



ZRapid



ZRapid iSLM160

Metal Additive Manufacturing Machine

Innovator of China 3D Printing Technologies



► Technical Parameters









Supporting materials	Steel Alloys, Aluminium Alloys, Titanium Alloys, Nickel-based Alloys, Cobalt-Chrome Alloys, Copper alloy, Precious Metals, etc.
Bulid Volume	160mm(X)*160mm(Y)*170mm (net height)
Maximum part weight	20KG
Laser Power	500W/500WX2
Wave length	1060nm~1080nm
Layer Thickness	0.02mm~0.08mm/20µmm~80µmm
Scanning Speed	1.0~10.0m/s
Beam (diameterΦ)	0.04mm-0.15mm
Recoating	Single/Double-direction
Oxygen Content	≤100 ppm(adjustable)
Gas Requirement	Nitrogen, Argon
Software	ZERO 4.0 PRESTO software, ZRapid 3D Layer, Magics
Supply Voltage	220V (±10%), Single-phases, 12Amps, ≤3 KW
External Dimensions	1.10m(W) X 1.28m(D) X 1.85m(H)
Machine Weight	Approx. 850 kg



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► The advantages of iSLM160

-  Premium Brand Hardware
-  Powerful & Mature Control Software
-  Fully Open Parameters
-  Compact & Rational Design
-  Continuous Printing & Non-Stop Sampling
-  Customizable Building Cylinder (Optional)
-  Quad-Filtration System & Long-Life Filters
-  Extremely Low Maintenance & Cost of Ownership

► iSLM160 Application Cases



Stainless steel

Aluminum alloy

Nickel base super alloy

Co-Cr-Mo alloy

► Automation Solutions



Vacuum oven

Sand blasting machine

Metal powder sieve

Optional Accessories