What they'll be talking about around the water cooler.

Affordable, efficient Dimension 3D Printers

Dimension 3D Printers: Essential design tools with distinct advantages.

Nothing communicates design ideas faster than a three-dimensional part or model. With a Dimension 3D Printer, you can bring CAD files and design ideas to life – right from your desktop. Test form, fit and function – and as many design iterations as you like – with functional ABS parts. For added hands-free convenience, consider the Dimension SST with a water soluble support removal system. Starting at $24,900,* Dimension 3D printers represent a major price breakthrough – with leading 3D printing technology.

Simply connect a Dimension 3D printer to your network. Load Catalyst software. Insert the self-loading material cartridges and follow the display panel prompts. That's it. 3D printing with Dimension or Dimension SST is as easy as clicking print. See why a Dimension 3D Printer is the fastest selling office-friendly machine of its kind – and start shortening your design and development cycle.

Automatic Operation:

Catalyst software automatically imports STL files, orients the part, slices the file, generates support structures (if necessary), and creates a precise deposition path to build your ABS model. Multiple models can be packed within the build envelope to maximize efficiency. Catalyst provides queue management capabilities, build time, material status and system status information. Dimension 3D Printers run unattended and provide system and build status information via e-mail, pager, or the Internet.

Network Connectivity:

TCP/IP 100/10 base T

Workstation Compatibility:

Windows NT/Windows 2000/Windows XP

Build Size:

Maximum size 203 x 203 x 305 mm (8 x 8 x 12 inches)

Materials:

ABS plastic in standard white, blue, yellow, black, red or green colors. Custom colors available.

Support Structures and Removal:

Catalyst software automatically creates any needed support structures to complete the part. Two support removal processes are available. With Dimension, a Break Away Support System allows for easy support removal – simply break away the supports. Dimension SST offers a soluble support removal process for hands-free model completion.

Material Cartridges:

One autoload cartridge with 922 cu. cm. (56.3 cu. in.) ABS material. One autoload cartridge with 922 cu. cm. (56.3 cu. in.) support material.

Layer Thickness:

.245 mm (.010 in.) or .33 mm (.013 in.) of precisely deposited ABS and support material.

Size and Power Requirements:

Size: 686 x 914 x 1041 mm (27 x 36 x 41 in.)
Weight: 136 kg (300 lbs.)
Power Requirements: 110-120 VAC, 60 Hz, minimum 15A dedicated circuit or 220-240 VAC, 50/60 Hz, minimum 7A dedicated circuit.
Regulatory Compliance: CE
Special facility requirements: None

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