

POLYMER SOLUTIONS

# EOS P3 NEXT

- An optimized workflow, innovative software, and state-of-the-art hardware features boost machine productivity by 50% and cut costs by 30%
- Profit from up to 90% machine availability and double your material efficiency with an impressive 80% reusability rate.
- Unlock efficient data preparation, production management, and analytics with our advanced software.
- Streamline your workflow with innovative peripherals, that include part unpacking and finishing as well as material sieving and mixing.
- Profit from a cost-effective, scalable production with a minimal footprint.
- Experience precision-driven quality tailored for every application.
- Achieve a quick time to market with our optimized and proven parameter sets.
- Enjoy customizable settings designed to enhance both quality and performance.



## EXPOSURE MODULE

LASERS

1 x  
70 W



EOS P3 NEXT

## TECHNICAL DATA

<b>BUILD VOLUME</b>	340 x 340 x 600* mm (13.4 x 13.4 x 23.6 in)
<b>LASER TYPE</b>	CO <sub>2</sub> ; 1 x 70 W
<b>SCAN SPEED</b>	up to 6.0 m/s (19.7 ft/s)
<b>FOCUS DIAMETER</b>	approx. 480 µm (0.01890 in)
<b>POWER SUPPLY</b>	1 x 32 A
<b>POWER CONSUMPTION</b>	max. 10.0 kW / typical 2.1 kW

\* Height includes build plate

# DIMENSIONS & WEIGHT

## EOS P3 NEXT

Height: 2,400 mm / Weight approx. 1,400 kg

## EOS P3 NEXT

PA 1101



PA 1101 ClimateNeutral



PA 2200 Balance



PA 2220 HighReuse



PA 2200 CarbonReduced Balance



PA 2201



PA 3200 GF



PA 2241 FR



PA 950 HD



# OPTIONAL ACCESSORIES

## IPCM P Plus

Fully Automatic With a Closed Powder Cycle

## Big Bag Emptying Station

Big bag emptying station for large powder containers: supply up to 400 kg of new powder

## Unpacking & Sieving Station

Unpacking and sieving station quickly removes excess material from the components, sieve and conveys used powder

## Blasting Cabinet

Manually or automatically depowder components using glass or plastic blasting media

## Cool Down Cover

## Mixing Station

Mixing & Qualification Station (MQS) for gravimetric dosing, homogenization and condition of new and used powder

## HEADQUARTERS

**EOS GmbH**  
**Electro Optical Systems**

Robert-Stirling-Ring 1  
82152 Krailling / Munich  
Germany

Tel.: +49 89 893 36-0  
Email: [info@eos.info](mailto:info@eos.info)  
URL: [www.eos.info](http://www.eos.info)

Status as of 03.12.2024. Subject to technical modifications. EOS is certified according to ISO 9001.

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