Creality Ender-3 S1 Pro 3D Printer

creality3d.shop/products/creality-ender-3-s1-pro-3d-printer

Ender-3 S1 Pro

Transcendence Maximizing Imagination

The Ender 3 S1 Pro is a new and improved version of the very successful Ender 3. Equipped with a newly developed direct dual-gear extruder, automatic bed leveling, 32-bit silent mainboard, among other things, the S1-Pro is a very affordable printer with everything you could wish for at this price point.

Feature:

- **Newly developed high-temp nozzle reaches up to 300°**
- **New nozzle, compatible with most regular materials on the market**
- **New “Sprite” Direct Dual-gear Extruder, all metal and with 80N of extrusion force**
- **Dual gear direct extruder – compatible with TPU (flexible filament)**
- **Integrated LED light**
- **4,3” LCD screen with simple-to-use UI**
- **Automatic CR-Touch, 16-point bed leveling system**
- **Flexible and removable spring steel build surface**
- **32-bit quiet mainboard for silent printing**
- **Resume print after power loss**
- **Filament run-out sensor**

Ender-3 S1 Pro

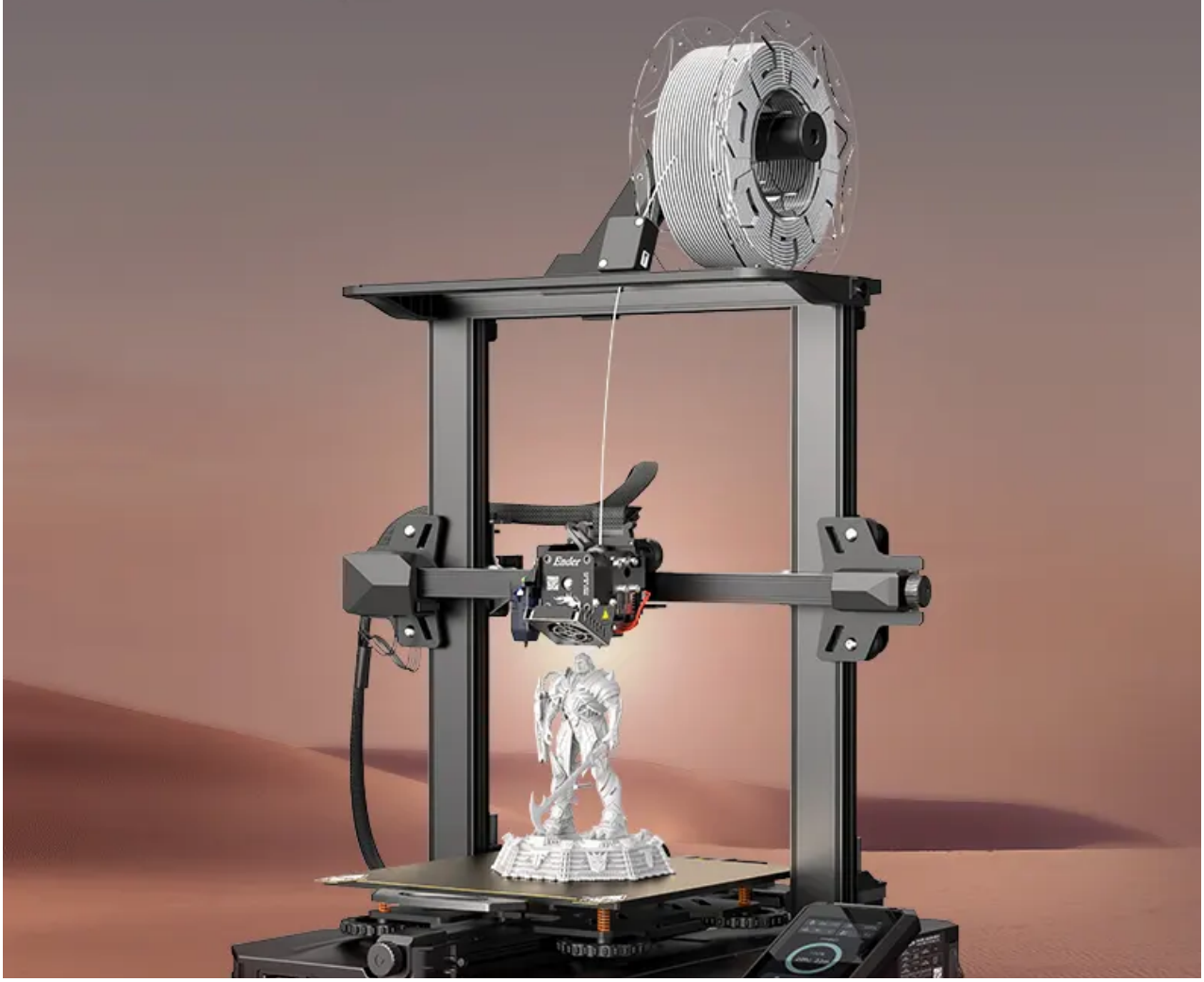
High-temp Printing for More Possibilities

