

POLYMER SOLUTIONS

EOS P 396

- All 3D printed parts with excellent mechanical properties and dimensional accuracy due to software features such as Smart Scaling, EOSAME and a continuous temperature monitoring.
- Highest productivity ensured by its powerful laser plus high scanning and recoating speed.
- A multitude of applications that fully meet industry requirements is possible with the 14 materials and their 26 parameter sets.
- Full integration into the IIoT environment with EOSCONNECT Core resulting in an entirely digital process chain from the CAD model, through ERP and MES connection, to the finished part.
- Maximum machine park uptime with digital track and trace from everywhere and at any time.
- Continuous optimization of the entire production workflow made possible with the evaluation and documentation of all build cycles.



EXPOSURE MODULE

LASERS

1 x
70 W

SOFTWARE



EOS DATA INSIGHTS

Data Insights offers unparalleled insights into machine performance — either individually or as a whole park of devices.



EOS SYSTEM SUITE

EOS System Suite optimizes production by streamlining processes, integrating with MES and shop-floor IT systems, and generating detailed quality reports.



EOS P 396

TECHNICAL DATA

BUILD VOLUME	340 x 340 x 600* mm (13.4 x 13.4 x 23.6 in)
LASER TYPE	CO ₂ ; 1 x 70 W
SCAN SPEED	up to 6.0 m/s (19.7 ft/s)
POWER SUPPLY	1 x 32 A
POWER CONSUMPTION	max. 10 kW / typical 2.1 kW

* Height includes build plate

DIMENSIONS & WEIGHT

EOS P 396

Height: 2.100 mm / Weight approx. 1.060 kg

EOS P 396

PA 1101



PA 1101 ClimateNeutral



PA 1102 black



PA 2200 Balance



PA 2200 CarbonReduced Balance



PA 2200 Performance



PA 2200 CarbonReduced Performance



PA 2200 Speed



PA 2200 CarbonReduced Speed



PA 2200 Top Quality



PA 2200 CarbonReduced Top Quality



PA 2200 Top Speed Quality



PA 2200 CarbonReduced Top Speed



PA 2201



PA 3200 GF



Alumide



EOS TPU 1301



PA 2210 FR



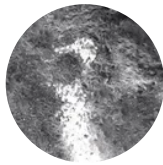
PA 2241 FR



FR-106



HP 11-30



PA 640 GSL



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

HEADQUARTERS

EOS GmbH
Electro Optical Systems

Robert-Stirling-Ring 1
82152 Krailling / Munich
Germany

Tel.: +49 89 893 36-0
Email: info@eos.info
URL: www.eos.info

Status as of 18.05.2024. 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.