Anycubic Kobra S1 Max Combo 3D Printer

Model: KSMC-IP-O

Manufacturer: ANYCUBIC

EAN: 6974662353931

Product Code: 1686438

R25,393

Anycubic Kobra S1 Max Combo 3D Printer

The Anycubic Kobra S1 Max Combo offers great creative freedom, from larger models and multi-part projects to prints using more demanding engineering materials. A large build volume, high print speed, a heated chamber, and extensive automation systems make it easy to tackle both everyday and more advanced projects. The included ACE 2 Pro module expands the device’s capabilities to include 4-color printing—with the option to upgrade to 16 colors—as well as features for drying, storage, and smart filament management.

Large Build Volume and High Print Speed

The 350 × 350 × 350 mm build volume allows you to print large models or several smaller parts simultaneously. The all-metal CoreXY design, linear guides on the X and Y axes, and a Z-axis system featuring a single motor, three trapezoidal screws, and three guides ensure stable movement of the mechanism. The recommended print speed is 300 mm/s, and the maximum speed reaches 600

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mm/s, allowing the Benchy test model to be completed in 15 minutes. A dual cooling fan ensures proper cooling of successive layers during high-speed operation.

Automatic Calibration with LeviQ 3.0

The LeviQ 3.0 system automates the preparation of the printer for printing and helps ensure a proper first layer without the need for numerous manual adjustments. Adaptive leveling adjusts to the surface of the build plate, making it easier to start the next job and increasing process repeatability. This is complemented by flow dynamics calibration, which precisely regulates filament feed and ensures even material deposition.

Wide Filament Compatibility

A hotend reaching temperatures up to 350°C, a build plate heating up to 120°C, and an actively heated chamber up to 65°C provide the conditions necessary to work with a wide range of materials. The Kobra S1 Max supports PLA, PETG, TPU, PET, PVA, ABS, ASA, PC, PA, PA6-CF, PC-CF, PC-GF, PET-CF, PLA-CF, and PETG-CF. This allows you to create everything from simple models and functional parts to advanced projects made from carbon- or glass-fiber-reinforced filaments.

Durable Components for Technical Materials

The extruder uses a hardened steel gear, making it suitable for use with carbon-fiber-reinforced filaments. A titanium alloy coupler creates a thermal barrier that helps reduce the risk of clogs during high-temperature printing. The hardened steel nozzle is resistant to abrasive materials and offers a service life six times longer than that of a brass nozzle.

ACE 2 Pro and Printing in Up to 16 Colors

The included ACE 2 Pro module enables 4-color printing, and with an upgrade, the system can support up to 16 colors. Four independent brushless motors ensure smooth material feeding, while the next-generation buffer ensures seamless filament feeding and retraction and reduces the risk of jams. Filament loading speed has been increased by 100%, which, according to the manufacturer, saves 77 minutes over 100 material changes.

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Drying and intelligent filament management

The ACE 2 Pro actively dries the filament at temperatures up to 65°C, even during printing. Built-in temperature and humidity sensors monitor conditions inside the module, while a solenoid valve actively removes moisture. The built-in assistant estimates the remaining filament, supports automatic filament changes and refills, and provides smart filament identification, reducing the need for manual supervision of spools during operation.

Smart print process control

The Anycubic Kobra S1 Max uses AI-based features to detect potential issues during operation. The system recognizes foreign objects on the print bed and “spaghetti” errors, and the Object Skipping feature allows it to bypass a damaged part when printing a series of models. The device also supports automatic resumption after a pause and continues the job after a power loss. The printer is also equipped with a filament end sensor that prevents the print from stopping due to a lack of material.

Convenient Operation, Quiet Operation, and Filtration

The Kobra S1 Max can be ready to start printing in about 10 minutes after unboxing. The Quick-Release Hotend and easily accessible waste channel simplify daily operation, and control is handled via a 4.3-inch capacitive touchscreen. Silent mode reduces the printer’s noise level to 45 dB, while the ACE 2 Pro operates at a noise level below 48 dB, and its motors have a rated lifespan of at least 5,000 hours. The package is rounded out by an activated carbon filter, and an additional pack of activated carbon is included.

