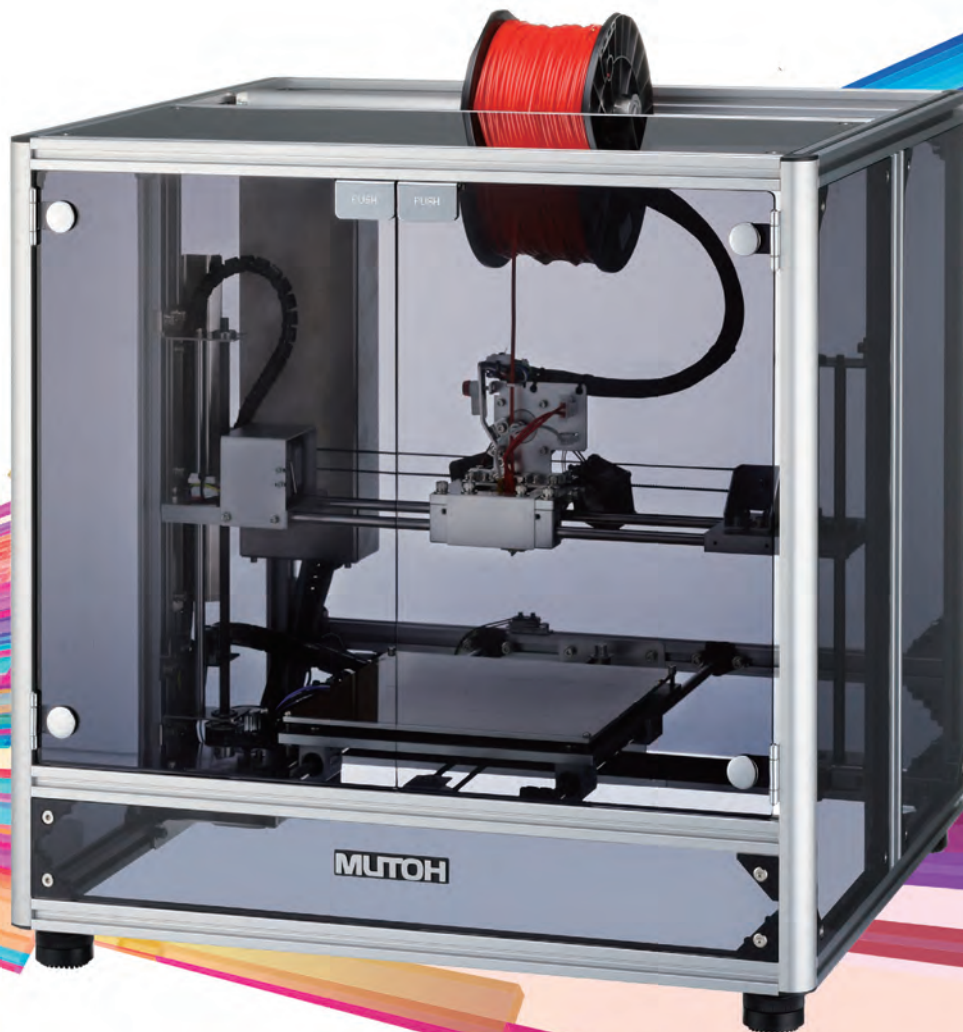# MUTOH

Value 3D MagiX

Personal 3D printer **MF-1100**

More speedily and beautifully with new type of extruder. Advanced personal 3D printer.

Own made extruder	Minimum layer pitch 0.05mm	High rigidity body	ABS&PLA various colors of filament resin	Filament diameter 1.75mm&3mm	Open reel type
LED light regulation equipment	Equipped with heater table	Equipped with dual cooling fan	Two z-axis table legs	Easy and reliable software	Reliable customer support

※It is not guaranteed that every object can be built by 50mm

Varies from art to industrial.
3D printer makes your picture into 3D object easily.

