

## 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.



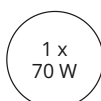
## EOS P3 NEXT

## The Solution With the Best ROI in its Catagory

The EOS P3 NEXT is an end-to-end production solution that delivers high productivity at the right cost and excellent part quality from day one. A flexible solution for growing your business.

## EXPOSURE MODULE

LASERS





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
--------------------------	-------------------------------

# MATERIALS & PROCESSES

EOS has exceptional materials expertise and a comprehensive portfolio of highly developed materials for additive manufacturing. Our materials, systems and process parameters fit together optimally. With the right materials, you can realize the desired property profiles in the best possible way for your products

## EOS P3 NEXT

PA 1101



PA 1101 ClimateNeutral



PA 2220 HighReuse



PA 2200 Balance



PA 2200 CarbonReduced Balance



PA 2201



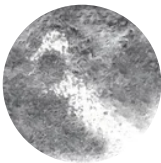
PA 3200 GF



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 & Qualitification 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 11.04.2025. Subject to technical modifications. EOS is certified according to ISO 9001.

EOS®, Additive Minds®, Alumide®, AMQ®, CarbonMide®, DirectMetal®, DMLS®, EOSAME®, EOSINT®, EOSIZE®, EOSPACE®, EOSPRINT®, EOSTATE®, EOSTYLE®, FORMIGA®, LaserProFusion®, PA 2200®, PrimeCast® and PrimePart® are registered trademarks of EOS GmbH Electro Optical Systems in some countries. For more information visit [www.eos.info/trademarks](http://www.eos.info/trademarks).