

3D METAL PRINTING

Metal 3D printing facilitates rapid prototyping and manufacturing, allowing for the fast availability of functional prototypes for product development, as well as on demand manufacturing for research projects and industry requirements.

Optofab can provide your 3D printing needs directly from your CAD drawings, with a wide variety of metal alloys and on its 3D systems ProX200 selective laser melting printer. 3D printing complements traditional development and manufacturing methods and reduces the time and cost of designing metal parts by printing them directly from digital input.

3D printing will speed your iterative design and allow designers, researchers and industry to print prototypes in hours, obtain feedback, refine designs, and allow identification of design errors early and allow quick repeat of the cycle until designs are perfected. The availability of metal 3D printing will not only reduce time, it will cut down costs associated with traditional prototyping and tooling.

BUILD MATERIALS

Metal Materials	Stainless Steel, Tool Steel, Titanium Alloy, Cobalt Chromium Alloy, Aluminium Alloy, Inconel
-----------------	--

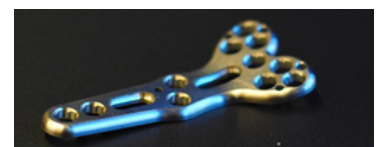
BUILD VOLUME

Length × Width	140 × 140 mm
Height	100mm

Optofab facilities in Adelaide specialise in optical fibre, glass, functional optical materials production and advanced manufacturing.

The range of key services offered include:

- Soft glass fabrication
- Soft and hard glass and polymer preform
- extrusion
- Doped silica preform fabrication
- Soft glass fibre drawing, including micro-structured fibres
- Silica fibre drawing, including micro-structured fibres
- Surface functionalisation of glasses and fibres
- Ultrasonic 5-axis CNC milling
- 3D printing - range of metals and polymers



www.adelaide.edu.au/optofab

For pricing and availability contact:

Mr Luis Lima-Marques
luis.lima-marques@adelaide.edu.au



/optofabadelaid



/optofab-adelaide