You can cast your ideas into shape by 3D printer. Japan made printer, bilingual software and reliable customer support.
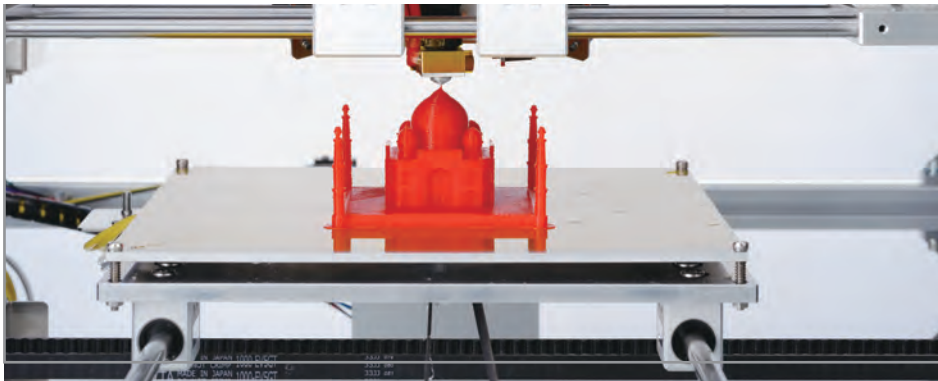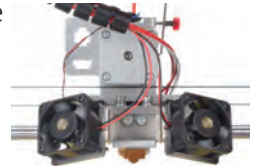
High rigidity makes high precise object

High rigidity body and two z-axis table enable MF-1100 to extrude precise object.
Resolution of MF-1100 is as high as industrial printer.

Minimum layer is 50 mm. It makes high resolution object

The largest object size is 20cm× 20cm×17cm. 50mm layer pitch makes object easily and precisely. Moreover, Fused Deposition Model is cost-effetive.

Equipped with double cooling fans to cool object

Cooling object down to the right temperature is important to make high precise object. Dual cooling fans cool, solidifying an object quickly.
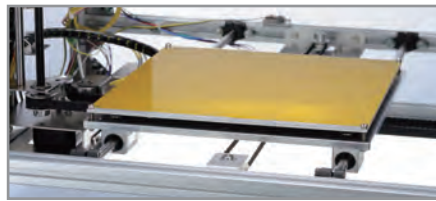
In-house developed heater head enables to mold high precise object

The quality of heater head influences the quality of an object. Stable-discharged-resin prevents from burr and barb, making high precise object.

Heater table controls thermal modification

Heater table keeps the temperature constant. It restrains from heat shrink and distortion of an object caused by rapid temperature changes. Heater table helps to make a high precise object.

LED light which illuminates an object is included as standard

Acrylic cover which prevents an influence of wind

By using acrylic material for a cover, it prevents from uneven molding influenced by winds. It is possible to make high precise object.

Filament supply is open reel type that has less problems

We provide reasonable and high quality genuine-filament (ABS resin/PLA resin). There are various colors of filament so that a wide array of colors objects can be made. A diameter of filament are 1.75mm and 3mm. A new color filament will be released as needed. Filament supplying is simple and vertically-placed open reel type that has less trouble.

Equipped with bilingual software. A consultation service always support users

Easy-to-use software, Pronterface and Slic3r in both of Japanese and English, are offered as standard equipment.
Customer support including website and call center is well prepared.

※Customer support is not offered to English software users.

Product Information

Model	MF-1100	Software	Control software	
Molding method	Fused Deposition Modeling		Slicer software	
The lagest object size	200×200×170mm	Input data	STL	
Z-axis resolution	minimum layer pitch 0.05mm / maximum layer pitch 0.5mm	Weight	17kg	
		Overall size(L×W×H)	500×550×530mm	
Material	ABS/PLA(3.0mm is standard) ※1.75mm can be used by exchanging a heater head.	Input voltage	AC100V 50/60Hz	
		Power consumption	200W	
OS	Windows7,Windows8,Windows8.1	Attachment	PLA(white1kg),USB cable,spanner	

Consumables

Filament	white,red,black,blue, fluorescent green,fluorescent orange, transparent,yellow,gray and purple
Polyimide tape	
Heater head	

⚠ **Precautions** Please be sure to read the instruction manual before use.

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