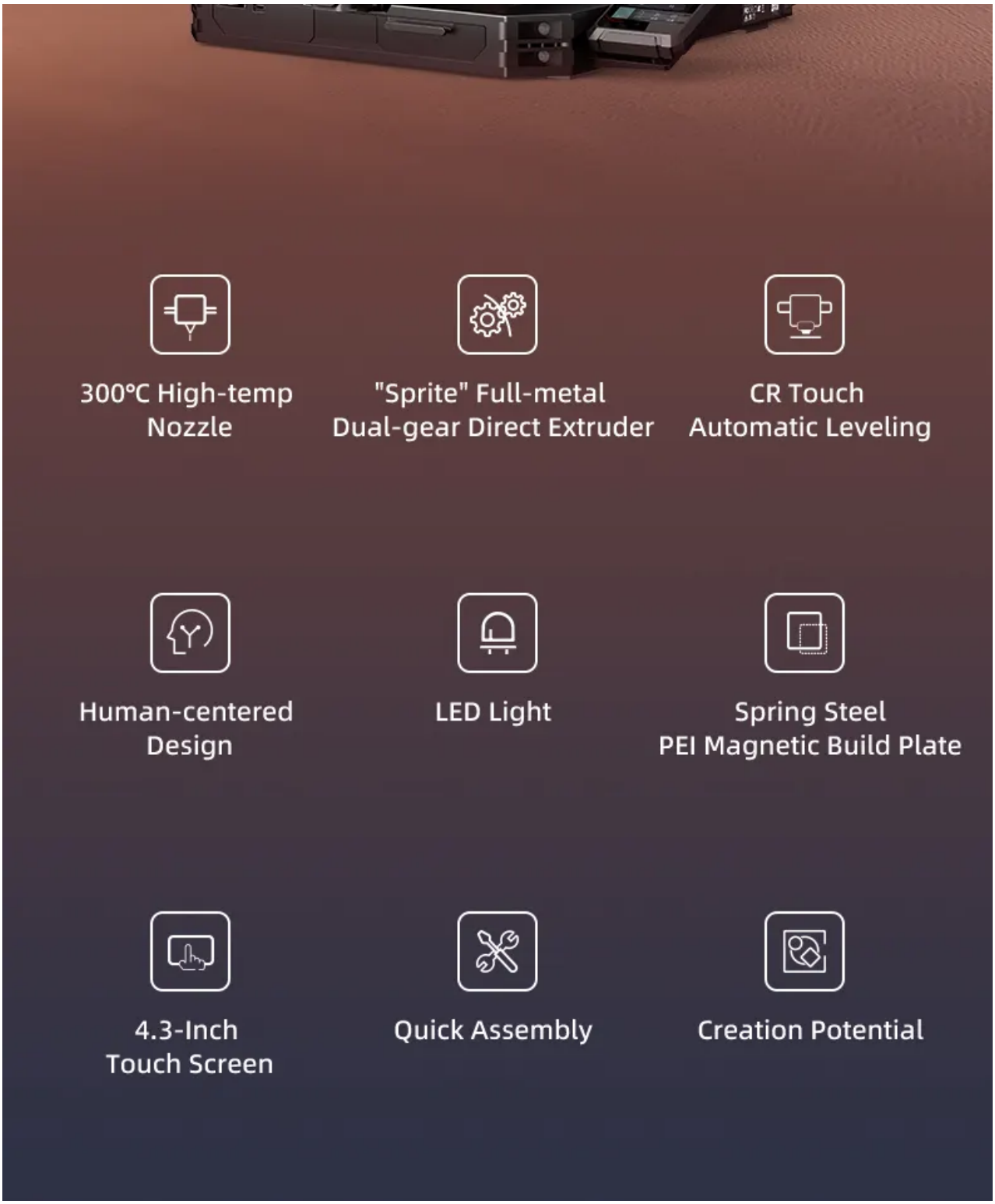
High-performance 3D Printer

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.

