FORTUS 200mc™

FORTUS
3D PRODUCTION SYSTEMS

REAL SIMPLE

No Fortus 3D Production System is easier to use. Imagine it, design it, manufacture it. It's just that simple.

With the Fortus 200mc™ you can turn the dream of producing Real Parts™ in-house into reality. From conceptual modeling through prototyping, you'll reduce design and development time and cost. Fortus 200mc creates real parts in durable ABS*plus* plastic, tough enough for conceptual prototypes, moderate functional testing and end use parts.

Fortus 200mc is designed to be simple to use with the key features you need for practical prototyping. Just plug it in, load material and manufacture parts. The simplicity of dissolving support structures saves processing time, meaning you can manufacture more parts in less time. Coupled with Insight™ software, FDM technology give you the control to automatically process your part with a single button or customize your part to optimize aesthetics, feature strength, resolution, material consumption and/or throughput. Fortus 200mc lets you manufacture Real Parts - real simple.

FORTUS 200mc

SYSTEM SPECIFICATIONS

SYSTEM CONFIGURATION		
Build Envelope (XYZ)	8 x 8 x 12 inches (203 x 203 x 305 mm)	
Material Delivery	One (1) Build material canister 56.3 in^3 (922 cc) One (1) Support material canister 56.3 in^3 (922 cc)	
MATERIAL		
Layer Thickness:	ABS*plus*	
0.010 inch (0.254 mm)	X	
0.007 inch (0.178 mm)	X	
Support Structure:	Soluble	
Available Colors:	Ivory, White, Olive Green Black, Dark Grey, Nectarine Red, Blue, Fluorescent Yellow	
OTHER SPECIFICATIONS		
System Size/Weight	27 x 34 x 41 inches (686 x 864 x 1041 mm)	With crate: 370 lbs. (168 kg) Without crate: 282 lbs. (128 kg)
Achievable Accuracy	Parts are produced within an accuracy of +/- .010 inch or +/-.0020 inch per inch whichever is greater (+/- .254 mm or +/- .0020 mm per mm whichever is greater).* **Note: Accuracy is geometry dependent. Achievable accuracy specification derived from statistical data at 95% dimensional yield.*	
Network Communication	10/100 base T connection. Ethernet protocol.	
Operator Attendance	Limited attendance for job start and stop required.	
Operating Environment	Recommended temperature range of 65°F - 75°F (18°C - 24°C) Relative humidity range of 30% to 70%	
Power Requirements	110-120 VAC, 60Hz, 15A dedicated circuit or 220-240 VAC, 50/60 Hz, 7A dedicated circuit	
Regulatory Compliance	CE	
Software	All Fortus systems include Insight™ and Control Center™ job processing and management software. FDM TEAM™ software for multi-system and/or multi-user operations is sold separately. Visit www.fortus.com/software for more information.	

At the core: Advanced FDM® technology

Fortus systems are based on patented Stratasys FDM — Fused Deposition Modeling — technology. FDM is the industry's leading additive fabrication technology, and the only one that uses production grade thermoplastics, enabling the most durable parts.

Fortus systems use a wide range of thermoplastics with advanced mechanical properties so your parts can endure high heat, caustic chemicals, sterilization, and high impact applications.

No special facilities needed

You can install a Fortus 3D Production System just about anywhere. No special venting is required because Fortus systems don't produce noxious fumes, chemicals, or waste.

No special skills needed

Fortus 3D Production Systems are easy to operate and maintain compared to other additive fabrication systems because there are no messy powders or resins to handle and contain. They're so simple, an operator can be trained to operate a Fortus system in less than 30 minutes.

Get your benchmark on the future of manufacturing

Fine details. Smooth surface finishes. Accuracy. Strength. The best way to see the advantages of a Fortus 3D Production System is to have your own part built on a Fortus system. Get your free part at: **www.fortus.com/benchmark.**

For more information about Fortus systems, materials and applications, call **888.480.3548** or visit **www.fortus.com**

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