

KS2CBK0A-O

Ancubic Kobra S1 Ace 2 Pro Combo 3D Printer

Product Overview

Ancubic Kobra S1 ACE 2 Pro Combo 3D Printer, FDM Printer with CoreXY construction, Print Speed up to 600mm/s, Build Volume of 250mm x 250mm x 250mm, Base 4-colour printing expandable to 16 colours with ACE 2 Pro unit, Fully Automatic leveling with object-skip and area levelling, AI spaghetti detection via chamber camera, Nozzle Max temperature of 320 degreesC and heated bed Max temperature of 120 degreesC, 4.3-inch capacitive Touchscreen for Control, Wi-Fi connectivity for Anycubic App and AC Cloud monitoring



Specifications

Overview Summary:

Upgrade your creative workflow with the Anycubic Kobra S1 Ace 2 Pro Combo, a powerful fully enclosed CoreXY 3D printer designed for vibrant multicolour printing right out of the box. This advanced machine delivers blazing speeds up to 600mm/s and includes an intelligent ACE 2 Pro unit that actively dries filament to ensure flawless prints every time.

Perfect for makers in South Africa looking for professional-grade results without the complexity, this printer features automatic levelling, AI spaghetti detection, and remote cloud monitoring via the Anycubic App. Whether you are prototyping models or creating detailed art pieces, the Kobra S1 Ace 2 Pro Combo provides the reliability and precision you need to bring your ideas to life.

Secure your high-performance printing solution today by buying now on our online store. Experience the future of accessible multicolour manufacturing with a system built to grow alongside your ambitions.

Performance tier:High-End

Uses:Multicolour prototyping, detailed hobby models, rapid production, educational fabrication, artistic 3D printing

Overview:

The Anycubic Kobra S1 Ace 2 Pro Combo is a fully enclosed CoreXY 3D printer designed to bring professional-grade multicolour printing directly into your workspace. Bundled with the ACE 2 Pro multi-material unit, this system allows users to print up to 16 vivid colours simultaneously without complex manual setups. With a build volume of 250mm x 250mm x 250mm and speeds reaching 600mm/s, it balances high-speed production with fine detail capability. The machine integrates intelligent safeguards like AI spaghetti detection and automatic filament monitoring to ensure consistent results, while the enclosed chamber keeps your environment clean with activated carbon filtration.

Description:

The Anycubic Kobra S1 Ace 2 Pro Combo transforms multicolour printing into a seamless experience. This all-in-one solution combines rapid CoreXY motion technology with an active filament drying system that maintains material quality up to 65degrees C. Whether you are creating detailed miniatures or colorful prototypes, the included ACE 2 Pro unit handles up to 16 colours with ease. The printer features fully automatic levelling, a robust AI monitoring camera for time-lapse tracking, and remote control capabilities via Wi-Fi, making it an ideal choice for makers who demand speed, reliability, and vibrant results.

Features:

Rapid CoreXY Performance

The Kobra S1 Ace 2 Pro Combo leverages a rigid CoreXY construction paired with light-rail X and Y axes to deliver exceptional motion precision. This design supports maximum print speeds of up to 600mm/s while maintaining an acceleration rate of 20,000mm/s² for smooth, vibration-free movement. The system accommodates layer thicknesses ranging from 0.08mm to 0.28mm, allowing you to switch between ultra-fine details and fast draft prints seamlessly. The standard 0.4mm brass nozzle is quick-detachable and compatible with various sizes including 0.2mm, 0.6mm, and 0.8mm options.

- Maximum printing speed of 600mm/s for rapid production
- Acceleration up to 20,000mm/s² for smooth dynamics
- Light-rail motion system on X and Y axes for stability
- Layer thickness range from 0.08mm to 0.28mm

Intelligent Safety and Automation

Frustrations with failed prints are addressed through a suite of smart technologies integrated directly into the firmware. The built-in AI spaghetti detection utilizes the chamber camera feed to monitor the print job and can automatically skip over problematic areas before they ruin an entire project. Automatic filament runout sensing triggers an immediate pause, while power-loss recovery ensures that your work resumes exactly where it left off after an unexpected outage. Fully automatic levelling with object-skip capabilities means the printer is ready for use right out of the box without manual Z-axis compensation.

- AI spaghetti detection prevents print failures
- Filament runout sensing and auto-resume functionality
- Power-loss recovery for interrupted jobs
- Fully automatic levelling with no manual adjustment needed

Active Filament Drying and Air Filtration

Maintaining filament quality is critical for successful multicolour prints, and the ACE 2 Pro unit includes an active drying system that operates at temperatures up to 65degrees C. A built-in sensor monitors temperature and humidity levels inside the unit,

while a solenoid valve expels moist air during the cycle to prevent defects caused by moisture absorption. The printer itself features an enclosed chamber equipped with an activated carbon filtration system, effectively capturing fumes when printing with materials like ABS or ASA to keep your workspace clean.

Remote Control and Connectivity

Full control over the printing process is available through a 4.3-inch capacitive touchscreen on the machine or via remote access using the Anycubic App, AC Cloud, or Anycubic Slicer Next software. A built-in chamber camera supports time-lapse photography so you can review your print progress from anywhere with an internet connection. The system runs on Kobra OS, offering multilingual setup support immediately upon boot, and ensures quiet operation at 44dB in quiet mode.

