



X1
LUMIA
DENTAL



Hybrid PhotoSynthesis™ (HPS) and TruLayer™

Eliminate all tradeoffs between throughput, accuracy, feature resolution and surface finish.

The Lumia X1 Hi-Speed SLA system is the answer to the challenges of dental 3D printing. It combines unrivaled precision with impressive production capacity without compromising on accuracy, detail resolution and surface quality.

The Hybrid PhotoSynthesis (HPS) process offers exceptional precision and accuracy in the production of dental models, splints, surgical guides, and prosthetics at very high throughputs.

X1 LUMIA DENTAL 3D PRINTER TECH-SPECS

Model: Hi-SPEED SLA Lumia X1.Dental
Design: Industrial Grade / Production Ready
Separation Technology: TruLayer Adaptive Separation
Max Print Volume: 9.8 x 5.5 x 19.6in - 249 x 140 x 499mm
XY Resolution: up to 50um
Z Axis Resolution: Double Z-Axis up to 5um step
Layer Thickness: from 25 to 200um and more, material dependent
Light Source: HPS Simultaneous Laser and 4K DLP Imaging
Spot Size: 60um +/- 15%
Software: AxtraVolume Software (included) & Open System Available
Slicer: Proprietary HPS Slicer (included)
File Format: STL, 3DMF, AMF, CLI, OBJ, Polygon, ExoCAD, Slice & SLA
Materials: 405nm Resins
Regulatory Conformity: CE / FDA / RoHS Compliant - NRTL ready



AXTRA DENTAL ECOSYSTEM
 Fully optimized, turnkey application solutions from key Dental Material Partners.

Axtra Solutions™ - DENTAL

The Advantages at a Glance



Additional Product Information
 888-315-5103, or sales@axtra3d.com