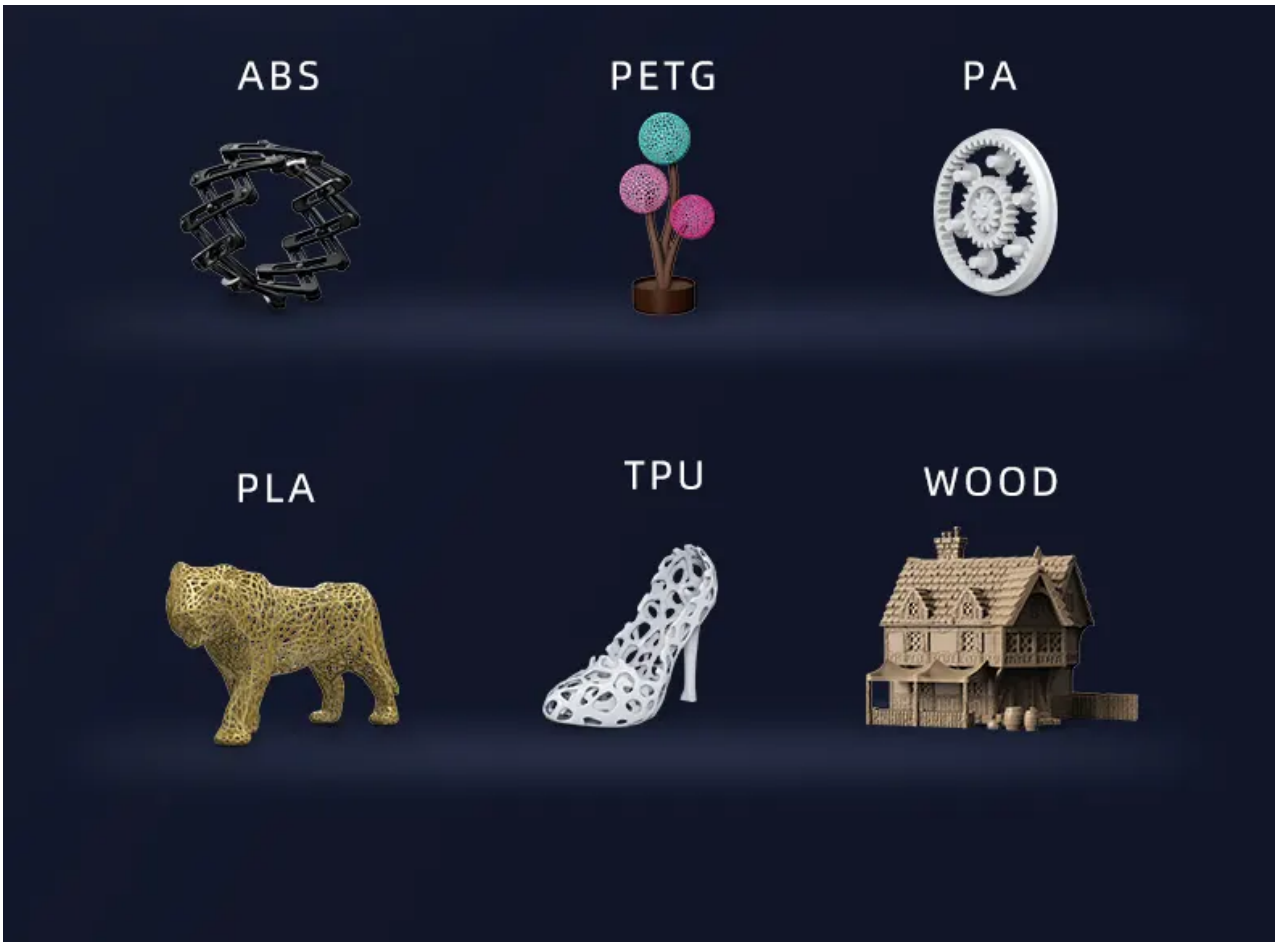



300°C High-temp Nozzle
"Sprite" Full-metal Dual-gear Direct Extruder
CR Touch Automatic Leveling
Human-centered Design
LED Light
Spring Steel PEI Magnetic Build Plate
4.3-Inch Touch Screen
Quick Assembly
Creation Potential