Technical Specifications:

- Filament Compatibility: PLA, TPU (ACE-grade), PETG, ABS, ASA
- Nozzle Temperature: Up to 320degreesC
- Heated Bed Temperature: Up to 120degreesC
- Construction: CoreXY with light-rail X and Y axes
- Extrusion Type: Dual gear short-range extruder
- Firmware: Kobra OS
- Slicer Support: Anycubic Slicer Next, OrcaSlicer

Key Features Summary:

- Print up to 16 colours simultaneously with the ACE 2 Pro unit (base of 4 included)
- CoreXY motion system delivering speeds up to 600mm/s and acceleration of 20,000mm/s²
- Fully enclosed design with active filament drying up to 65degreesC
- AI-driven print monitoring and automatic levelling capabilities
- Wi-Fi connectivity for remote control via app or cloud services

The product is identified by the part number KS2CBK0A-O. This model combines engineering precision with accessibility, making advanced fabrication technology available to hobbyists and professionals alike.

What's in the Box

- Kobra S1 Printer x1
- ACE 2 Pro Multi-material Unit x1
- Spool Holder x1
- Signal Cable x1
- Filament Tube x4
- Screws M3x6 x2
- Screws M2.5x25 x2
- Grease x1
- Hex Keys 2.5mm / 2.0mm / 1.5mm set x1
- Nozzle Cleaner x1
- Filament Sample x1
- Power Cord x2
- Activated Carbon Filter x1
- Anti-blocking Module x1
- Nozzle Silicone Part x1
- Cable Organizer x2
- Nozzle Cleaning Module x1

Anycubic has been at the forefront of accessible 3D printing since 2015, combining engineering precision with a commitment

to making advanced fabrication technology available to everyone. The Kobra S1 Ace 2 Pro Combo is a direct expression of that mission: a fully capable multicolour FDM system built to perform reliably and grow with your ambitions.

Specifications:

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Specifications

Product Code	KS2CBK0A-O
Printer Technology	FDM (Fused Deposition Modeling)
Printing Volume	250mm x 250mm x 250mm
Print Layer Thickness	0.08 - 0.28mm
Max Printing Speed	600mm/s
Acceleration	20000mm/s ²
Multicolor Printing	Base 4 colors, expandable to 16 colors
Supporting Filaments	PLA,TPU,PETG,ABS,ASA
Active Drying	Supported, drying temperature up to 65degreesC
Nozzle Diameter	Standard 0.4mm , supports 0.2/0.6/0.8mm expansion
Nozzle Material	Non-all-metal, brass nozzle, quick-detachable
Max Nozzle Temperature	320degreesC
Hotbed Max Temperature	120degreesC
Firmware	Kobra OS
Construction	CoreXY
Extrusion Type	Dual gear short-range extrusion
Motion System X-axis	Light rail
Motion System Y-axis	Light rail
Motion System Z-axis	Single motor with three guide poles
Auto-Leveling	Fully automatic leveling, no need for Z-axis compensation
Power Loss Resume	True
Filament Detection and Auto Resume	True
AI Spaghetti Detection	True
Object-Skip and Area Leveling	True
Control and Print Methods	Touchscreen, Anycubic App, Anycubic Slicer Next, AC Cloud
Touchscreen	4.3-" capacitive touch screen
Noise Level	<=46dB (Standard mode) , <=44dB (Quiet mode)
Video Monitoring	Chamber Camera (supported , time-lapse photography supported)
Multilingual Support	Yes (multiple languages available at startup)

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Product Specification Sheet

Slicer Software	Anycubic Slicer Next, OrcaSlicer
Input File Formats	.STL,.OBJ,.3mf
Output File Formats	GCode
Connectivity	U-DISK,AC Cloud, Anycubic Slicer Next, Wi-Fi
Wi-Fi Spec	2.4GHz, Working Mode: STA
Power Input	100-120V~ / 200-240V~
Rated Power	500W / 1500W
Machine Dimensions	40 x 41 x 49 cm
Machine Weight	18000g
ACE Unit Dimensions	36.8 x 29.1 x 23.6 cm
ACE Unit Weight	3700g

FAQ

Is this printer ready for multicolor printing right out of the box?

The Anycubic Kobra S1 Ace 2 Pro Combo includes the ACE 2 Pro multi-material unit, allowing you to print up to 4 colors immediately with the ability to expand capacity to 16 colors.

Does the printer require manual leveling or Z-axis compensation?

No, the Kobra S1 features fully automatic leveling with object-skip and area levelling capabilities, so no manual Z-axis compensation is required before starting a print.

What materials can this CoreXY 3D printer handle?

The machine supports PLA, PETG, ABS, ASA, and TPU filaments, with a heated bed reaching up to 120degrees C and a nozzle temperature capability of up to 320degreesC.

How does the system protect filament quality during printing?

The included ACE 2 Pro unit actively dries filament at temperatures up to 65degrees C using integrated sensors, while the printer's enclosed chamber contains an activated carbon air filtration system for a clean workspace.

Can I monitor and control prints remotely from my phone or computer?

Yes, you can use the Anycubic App, AC Cloud, or Anycubic Slicer Next via 2.4GHz Wi-Fi to manage prints, while a built-in chamber camera allows for time-lapse photography and remote monitoring.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/KS2CBK0A-O-Anycubic-Kobra-S1-Ace-2-Pro-Combo-3D-Printer-Buy-p-341791.php>

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Product Specification Sheet

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