

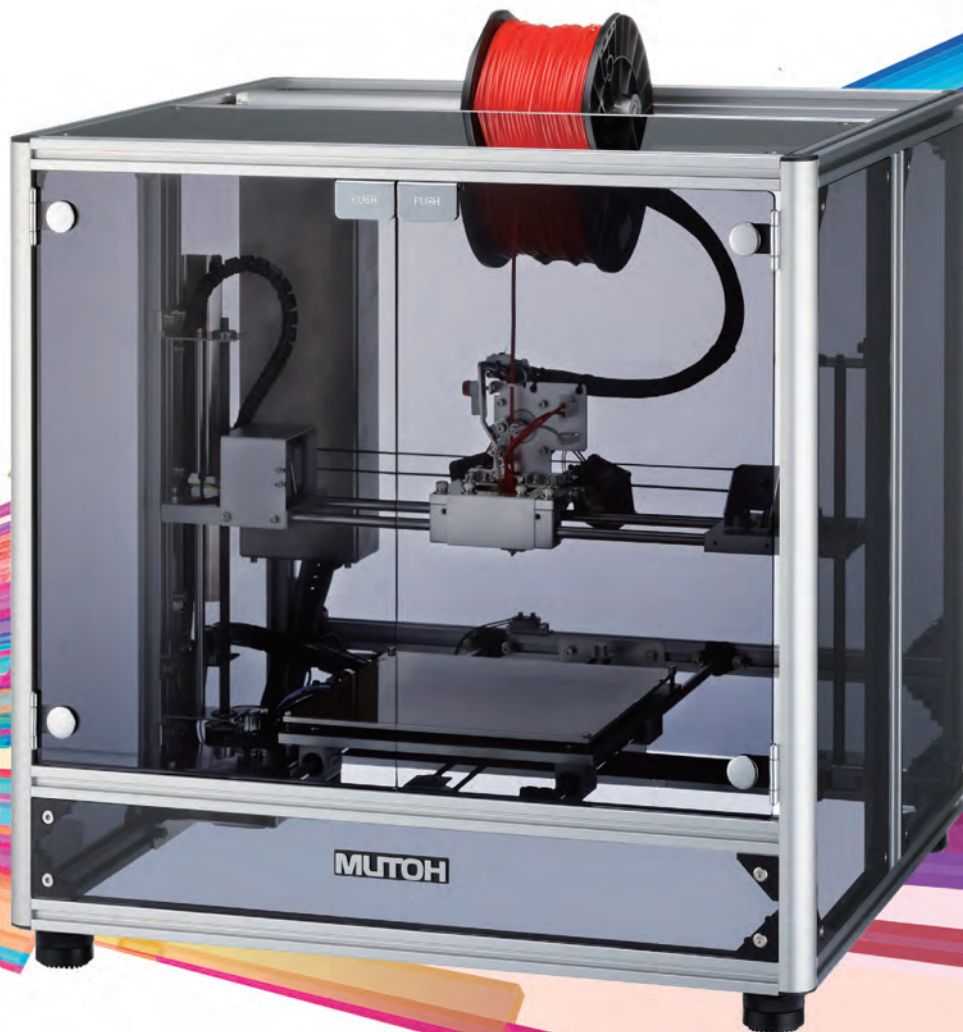
# MUTOH

**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

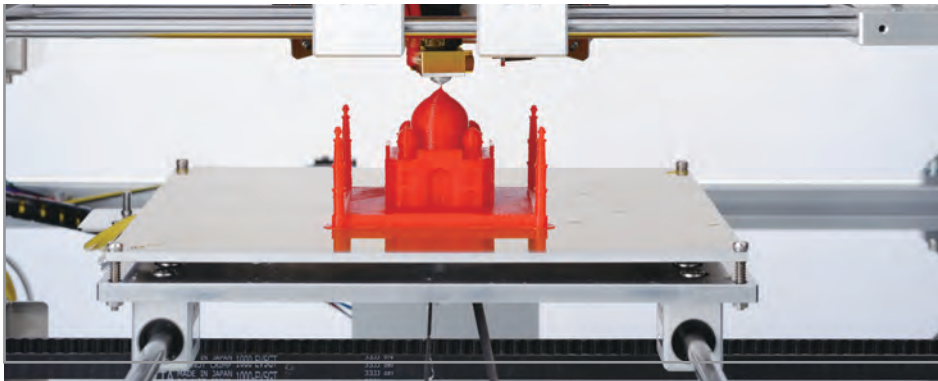
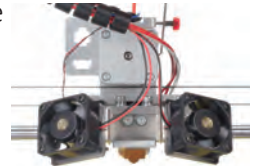
High rigidity body and two z-axis table enable MF-1100 to extrude precise object. Resolution of MF-1100 is as high as industrial printer.

## Minimum layer is 50 μm. It makes high resolution object

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

## 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.



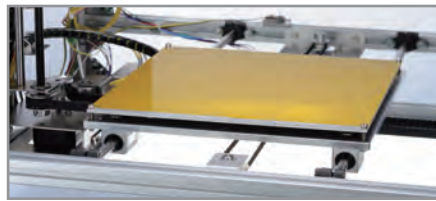
## In-house developed heater head enables to mold high precise object

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
Molding method	Fused Deposition Modeling
The largest object size	200×200×170mm
Z-axis resolution	minimum layer pitch 0.05mm maximum layer pitch 0.5mm
Material	ABS/PLA(3.0mm is standard) ※1.75mm can be used by exchanging a heater head.
OS	Windows7,Windows8,Windows8.1

Software	Control software Slicer software
Input data	STL
Weight	17kg
Overall size(L×W×H)	500×550×530mm
Input voltage	AC100V 50/60Hz
Power consumption	200W
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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