



Fortus

250MC

Employ the most advanced Design Series capabilities.

With the Fortus 250mc you can produce durable prototypes using ABSplus™, a production-grade thermoplastic. Built on a proven Stratasys® platform for reliable operation, the Fortus 250mc features a 10 x 10 x 12 inch (254 x 254 x 305 mm) build envelope and three layer thicknesses: .007, .010 and .013 inches (.178, .254 and .330 mm).

The Fortus 250mc is powered by Insight™ job processing and management software. Even novice users can process jobs with the easy-to-use default settings. Advanced users, meanwhile, have the flexibility to edit standard parameters that control the look, strength and precision of parts, as well as the time, throughput and efficiency of the build process. Like all Fortus 3D Printers, the Fortus 250mc runs on FDM® technology to build prototypes from the bottom up with precisely deposited layers of modeling and support material.

The Fortus 250mc delivers reliable, flexible prototyping in a responsive, accommodating package.





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At the core:

Advanced FDM technology

Fortus systems are based on Stratasys FDM technology. FDM easily builds parts in real production-grade thermoplastics, resulting in the most durable parts.

Fortus systems offer powerful Insight software so advanced users can gain precise control over build parameters.

No special facilities needed

You can install a Fortus 3D Printer just about anywhere. No special venting is required because Fortus systems produce no noxious fumes, chemicals or waste.

No special skills needed

Fortus 3D Printer are easy to operate and maintain because there are no messy powders to handle and contain. They're so simple, an operator can be trained to run 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 Printer is to have your own model built on a Fortus system. Get one made for you, for free, at: stratasys.com



SYSTEM SPECIFICATIONS

SYSTEM CONFIGURATION

Build Envelope (XYZ)	10 x 10 x 12 inches (254 x 254 x 305 mm)
Material Delivery	One build material cartridge: 56.3 in3 (923 cc) One support material cartridge: 56.3 in3 (923 cc)

MATERIAL OPTIONS

Layer Thickness:	ABSplus												
0.013 inch (0.330 mm)	X												
0.010 inch (0.254 mm)	X												
0.007 inch (0.178 mm)	X												
Support Structure:	Soluble												
Available Colors:	<table border="0"> <tr> <td><input type="checkbox"/> Ivory</td> <td><input type="checkbox"/> Red</td> <td><input type="checkbox"/> Fluorescent Yellow</td> </tr> <tr> <td><input type="checkbox"/> White</td> <td><input type="checkbox"/> Blue</td> <td><input type="checkbox"/> Custom Colors</td> </tr> <tr> <td><input type="checkbox"/> Black</td> <td><input type="checkbox"/> Olive Green</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Dark Grey</td> <td><input type="checkbox"/> Nectarine</td> <td></td> </tr> </table>	<input type="checkbox"/> Ivory	<input type="checkbox"/> Red	<input type="checkbox"/> Fluorescent Yellow	<input type="checkbox"/> White	<input type="checkbox"/> Blue	<input type="checkbox"/> Custom Colors	<input type="checkbox"/> Black	<input type="checkbox"/> Olive Green		<input type="checkbox"/> Dark Grey	<input type="checkbox"/> Nectarine	
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OTHER SPECIFICATIONS

System Size/Weight	33 x 29 x 45 inches (838 x 737 x 1143 mm)	With crate: 409 lbs. (186 kg) Without crate: 326 lbs. (148 kg)
Achievable Accuracy	Parts are produced within an accuracy of $\pm .0095$ inch ($\pm .241$ mm)* <i>*Note: Accuracy is geometry-dependent. Achievable accuracy specification derived from statistical data at 95% dimensional yield.</i>	
Network Communication	10/100 base T connection. Ethernet protocol.	
Operator Attendance	Limited attendance for job start and stop required.	
Operating Environment	Maximum room temperature of 86°F (30°C). Relative humidity range: 30 to 70 percent, non condensing	
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 / ETL / RoHS / WEEE	
Software	All Fortus systems include Insight and Control Center™ job processing and management software.	



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