



Metal X

Metal components overnight.

The Metal X significantly accelerates your design innovation and delivers metal components overnight. Forget manufacturing from the 20th century and print everything, such as industrial spare parts, injection molds and working prototypes.

Thanks to the innovative Atomic Diffusion Additive Manufacturing technology (or ADAM for short) the components achieve outstanding mechanical properties and enormous rigidity.

Contact: www.mark3d.co.uk | 0800 193 3650
or scan the adjacent QR code



Metal X		
Price	3D-Printer	£ 77,250
	EIGER Software Cloud Online version included	✓
	EIGER Software Desktop Online version included	✓
	Optional: EIGER Software Offline version inc. 1 Yr Support	£ 3,950
	Additional Yr's Support EIGER Software (above)	£ 800
Printer Properties	Process	Atomic Diffusion Additive Manufacturing (ADAM)
	Build Volume (X, Y, Z)	250 x 220 x 200 mm
	Machine Footprint	575 x 467 x 1120 mm
	Power Requirements	100-240VAC, 2400W (20A peak), IEC60320 Type C20
Part Properties	Max Part Size	208 x 183 x 167 mm
	Max Part Weight	10 kg
	Part Density	99,7 %
	Infill	Closed Cell Triangular Infill
Software	Supplied Software	Cloud, Desktop, 1 license
	Security	Two Factor Authentication, Org Admin Access, Single Sign On
Material	Launch Materials	17-4 Stainless Steel, 316L Stainless Steel
	Price (17-4) pro 1 kg	£ 99
	Beta Materials	6061 Aluminum, 7075 Aluminum, Inconel (IN) 625, A-2 Tool Steel, D-2 Tool Steel, Titanium Ti6Al4V
	Media Cartridge	Bound Powder

Prices quoted may change and are subject to VAT.

Equipment	
Debinder / Wash Specifications	
Price	£ 11,995
Supported Materials	All Metals
Fluid	Opteon Sion
Controller	Integrated Control System
Workholding	Stainless Steel Bucket
Washing Size	356 mm x 254 mm x 203 mm
Washing Volume	18,356 cm ³

	Sinter Oven 1	Sinter Oven 2
Price	£ 11,995	£ 39,995
Materials Supported	All Commercial Grade Metals Including: Stainless Steel, Tool Steel, Inconel, Aluminum, & Titanium	
Heating Element	Kanthal	
Controller	Pre-Programmed Automatic Cycling	
Peak Temperature	1300° C	
Sintering Capacity	Cylindrical - 141 mm ID x 305 mm L	Cylindrical - 305 mm ID x 305 mm L
Sintering Volume	4.760 cm ³	22.283 cm ³
Gas Type	Nitrogen, Argon, Forming gases	
Retorte	High Purity Refractory Retort (Carbon Free)	
Sintering Surface	Ceramic	
Environmental Req.	External Exhaust (100 CFM)	
Power	208 1-Phase, 36A	208 3-Phase, 100A
Over Temperature	Protection System Included	
External Dimensions	1067 mm x 483 mm x 406 mm	1778 mm x 1016 mm x 1270 mm
Weight	218 kg	654 kg