Aconity***POLYMER***

High-Performance-Plastics Machine



Variable Spot Diameter
Adjustable from 400 to 2000 µm

Exchangeable Build Cylinder
Efficient external powder handling

Ultra-Fast Scanning
Speeds up to 20 m/s for high throughput

Advanced Temperature Monitoring
Pyrometer & thermal camera control

Integrated Heating System
Infrared & platform heating

Full Process Control
Access to all key process parameters

Aconity***POLYMER***

High-Performance- Plastics Machine





Part: Love Light
Material: Polyamide 12



Part: Interbody Fusion Cage
Material: PEEK

Aconity***POLYMER*** – Aconity3D revolutionizes polymer AM with precision, speed, and versatility. Very high preheating temperatures allow for an increased materials spectrum. Completely open machine with full access to all process parameters.

Technical ***SPECIFICATIONS***

Build Space	Ø 250 x 180 mm³ Ø 100 x 180 mm³
Laser Configuration	120 W CO_2 Laser
Preheating Temp / Build Space	200 °C / Ø 250 x 180 mm³ 350 °C / Ø 150 x 150 mm³
Optic Configuration / Spot Size	3D Scanner / 400 - 2000 µm
Scan Speed	Up to 15 m/s

More information: