FEATURES

- High Speed

- Dedicated Slicing software

- Multi-Language

- Composite flexible platform lamination

- HD touch screen

- Easy auto bed levelling

RS PRO 3D Printer

RS Stock No.: 2027268

RS Professionally Approved Products bring to you the professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Family Name

Product Description

RS PRO HS 3D Printer is a highspeed desktop 3D printer. It is 3-5 times faster than normal desktop 3D printers in market, with printing speed up to 450mm/s. It could be vastly used for 3D printing manufacturing prototyping, creative design, education teaching & training, family DIY etc.

The printing speed is a long-term pain point of desktop 3D printers. RS PRO HS 3D Printer is supplemented with new technology, fundamentally solves the technical problems of 3D printers, and improves the printing speed on the basis of not reducing the printing accuracy at all. Compared with other machines, its printing speed is 3-5 times faster with the same accuracy. It is real technological innovation.

RS PRO HS 3D Printer is standard with dedicated HS PLA, which features lower melting point and better fluidity and compatible with ordinary PLA filaments in the market.

General Specifications

Technology	**Fused Filament Fabrication (FFF)**
Layer Resolution	0.1mm-0.4mm
X, Y, Z Resolution	Z-axis-0.0025mm, X/Y-axis-0.011mm
Supported Print Materials	HS PLA, PLA
Printing Speed	30mm/s~450mm/s
Nozzle Diameter	0.4 mm
Filament Diameter	1.75mm
Build Volume	150 (L) * 150 (W) * 140 (H) mm (6* 6 * 5.5″)
Platform Material	Aluminum Plate & Composite Flexible Lamination
Slicing Software Formats Supported	STL
Printing Formats Supported	Fcode
Extruder Temperature	190-260℃
Heating Plate Temperature	Room temperature to 80℃
Printer Dimensions	355mm*267mm*410mm

Family Name

Connectivity	USB, Data cable (expert users only)
Net Weight	7.7 KGS
Operating temperature	5℃ to 35℃
Storage temperature	-10℃ to 40℃

Mechanical Specifications

Electrical Specifications

Protection Category

Additional Information

EAN	8000126233360
Custom Tariff Number	85371098

Classification

eCl@ss *(Version)*	
UNSPSC *(Version)*	

Approvals

Declarations	MFR Declaration of Conformity
Hazardous Area Certification	ATEX / IECEx
Standards Met	VDE, CE, EMC, LVD

Similar Products

Family Name

Stock No.	Brand	Product Name	Attribute 1	Attribute 2	Attribute 3
XXX-XXXX	RS PRO	TBD			
XXX-XXXX	RS PRO	TBD			

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories

Stock No.	Brand	Product Name	Attribute 1	Attribute 2	Attribute 3