High-temp Printing Concretizing Creativity

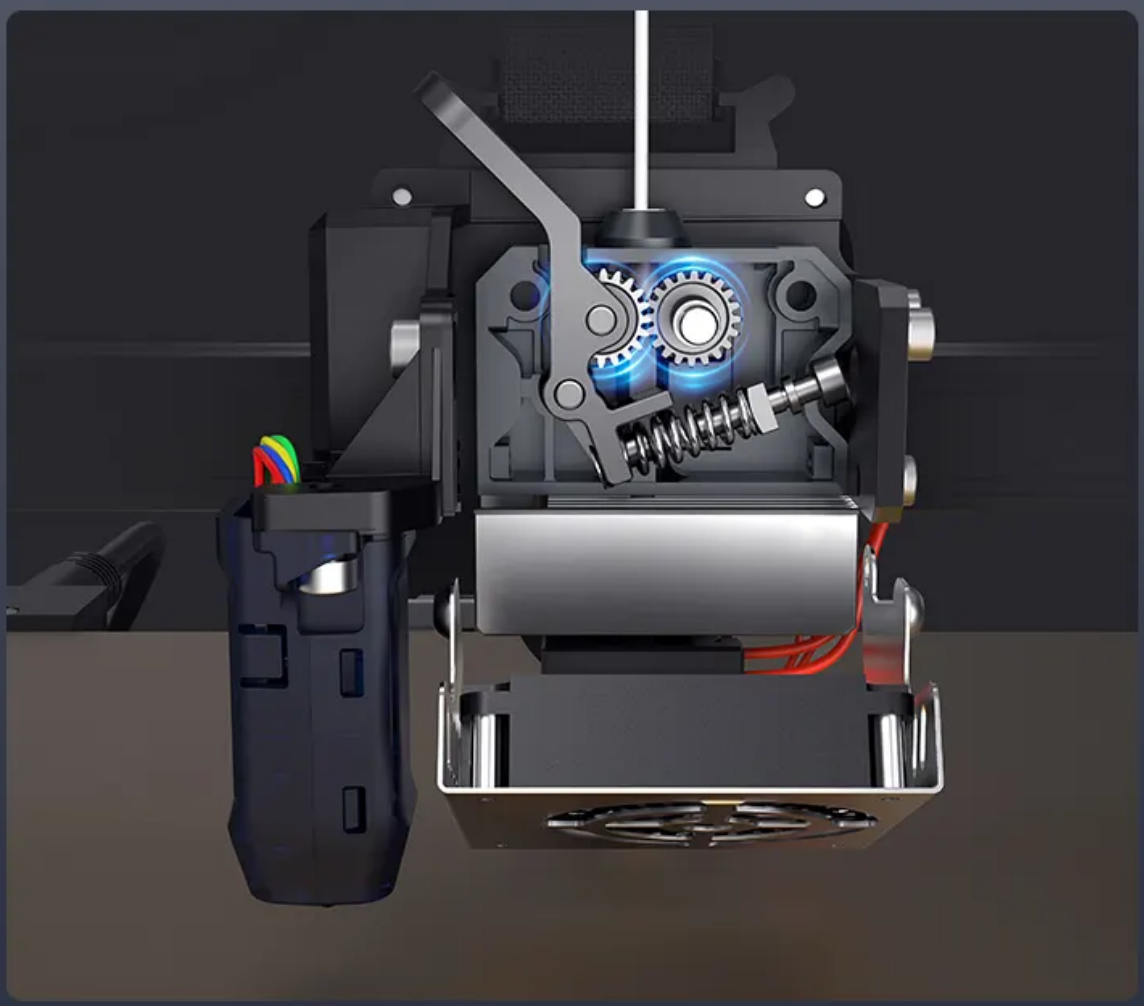
300℃ High-temp Printing Lighting up Passion for Creation

The brand new nozzle made of brass can stand up to 300℃ printing temperature,
and it is compatible with multiple filaments, such as PLA, ABS, PVA, Wood, TPU, PETG, and PA, providing more possibilities for creation.


