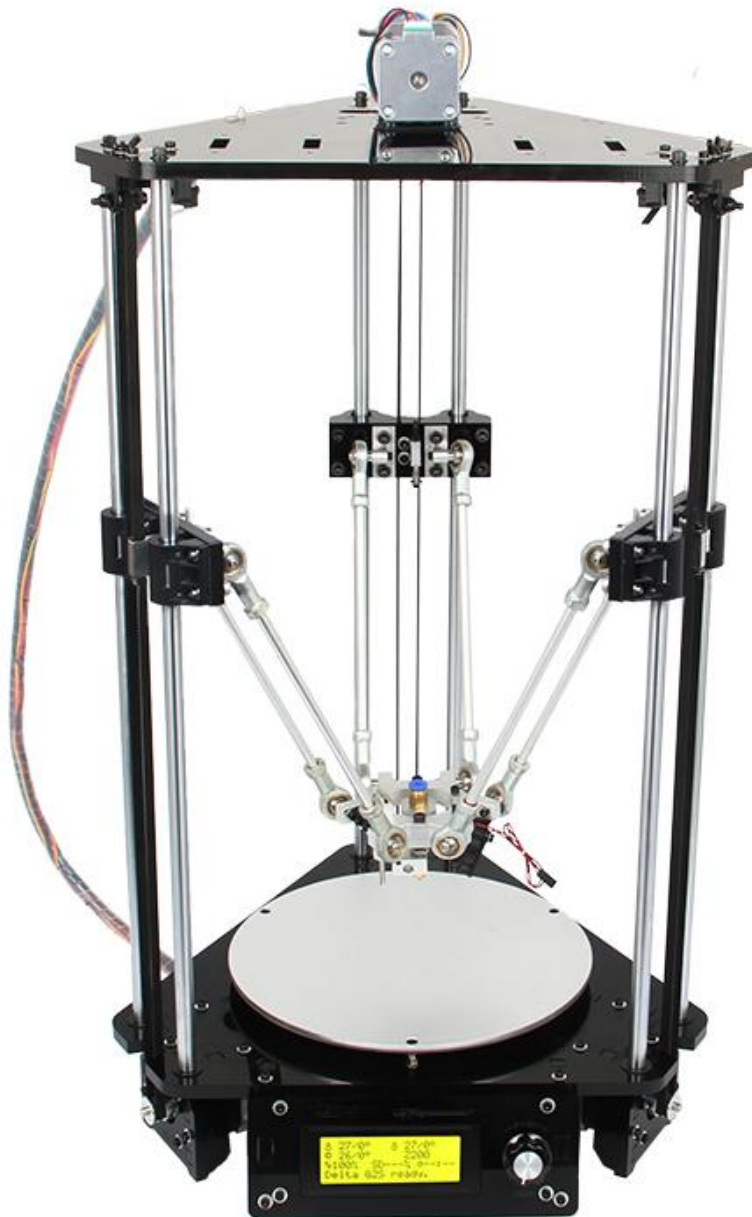# FDM 3D printer Sunruy SR-D-013A

SR-D-013A

SR-D-013A has two major merits, it looks cooler and it works better.

The printing effector of the SR-D-013A is upgraded with metal parts, which are more durable and stable than the prints. The whole machine is craft out of high-quality aluminum and laser cut acrylic plate, making it more stable and smooth when printing, improving the printing accuracy and speed to a higher level.

An metal auto-leveling device is also improved on SR-D-013A; which means you do not have to adjust it every time before you start printing, and with this new metal leveling device, the calibration will be more accurate.

In terms of printing filament, SR-D-013A not only just supports PLA and ABS, Nylon and wood filament is also available, which enables more possibilities to create 3D printing project.

This SR-D-013A is powered by our newly designed control system—GT2560 that supports 2 extruders and eliminates the complicated wiring of Mega2560+Ramps 1.4 and it is more space-saving.

This SR-D-013A is also improved with LCD control panel; you can monitor the printing process in real time and with a SD card it can realize stand-alone printing, very convenient.

Main features:

1. All metal effectors for more stable and smooth printing.
2. With Auto-leveling and auto-calibration.
3. More fluent printing process and higher accuracy.
5. Support PLA, ABS, Nylon and Wood filament.
6. Further simplified structure and enhanced stability.
7. New updated control system.

Specifications:

Print Volume: cylindrical, D: 190mm , H:200mm .

Chassis: laser -cut acrylic plate

The Layer Thickness: 0.1mm

Layer Resolution: 0.1mm

Filament Diameter: 1.75mm

Nozzle Diameter: 0.4mm

Print Speed: 60 to 120 mm/sec

Print Plate Size: 210 x 3mm

Print Plate (Build Platform): aluminum plate + heatbed

XYZ Bearings: carbon steel

Stepper Motors: 1.8° step angle with 1/16 micro-stepping

Max Heated Bed Temp: about 110 ℃

Max Extruder Temp: about 240 ℃

AC Input: 115V/1.5A   230V/0.75A

Output：DC12V/0-15A

No. of Extruders: 1

Connectivity (Interface): USB, SD Card

Electronics: GT2560

3D printing Software: Repetier Host

CAD Input data file format supported: STL, G code

Client Operating System: Windows, Linux, Mac

Machine Dimensions: 320 x 320 x 870mm

Machine weight:9.5kg

Shipping box dimensions:495*395*195mm

Shipping box weight:10.5kg