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Dimension 1200es

Durability Meets Affordability

You don't need to kick your ideas out of the nest to make them fly. In-source your prototyping and functional testing. The Dimension 1200es is your gateway into the best-selling family of professional 3D printers. Make your models where you hatch your ideas. The money you save will make you feel even smarter.



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Bring Performance Prototyping In-House

The Dimension 1200es features the largest build envelope of any Stratasys Design Series performance 3D printer. Running on Fused Deposition Modeling (FDM) Technology, it prints in nine colors of real ABSplus thermoplastic. This 3D printer lets you choose fine resolution or faster printing, with layer thicknesses of 0.254 mm (0.010 in.) or 0.33 mm (0.013 in.)



Dimension 1200es 3D Print Pack

The 3D Print Pack is everything you need to start building 3D models. It includes:

- The SST 1200es 3D Printer
- The SCA-1200 support removal system
- A startup supply of materials

Materials and Bases

Dimension 3D printers use ABSplus thermoplastic to build your models. Model and soluble support materials come in convenient enclosed cartridges that are a snap to load. Inside the 3D printer, plastic filament travels through a tube to the print head, where it's heated to a semi-liquid state and extruded in thin, accurate layers.

Modeling bases provide a stable platform where your prototype builds. Once printing is done, you simply take the recyclable, flexible plastic base out of your 3D printer and snap off the model.

Specifications

Model material: ABS*plus* in nine colors

Support material: Soluble (SST 1200es); breakaway (BST 1200es)

Build size: 254 x 254 x 305 mm (10 x 10 x 12 in.)

Layer thickness: 0.33 mm (0.013 in.) or .254 mm (.010 in.)

Workstation compatibility: Windows XP/Windows 7

Network connectivity: Ethernet TCP/IP 10/100 base T

Size and weight: 838 x 737 x 1143 mm (33 x 29 x 45 in.); 148 kg (326 lbs.)

Power Requirements:

- Dimension 1200es 3D printer: 100–120 VAC 60 Hz, minimum 15A dedicated circuit or 220–240 VAC 50/60 Hz, minimum 7A dedicated circuit
- SCA-1200 support-removal system: 100-120 VAC, 15A, 60 Hz or 220-240 VAC, 10A, 50 Hz

Regulatory Compliance:



- Dimension 1200es 3D printer: CE/ETL
- SCA-1200 support-removal system: CE

Special Facility Requirements: None

Compatible Materials:

- [ABSplus](#)

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