ANYCUBIC Photon Mono 4K

Product Description

Maybe you need a suitable accessories for Wash & Cure Machine 2.0: https://www.anycubic.com/products/sealed-washing-container-for-wash-cure-machine-2-0

Large print volume
Photon Mono 4K can print up to 6.5 x 5.2 x 3.1 in.

Matrix parallel source
15 bright LED lights are placed into a matrix to make up a powerful and parallel light source.

Print fast
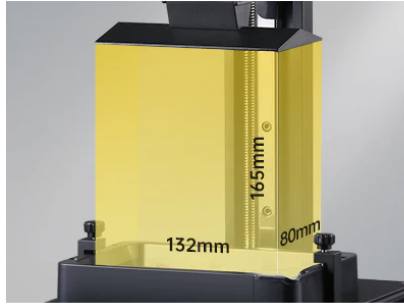With an impressive print speed at ≤ 5 cm/hr. / 1.97 in./hr.
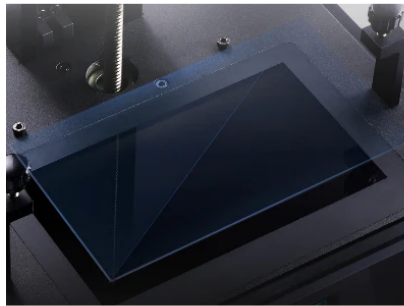
One piece FEP film

Technical Specifications

- Exposure screen: 6.23'' monochrome
- Printing dimensions: 6.5 x 5.2 x 3.1 in. / 16.5 x 13.2 x 8 cm (HWD)
- Light transmittance: 7%
- Contrast ratio: 400:1
- Light source: Parallel matrix (LED x 15)
- Power density: 3,500 - 4,000 μw/cm²/23,905 - 27,320 lux
- Printing accuracy: 3,840 x 2,400 px (4K)
- Suggested layer thickness: 0.01 - 0.15 mm
- Horizontal resolution: 35 μm
- Printing speed: ≤ 5 cm/hr. / 1.97 in./hr.
- Control panel: 2.8'' TFT touch-control
- Data input: USB-A 2.0
- Power supply: 45W
- Software: Photon Workshop
- Machine dimensions: 15.1 x 8.9 x 8.7 in./38.3 x 22.7 x 22.2 cm (HWD)
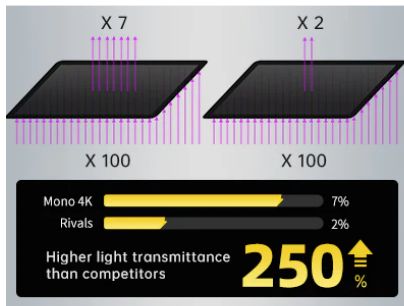- Machine weight: 9.4 lb./4.3 kg

For Freedom to Make

Anycubic Photon Mono 4K can print up to 6.5 x 5.2 x 3.1 in. / 16.5 x 13.2 x 8 cm (HWD) at a time, similar dimensions to a mini rugby ball. 58.9 oz. / 1.7 L total build volume leaves enough space and freedom for you to make any shapes of cubic.
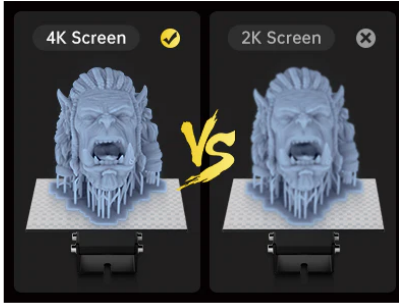
4K Vivid Details

With 3,840 x 2,400 px resolution, Photon Mono 4K's screen has a total number of over 9.2 million pixels, which is 122% higher than Photon, Photon Mono and its rivals' 2K resolution screen. High resolution brings vivid details to your 3D models.

Sharp Edges and Corners

Adopting an industry-leading screen with 400:1 contrast ratio, 100% higher than Anycubic Photon, Photon Mono and its rivals' 200:1, Anycubic Photon Mono 4K provides your 3D models with extremely sharp and clear edges and corners.

Protect What Matters

In order to better protect its premium screen, Anycubic Photon Mono 4K added a dedicated and replaceable anti-scratch film above the screen itself, making that expensive screen much more durable than its rivals.

Print, One Step Ahead

With an impressive print speed at ≤ 5 cm/hr. / 1.97 in./hr., Photon Mono 4K can print a typical 12cm / 4.7in. model in 2.5 hours, which takes 3.5 hours less than Photon's 6 hours, and 30 mins less than its rivals' 3 hours. Fast printing saves your time wasted on waiting.

Powerful Light Matrix

15 bright LED lights are placed into a matrix to make up a powerful and parallel light source, so that Anycubic Photon Mono 4K can provide ≥90% light uniformity and ≤ 27,320 lux power density to each layer, making fast printing possible.
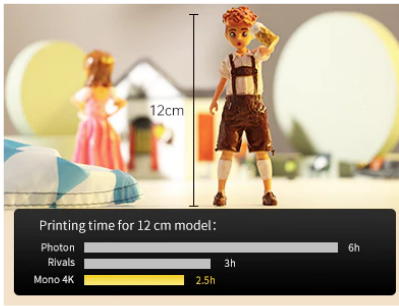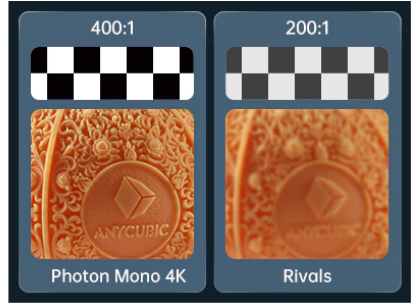
High Light Transmittance

Anycubic Photon Mono 4K is equipped with an industry leading screen with 7% light transmittance, which is 250% higher than Anycubic Photon and its rivals' 2%. High light transmittance makes quick forming possible.
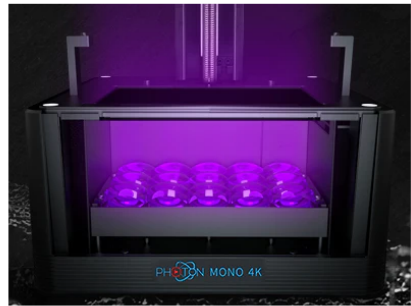
Adjustable Power

With 30%-100% light power regulation, Photon Mono 4K supports not only ordinary 405nm UV resins, but also special resins. In addition, adjusting the light power appropriately can extend the lifespan of both the screen and light significantly.

6.23" Decent Screen

Anycubic Photon Mono 4K is equipped with a decent 6.23" screen, which is 29% larger than Anycubic Photon's 5.5" screen, and 8% larger than Photon Mono's 6.08" in screen area.

In The Box

User Manual | Funnel | Tool set | SD-Card Reader | Scraper | Resin Vat | Platform | Power Cord | LCD Screen Protector | Glove