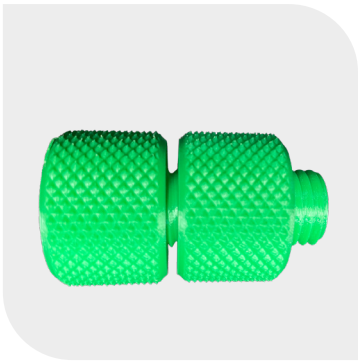
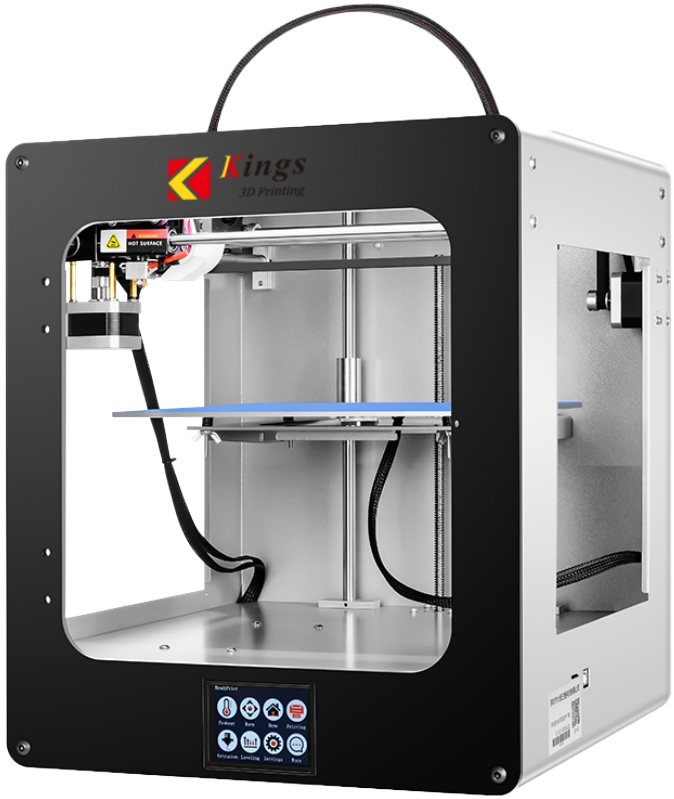
Kings 3D Printing

FDM 160

Kings Industrial FDM 3D Printers

23 Innovative Technologies, High Speed FDM 3D Printing
Efficient and Cost-Effective Prototyping
Bring Your Idea into Reality





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◆ Overview

Kings FDM 160 is a compact and portable 3D printer designed for both personal and professional use. With its modular nozzle design and user-friendly interface, it delivers a hassle-free printing experience. Ideal for small-scale projects, it offers reliable performance in a variety of environments.

◆ Features

- **Compact & Portable:**
  Small size and lightweight, perfect for easy transportation.
- **Modular Nozzle:**
  Easily removable and replaceable, ensuring efficient maintenance.
- **Power Recovery Function:**
  Automatically resumes printing after power loss, protecting your model.
- **Material Runout Detection:**
  Alerts when material runs out, reducing print failures.
- **Touchscreen Operation:**
  Easy-to-use full-color touch screen for quick setup and control.

◆ Applications

- Tooling and Inspection Fixtures, Mold Industry, Automotive Duct Applications, Vacuum Forming, Investment Casting, Industrial Prototypes, R&D Parts, Figurines, Non-standard Components, Model Making, and Small-Batch Production.

◆ Printing Materials

- Recommended materials PLA (environmentally friendly, safe, and non-toxic), and other standard 1.75mm diameter 3D printing materials.

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◆ Technical Data

Build Size	160×160×190mm
Machine Size	317×366×398mm
Printing Technology	Fused Deposition Modeling (FDM)
Layer Resolution	0.05-0.3mm
Printing Material	PLA/ABS/TPU/Wood Materials
Connectivity	USB, SD Card, USB Flash Driv
Display	3.5-inch Touchscreen
Interface Language	Chinese/English and Others
Number of Nozzle(s)	1
Nozzle(s) Temperature	0-260℃
Heated Bed Temperature	0-80℃
Printing Speed	30-150mm/s
Nozzle(s) Diameter	0.2/0.3/0.4/0.6mm
Slicing Software	Cura (Compatible With Third-Party Slicing Software)
File Format	STL, GCODE, OBJ
Operating System	Windows7, Linux, WindowsXP
Input Voltage	110V/220V
Operating Voltage	24V
Power-loss Recovery Support	Yes
Recommended Operating Temperature	15℃-32℃(60°-90F)
Enclosure Structure	Semi-enclosed Sheet Metal Enclosure
Power Requirements	AC100V-AC240V 50Hz/60Hz
Machine Surface Finish	High-temperature Baked Sheet Metal Finish
Packaging Specifications	Export-standard High-strength Packaging
Gross Weight	≥12kg

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