The Anycubic Ecosystem and Convenient Project Management

The printer is compatible with AC Slicer, PrusaSlicer, and Cura, and Anycubic Slicer offers preset parameter sets for various materials, making it easy to select settings and get started. The device supports STL and OBJ files, and the output format is GCode. The Anycubic app lets you remotely monitor print progress in real time, record the process using the time-lapse feature, and share recordings, while the Makeronline platform provides access to a database of models and inspiration. The Kobra S1 Max supports 2.4 GHz and 5 GHz Wi-Fi, including Wi-Fi 6, as well as an Ethernet port.

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Included in the set

- Kobra S1 Max – 3D printer x1
- ACE 2 Pro – multicolor module / feeder x1
- Spool holder x1
- Signal cable x1
- Teflon tubes x4
- Power cord x2
- Re-enter detection module with 4-in-1 hub x1
- M4×16 screws x2
- M2.5×25 screws x2
- Cable clips x2
- 2.5 mm Allen wrench x1
- 2.0 mm Allen wrench x1
- 1.5 mm Allen wrench x1
- Filament samples
- Nozzle cleaning needle
- Lubricant
- 0.6 mm hardened steel nozzle x1
- Nozzle cleaning module x1
- Nozzle washer x1
- Activated carbon pack x1
- Spool holder – assembly x1

Manufacturer	Anycubic
Model	Anycubic Kobra S1 Max Combo
Printing method	FDM
Design	CoreXY
Build volume	350 × 350 × 350 mm
Printing volume	350 × 350 × 350 mm

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Printer Dimensions	502.7 × 483 × 584 mm
Printer Net Weight	25.7 kg
Recommended Print Speed	300 mm/s
Maximum Print Speed	600 mm/s
Layer thickness	0.08–0.28 mm
X / Y / Z positioning accuracy	0.0125 / 0.0125 / 0.0008 mm
Number of nozzles	1
Standard nozzle diameter	0.4 mm
Optional nozzle diameters	0.25 / 0.6 / 0.8 mm
Maximum print head temperature	350°C
Maximum build plate temperature	120°C
Heated chamber	Active, up to 65°C
Compatible filaments	PLA, PETG, TPU, PET, PLA-CF, PETG-CF, PVA, ABS, ASA, PC, PA, PA6-CF, PC-CF, PC-GF, PET-CF
X/Y axis	Linear guides
Z-axis	Single motor, triple trapezoidal screws, triple guides
Automatic leveling	LeviQ 3.0, adaptive
Flow dynamics calibration	Supported
Print cooling	Dual fan
Air filtration	Activated carbon
Control screen	4.3-inch capacitive touchscreen
Firmware	Kobra OS
Time-lapse recording	Supported
Filament end sensor	Supported
AI detection	Foreign object detection, “spaghetti” detection, object skipping
Resume after power loss	Supported
Ethernet port	Supported
Quiet mode	45 dB
Slicer	AC Slicer / PrusaSlicer / Cura

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Ecosystem	Anycubic Slicer Next / Anycubic App / Makeronline
Input Format	STL, OBJ
Output Format	GCode
Connection Method	Anycubic App, Anycubic Slicer
Wi-Fi	2.4 GHz, 5 GHz
Wi-Fi Mode	STA
Additional Connectivity Support	Wi-Fi 6
Input Voltage	110 V~ / 220 V~
Rated Power	1000 W / 2200 W
Multicolor printing	4 colors standard, expandable to 16 colors
Multicolor module model	ACE 2 Pro
ACE 2 Pro dimensions	368 × 291.5 × 236.5 mm
Net weight of ACE 2 Pro	3.7 kg
Active drying of ACE 2 Pro	Up to 65°C during printing
Motor type of ACE 2 Pro	Brushless
Noise level of ACE 2 Pro	Below 48 dB
ACE 2 Pro Motor Lifespan	≥5,000 hours
Filament Loading Speed Increase	100%
Claimed Time Savings for 100 Filament Changes	77 minutes
Temperature and Humidity Monitoring	Supported
Active moisture removal	Solenoids

Information about data generation: https://dataact.innpro.pl/ANYCUBIC/6974662353931, GPSR Link: https://psr-assets.innpro.pl/creative_technologies/sg_creative_technologies_3d_print.pdf, PPWR: https://ppwr.innpro.pl/en/anycubic, Gross weight: 36000, Net weight: 34000, Box length: 70,00, Box width: 57,00, Box height: 56,00

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