

Ender-3 S1 Pro

High-temp Printing for More Possibilities



Up to 300°C Printing
Support PLA, TPU and multi filaments



Smooth Feeding
With "Sprite" full-metal dual-gear direct extruder



Auto-leveling
Powered by CR Touch

/ Feature



Up to 300°C Nozzle Temperature
High filament compatibility.
More printing possibilities.



"Sprite" Full-metal Dual-gear Direct Extruder
Weigh 344g with 80N extrusion force.
High-precision printing also for flexible filaments.



CR Touch Automatic Leveling
Self-developed CR Touch assures the 16-point auto-leveling.
Reliable, efficient and time-saving.



Quick Assembly
96% Pre-installed, 6-step assembly.



Removable PEI Spring Steel Sheet
Durable with good adhesion.
Flexible to remove the print.



4.3" Touch Screen with Friendly UI
Brand new UI with 9 languages supported.
Easy to use, automatic dimming out for energy saving.



Creation Potential
Compatible with laser engraving,
liquid cooling heatsink, and Wi-Fi Box,
unlock creative printing.



LED Light
Even fill-in light.
Precise observation in the dark.



Human-centered Design
Integrated Structure.
Platform with a handle
for safe pulling out in high-temp condition.

/ Specification

Molding Technology	FDM	Build Surface	spring steel PEI magnetic build plate
Build Volume	220*220*270 mm	Extruder	"Sprite" full-metal dual-gear direct extruder with 1:3.5 gearing
Machine Dimension	490*455*625 mm	Extrusion Force	80N
Package Dimension	510*510*280 mm	Leveling Mode	Auto-leveling with CR-Touch
Net Weight	8.7 kg	Display	4.3" color touch screen
Gross Weight	11.1 kg	Mainboard	32-bit silent mainboard
Printing Speed	maximum 150 mm/s	Resume Printing	Yes
Printing Precision	±0.1 mm	Filament Sensor	Yes
Layer Height	0.05-0.4mm	Rated Voltage	100-120V, 220-240V, 50/60Hz
Filament Diameter	1.75 mm	Rated Power	350W/24V
Nozzle Quantity	1	Slicing Software	Creality Slicer/Cura/Repetier-Host/Simplify3D
Nozzle Diameter	0.4 mm	Data Transmission Method	Type-C USB/ SD card
Nozzle Temperature	up to 300°C	3D File Format	.stl/.obj / .gcode(after slicing)
Heat Bed Temperature	up to 110°C	Supported Filament	PLA、ABS、WOOD、TPU、PETG、PA
Supported Language	Chinese, English, German, Spanish, French, Italian, Portuguese, Russian, and Turkish		

