



METROLOGY
SOLUTIONS



EP-C7250

Sand SLS 3D Printer

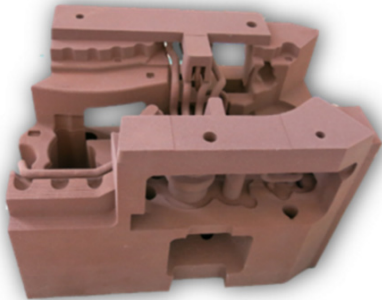
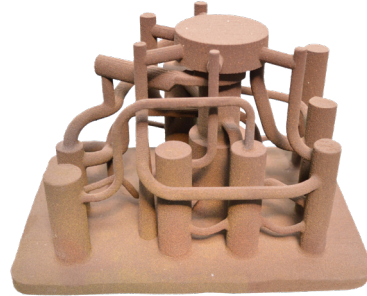




EP-C7250

EP-C7250 is able to use resin sand to print sandmolds. Together with traditional casting technology, the molds is possible to cast engine blocks, cylinder heads, turbines, impellers and other components with complex structures in a very short time. The building chamber size is 720x720x500mm.

PS or Resin Sand based, cost-effective pattern casting material, which is compatible with most standard casting processes. It is suitable for prototype metal castings and can be produced in low to medium output without the use of tools.



« Wide Application

EP-C7250 SLS 3D printer offers huge build size and can rapidly cast the parts with complex structure, like engine cylinder block, cylinder head, turbine and impeller, etc.

⌵ High Cost-Effective and Fast Prototypes

EP-C7250 casting printer greatly reduces the R&D and trial-producing time for casting parts with fast sand and wax mold printed directly.



EP-C7250

PARAMETER

Model	EP-C7250
Material	PSB, PP, PE, etc.
Build Volume	720 x 720 x 500 mm(L x W x H)
Layer Thickness	0.08-0.3mm
Machine Weight	2100kg
Material Feed Mode	Automatic loading Bi-directional powder feeding
Laser Power	CO ₂ laser , 120W
Scanning System	Dynamic scanning focus
Scanning Speed	6 m/s
Control Software	Eplus3D Printing Software
OS System Support	Windows 7
Power Supply	380V, 23A, 11kW, 50/60Hz
Temperature Regulation	Continuous real-time building surface temperature monitoring
Dimension	2000 x 1500 x 2650 mm (L x W x H)
Output Data Format	STL or other convertible file

Notice: Eplus 3D reserves the right to explain anyalteration of the speciications and pictures.