ABS
PETG
PA
PLA
TPU
WOOD

"Sprite" Full-metal Dual-Gear Direct Extruder, Bid Farewell to Nozzle Jamming

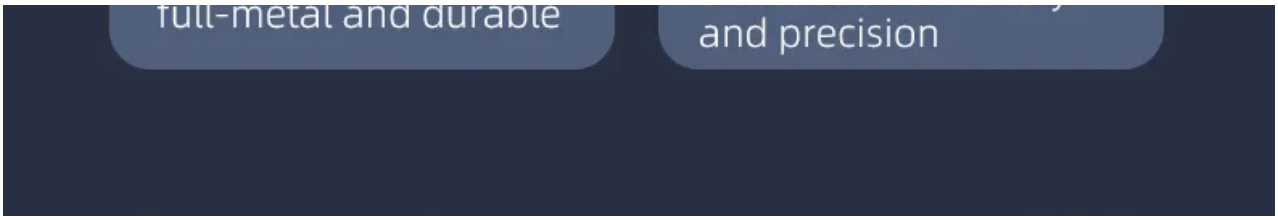
The "Sprite" full-metal dual-gear direct extruder with an extrusion force of 80N ensures smooth feeding when printing with different filaments, especially the flexible TPU.



334g only

up to 80N extrusion force

unmatched accuracy


full-metal and durable
and precision

Human-centered Design

Integrated structure equipped with a handle for facile platform pulling out under the high-temp condition.

