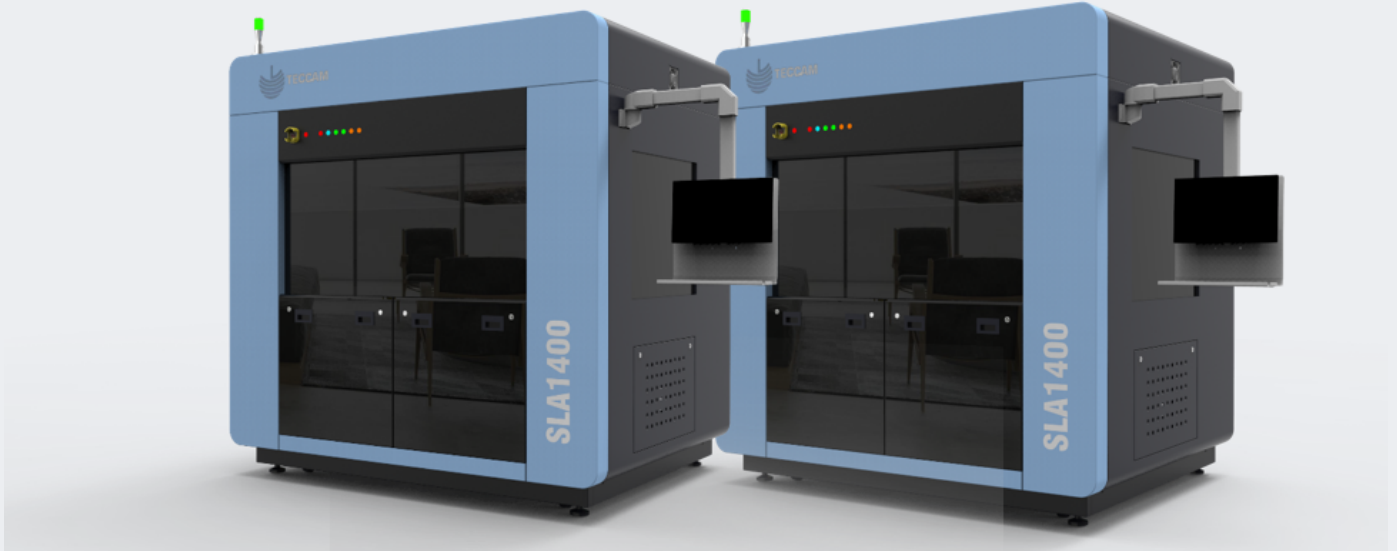


New Game Changer in 3D Printing



TECCAM 1400 breaks new barriers in 3D-Print

- *Cost-effective ownership throughout the entire life cycle.
- *Freedom to collaborate and innovate: open design for materials and machine access.
- *Printed parts demonstrate excellent sidewall quality and fine detail, contributing to lower post-finishing requirements.

System Features

- Scanning speed can reach 16 m/s.
- Key components from international top brands: "AOC Optowave" laser; "Scanlab" digital scanner
- "VSZ" Variable Spot Size Automatic control
- Granite/Marble recoater frame , Z frame and Laser frame for enhanced very high stability.
- CE certification by TÜV.
- Slim Design



TECCAM 1400

Build Envelope Capacity	1450 x 800 x 600 mm
Maximum Part Weight	180 kg Max
Accuracy	Part size L < 100 mm: ±0.2 mm Part size L > 100 mm: ±0.2% x L
*Accuracy may vary depending on parameters, part geometry and size, pre-processing or post-processing methods, materials and environment.	
Beam Size	Nominal 0.12 - 0.9 mm
VSZ Variable Spot Size	
Scanning Speed	15m/s (Maximum); 10m/s (Typical)
Layer Thickness	0.1- 0.25 mm
Weight	3250 kg (With 940 kg initial fill inside)
Machine Size WxDxH	2200 × 1660 x 2300 mm

TECCAM 1400

Laser	Solid-state frequency tripled Nd: YVO ₄
Wavelength	355 nm
Controller	TECCAM
Part Preparation	All open systems
Operating Systems	Windows 10
Input Data File Format	STL
Network Type and Protocol	Ethernet, IEEE 802.3 using TCP/IP and NFS
Electrical Requirements	240 VAC, 50/60 Hz, single phase, 13A
Laser Warranty	12 months
Recoater Frame	Granite/Marble
Systems Control	Closed-loop
Power (nominal)	Typically 250 ~ 350 mW on the target surface of the material under nominal optical path condition

Operating Environment :

Temperature Range	(22–29 °C)
Maximum Change Rate	1 °C/hour
Relative Humidity	< 60 % non-condensing (Resin normal < 45%)

Accessories :

Additional build platform	Optional
Processing and Finishing	Post-Curing Unit (optional)
System Warranty	12 months warranty

