



3Dent[™] with 3SP[™] Technology

EnvisionTEC's 3Dent[™] 3SP[™] dental model printer uses 3SP[™] (Scan, Spin, and Selectively Photocure) technology to quickly 3D print highly accurate dental models. The 3Dent[™] 3SP[™] features a build speed of up to 10 mm/hour for the full build envelope, making it at least two times faster than any competitive product on the market today. A simple user interface with a built-in touch screen makes the 3Dent[™] 3SP[™] the perfect addition to any dental lab ready to transition into digital solutions. The low maintenance technology includes an imaging light source with a 2 year warranty. Currently the 3Dent[™] 3SP[™] is optimized for use with EnvisionTEC's E-Denstone material for building high quality dental models.

Machine Properties *	3Dent [™] with 3SP [™] Technology
Build Envelope	10.5 x 7" x 3" (266 x 177.8 x 76 mm)
Resolution in X and Y	0.002" (50 µm)
Dynamic Resolution in Z (Material dependent)	0.0010" x 0.0040" (25 - 100 µm), user adjustable
Data Handling	STL
Warranty	1 year included, 2 years on imaging light source

* Specifications are subject to change without notice.

Materials Available	Ideal for
E-Denstone	High accuracy dental models similar to traditional gypsum

System Properties

- » Simple user interface with built-in touch screen
- » Very few moving parts and minimal consumable components guarantee a strong and reliable system
- » Lowest operating cost in its class
- » Low part cost due to minimal material waste
- » Office friendly plug and play operation with a built in touch screen
- » Remote notification when job is complete

Footprint (L x W x H): 29" x 30" x 46"
(74 x 76 x 117 cm)

Weight: 198 lbs (90 kg)

Electrical Requirements:
100-127 VAC, 50/60 Hz, single phase, 8A
200-240 VAC, 50 Hz, single phase, 4A

Patents Pending



Altair Consulting

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