

eForm

Accessible laser sintering technology

www.farsoon.com



COST PERFORMANCE

The eForm plastic laser sintering system is an entry level system with all the functionality and power of an industrial level system. With state of the art processing systems combined with Farsoon's powerful control software the eForm is able to achieve highly detailed and functional parts.

PRODUCTION INTERFACE

The eForm comes standard with a streamlined touch screen based UI configuration for the production environment. With this intuitive interface operating laser sintering technology has never been easier.

COMPREHENSIVE SOFTWARE

The eForm like all Farsoon systems is offered with a full set of self-developed Farsoon software. This powerful set of tools enables a variety of functions from build preparation to machine control and operations while remaining completely compatible with third party software and material.

TECHNICAL DATA

eForm

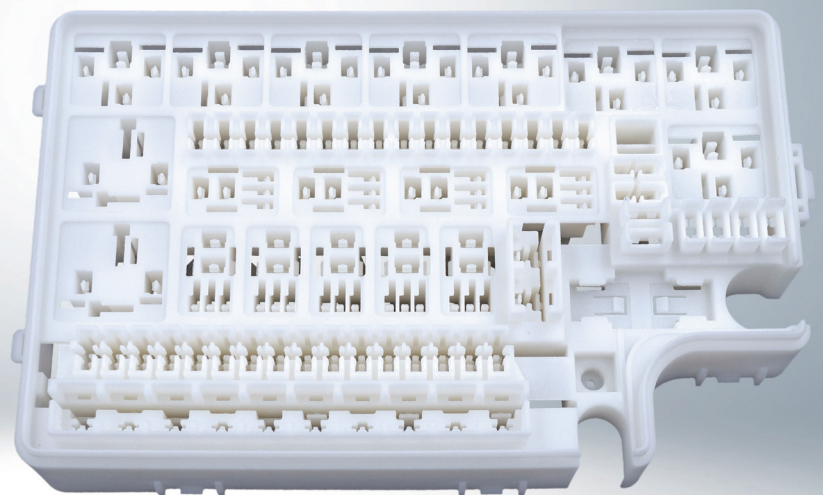
External Dimensions (L×W×H)	1735×1205×1975 mm (68.3×47.4×77.8 in)
Build Cylinder Size ¹ (L×W×H)	250×250×320 mm (9.8×9.8×12.6 in)
Net Weight	Approx. 1700 kg (3747.9 lb)
Laser Type	CO ₂ laser, 1×30W
Scanner	High-precision galvo system
Layer Thickness	0.06~0.3mm (0.0024-0.0118 in)
Volume Build Rate ²	Up to 0.8 L/h
Scanning Speed	Max. 7.6 m/s (24.9 ft/s)
Max. Chamber Temperature	190°C (374°F)
Thermal Field Control	Eight-zone heater & Intelligent temperature control systems
Temperature Regulation	Continuous real-time build surface temperature monitoring & optimization
Operating System	64 bit Windows 10
Comprehensive Software	BuildStar, MakeStar®
Data File Format	STL
Key Software Features	Open machine key parameters, real-time build parameter modification, three-dimensional visualization, diagnostic functions
Inert Gas Protection	Nitrogen
Power Supply	EUR/China: 400V±10%, 3~/N/PE, 50/60Hz, 32A US: transformer sold with machine
Operating Ambient Temperature	22-28°C (71.6-82.4°F)
Materials	FS3300PA, FS3401GB, FS4100PA, FS3150CF, FS3250MF, Ultrasint® PP nat 01, FS6140GF, WANFAB-PU95AB, Ultrasint® TPU 88A black, more materials to come

¹ The functional build volume depends on the parts/materials.

² Volume build rate depends on the parts/materials.

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PART: AUTOMOTIVE FUSE BOX
 MATERIAL: FS3300PA
 SYSTEM: eForm



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