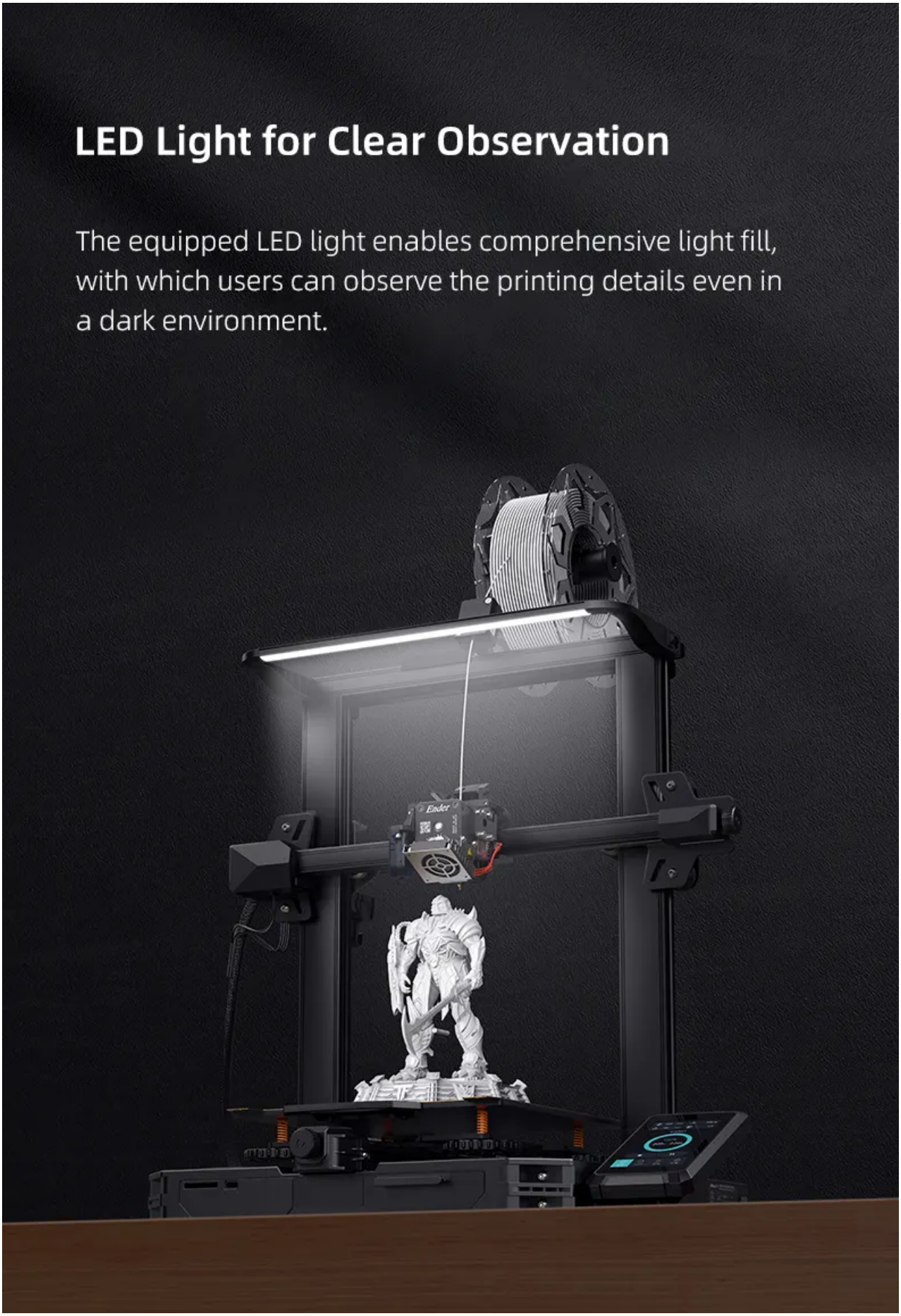
platform handle

4.3-inch Touch Screen
Click to Control

The 4.3-inch touch screen, supporting 9 languages, offers efficient UI interaction and is easy to use. It will dim out automatically for energy-saving if there is no action for 3 minutes.

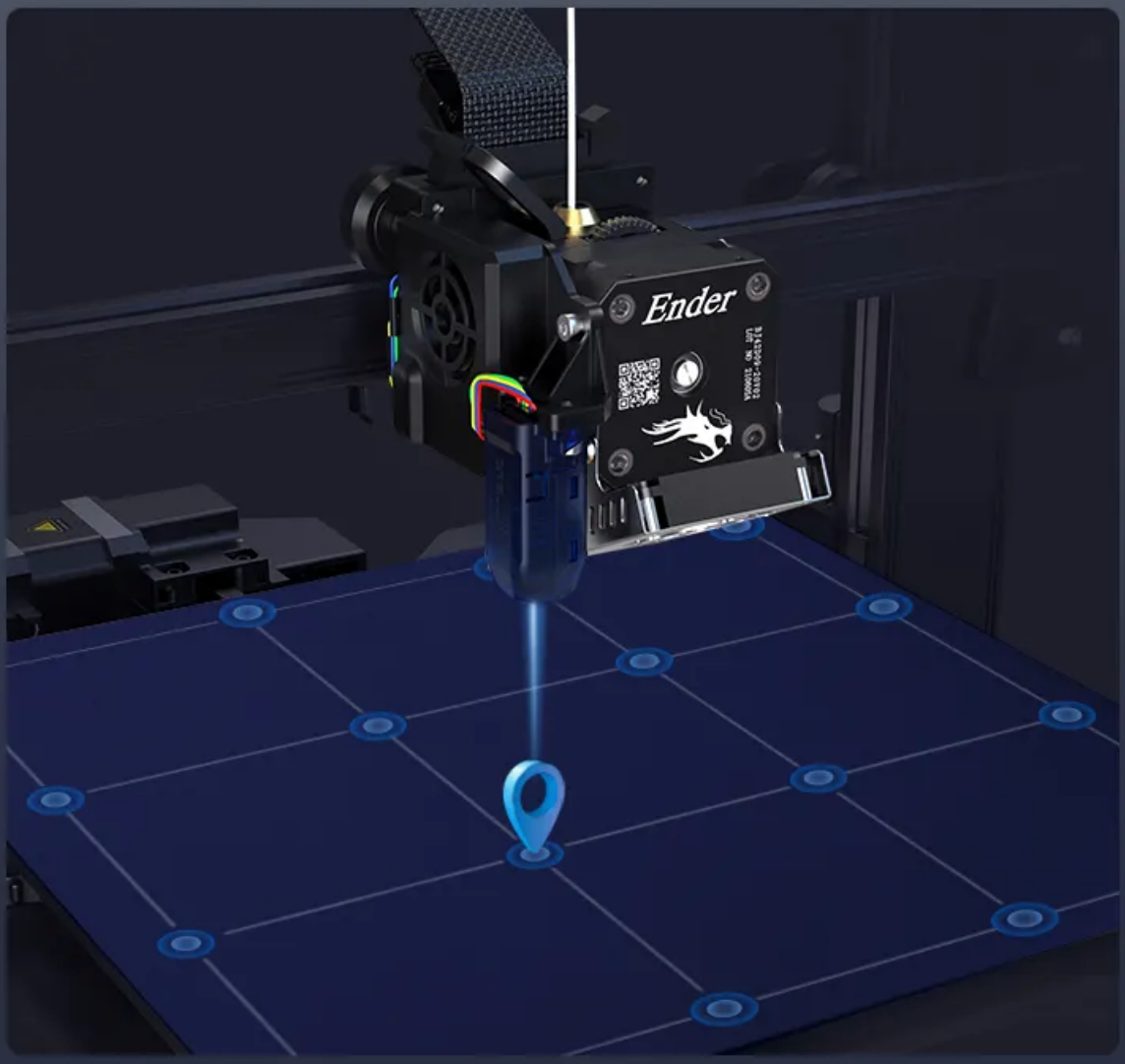
LED Light for Clear Observation

The equipped LED light enables comprehensive light fill, with which users can observe the printing details even in a dark environment.



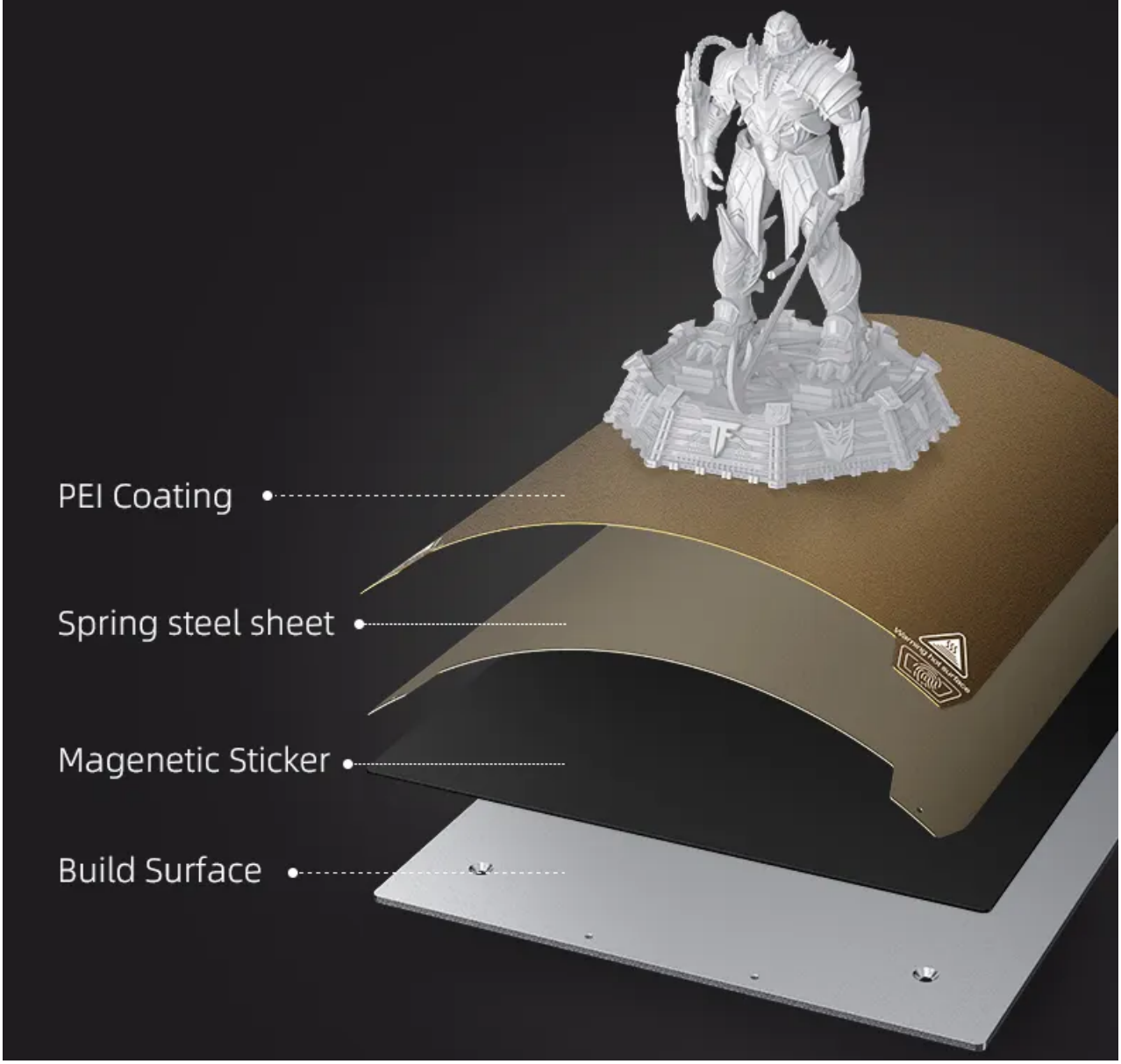
CR Touch Automatic Leveling Enabling Perfect Printing

Equipped with CR Touch, the 16-point automatic leveling can complete quickly with compensation for points' printing height on the heat bed. Good efficiency saves much time.



