
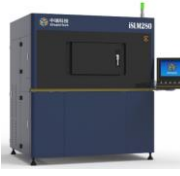
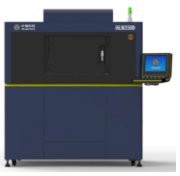




ZRapid SLM Metal 3D Printer		iSLM160/iSLM160D	iSLM280/iSLM280D	iSLM350/iSLM350D	iSLM420/iSLM420D	iSLM600QN
						
Material	Open Material	Titanium Alloy, Aluminum alloy, High- temperature Alloy,Stainless Steel Powder, High- strength Steel, Maraging Steel,, Copper Alloy.Support for third-party materials				
Laser system	YB-Fiber Laser (IPG)	200W/500W 200WX2/500WX2	500W X1/ 500W X 2	500W X1/ 500WX2	500W X1/500WX2	500W X4/1000WX4
Build Chamber		160mm (X) X 160mm (Y) X 200mm (Z)	280mm (X) X 280mm (Y) X 350mm (Z)	350mm (X) X 350mm (Y) X 500mm (Z)	420mm (X) X 420mm (Y) X 500mm (Z)	600mm (X) X 600mm (Y) X 1000mm (Z)
Building Speed		Single laser : 5~20cm ³ /h Dual laser : 8~35cm ³ /h	Single laser : 10~30cm ³ /h/Dual laser : 15~52cm ³ /h	Single laser : 15~35cm ³ /h Dual laser : 25~63cm ³ /h	Single laser : 15~35cm ³ /h Dual laser : 25~63cm ³ /h	Max build speed1:120 cm ³ /H
RECOATING SYSTEM	Normal Layer thickness	0.03mm-200W /0.05mm-500W	0.05mm	0.05mm	0.05mm	0.05mm
	Quick build Layer thickness	0.03-0.05mm-200W /0.05-0.1mm-500W	0.05~0.1mm	0.05~0.15mm	0.05~0.15mm	0.05~0.15mm
	Precision build Layer thickness	0.02-0.03mm-200W /0.02-0.05mm-500W	0.02~0.05mm	0.02~0.05mm	0.02~0.05mm	0.02~0.05mm
	Recoating way	Bi-directional ,Scraper recoating,Variable speed scraper				
OPTICAL & SCANNING	Spot Size	0.06~0.20mm				
	Focus style	Scan Lab High-speed galvanometer				
	Max Scan Speed	10m/s,				
Powder Vat	Volume	Approx. 5.2L	Approx. 27.5L	Approx. 63L	Approx. 80 L	Approx. 360 L
	Protective Gas	Ar/N2, Min oxygen content ≤100PPM				
	Heating Style	Precision resistance wire heating,Substrate heating temperature 200°C				
Software	Operating System	Win 10 Pro 64 Bit,Ethernet, IEEE802.3				
	Control Software	iSLM(Presto SLM), Full Opening to all parameters,Material Parameter Package : Equipped and customizable				
	Supporting software	Magics Print Metal; Autodesk Netfabb,ZRapid 3D Layer				
	Input Data Format	STL, CLI, SLC file				
Installation Condition	Power	200-240V AC 50/60Hz, Single-phases, 5-20Amps, ≤3KW	200-240V AC 50/60Hz, Single-phases, 5-20Amps, ≤5KW	380V, AC 50/60Hz, three-phase, 30A, ≤8KW	380V, AC 50/60Hz, three-phase, 30A, ≤8KW	380V, AC 50/60Hz, three-phase, 64A, ≤20KW
	Ambient temperature	20-26°C				
	Relative humidity	< 40%				
Main Machine	Machine Size (W, D, H)	1.10m(W) X 1.28m(D) X 1.85m(H)	1750mm(W)×1400mm(D)×2200mm(H)	1950mm(W)×1430mm(D)×2470mm(H)	2.65m(W)×1.45m(D)×2.90m(H)	3.30m(W)×1.65m(D)×4.05m(H)
	Installation Space	2.9M×2.5M×2.5M (W×D×H)	4M×4M×3.5M (W×D×H)	4.5M×4.5M×3.5M (W×D×H)	5M×4M×4M (W×D×H)	6M×5M×6M (W×D×H)
	Machine Weight	Approx. 850Kg	Approx. 1800Kg	Approx. 2500Kg	Approx. 3700Kg	Approx. 8500kg
WARRANTY	Laser	5000 hours or 12months (whichever comes first)				
	Machine	One (1) year from the date of installation date				