

Laser Sintering Production System S260

Industrial-Grade 3D Printing Technology



Introduction >>

This machine is a professional-grade additive manufacturing system focusing on the education market. It has the characteristics of fine light spot and flexible building space. The building size is 260×260×450mm, which is suitable for various professional teaching printing tasks.

Applications >>



Medical
Treatment



Education



Scientific
Research

SLS 3D Printer Specification

S260

Build Chamber Size X×Y×Z (mm)	260 × 260 × 450
Effective Space Size X×Y×Z (mm)	250 × 250 × 440
Dimension of Main Machine W×D×H (m)	1.32 × 1.28 × 2.08
Dimension of Control Unit W×D×H (m)	0.60 × 1.06 × 1.92
Weight of Main Machine (kg)	1,150
CO ₂ Laser Power (w)	30
Focusing	3-axis, dynamic focusing
Building Speed (mm/h)	10~25
Layer Thickness (mm)	● 0.06 ~ 0.2 Adjustable , ● Recommended Values 0.12
Diameter of Laser Beam (mm)	0.3
Maximum Scanning Speed (mm/s)	8,000
Maximum Operating Temperature (°C)	230/160
Powder Pyrometer Long Term Stability (°C/Year)	0.1
Powder Feeding Type	● Powder discharged upside, ● Powder fed both sides

Data Format	STL
OS	Windows 10.0
Data Processing Software	Voxeldance Additive - TPM3D Version
Options for Color of SLS Parts	White, black or other colors

Auto Lock for Platform	Yes
Lifting Trolley	Manual
Active Cooling	Yes
Thermal Management for Control Cabinet	Chiller
Powder Recoater	Single blade
Electrical Protection	PL-e Dual-channel security control
Nitrogen generator	Integration
Power	380V, 3P/N/PE, 32A, 50/60Hz, Avg 2kW

Open Breakout Station

Open design, convenient for many people at the same time to clean the mass production of multiple small parts; Fast switch between different materials, unpacking workstation can also effectively filter and recover the powder, ready for the next production.

Size X × Y × Z (mm)	1384 × 880 × 1190
Weight (Kg)	250
Intake Pressure (MPa)	0.5
Power	No Requirements



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TPM 3D Printing Technology CO.,LTD.

Headquarters:

Rm.112,1/F, Bldg#6, 3000 Yixian Rd.,
Baoshan District,Shanghai, China 200441

North China: Rm. 620, Bldg. A, Zhaolin Plaza,1
9 Ronghua Rd., M., Beijing 10076

East China:

Unit 308, 3/F, Bldg.# A-9, Big Data Industrial Park,
Yannan Hi-Tech Zone, Yancheng,
Jiangsu, China 224000

South China: 1F, No.36, Jiuzhouji Fuli Road,
Xiaolan Town, Zhongshan City,
Guangdong Province 528415