Spring Steel PEI Magnetic Build Plate
Secure Adhesion
Effortless Printed Model Removal

Ender-3 S1 Pro has used the spring steel PEI magnetic build plate, which has good adhesion to the printed model and enables fast heating up of the heat bed. The build plate is not only durable but also flexible. Once the printing completes, users can remove the printed model effortlessly with just a slight bend.

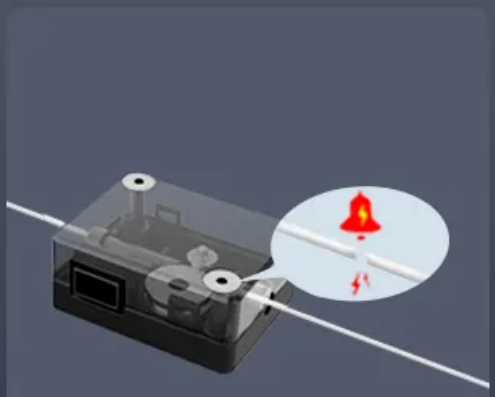


Quick Assembly
Easy to Handle

96% of the printer is preinstalled,
enabling the 6-step assembly.
More aesthetic with a streamlined design.

32-bit silent motherboard

Cozy environment with low-level noise exposure.



Filament Sensor

The sensor can conduct automatic detection of the filament's running out so that users can add filaments in time.

Resume Printing

The printer can save the data during the outage and resume the print correctly from where it's left off, reducing the risk of filament wasting due to the printing failure.

International Certification, Quality Assurance

Ender-3 S1 Pro has been certified by international testing organizations and has received safety certification from multiple countries, such as the United States, Australia, China, European Union, Japan, and United Kingdom. Good quality, safe to own.

Certified by United States' FCC

Certified by Australian RCM

Certified by EU's CE

Certified by Japanese PSE

Certified by UKCA

Compatible with the Laser engraving, Print Innovatively

Customize favorite images with laser engraving, unlock new printing modes.

Liquid Cooling Heatsink, Effective Heat Dissipation

The brand new liquid cooling heatsink is available for fast cooling down. Good heat dissipation improves the printing quality.

Product Parameters

Molding Technolog: FDM	**Nozzle Temperature:** Up to 300°C
Build Volume: 220 x 220 x 270 mm	**Heat Bed Temperature:** Up to 110°C
Machine Dimension: 490 x 455 x 625 mm	**Leveling Mode:** CR Touch Automatic Leveling
Package Dimension: 510 x 510 x 305 mm	**Display:** 4.3-inch color touch screen
Net Weight: 8.6 kg	**Motherboard:** 32-bit silent motherboard
Gross Weight: 10.7 kg	**Resume Printing:** Yes
Printing Speed: Maximum 150 mm/s	**Filament Sensor:** Yes
Printing Precision: ±0.1 mm	**Rated Voltage:** 100-120V, 220-240V, 50/60 Hz
Layer Height: 0.05-0.4mm	**Rated Power:** 350W/24V
Filament Diameter: 1.75 mm	**Data Transmission Method:** Type-C USB/ SD card
Nozzle Quantity: 1	**3D File Format:** .stl/.obj / .gcode (after slicing)
Nozzle Diameter: 0.4 mm	**Extrusion Force:** 80N

0.4 mm 30N

Extruder:
"Sprite" full-metal dual-gear direct extruder with 1:3.5 gearing

Slicing Software:
Creality Slicer/Cura/Repetier-Host/Simplify3D

Build Surface:
Spring steel PEI magnetic build plate

Supported Filament:
PLA、ABS、WOOD、TPU、PETG、PA

Supported Language:
Chinese, English, German, Spanish, French, Italian, Portuguese, Russian, and Turkish