.7µ) to 0.0030 inches (76.2µ)
- Achievable accuracy: ± 0.001 inches (25.4µ) per inch across the X, Y and Z dimensions
- Surface finish: 32-63 micro-inches (RMS)
- Minimum Feature Size: 0.010 inches (254µ)
- Calibrated Configurations for 0.0005, 0.0010, 0.0015, 0.0020, 0.0025 and 0.0030 in (12.7µ, 25.4µ, 38.1µ, 50.8µ, 63.5µ, 76.2µ) build layer
- 5,000 dpi XY resolution

### Compatible
- No special facility modifications necessary
- Able to accept input from all popular 3D jewelry CAD software
- Build and support material are of non-toxic composition

### ModelWorks® Software
- Familiar Windows interface
- CAD file input: .STL and .SLC
- Variable slice thicknesses supported in the same model or pattern
- Established calibrated configuration build files for rapid setup and “first pass” model success
- Automatic generation of model support structure
- Operates with standard PC running Microsoft Windows XP Professional or Windows Vista Business