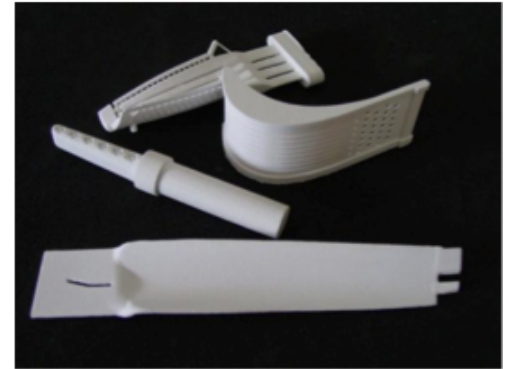
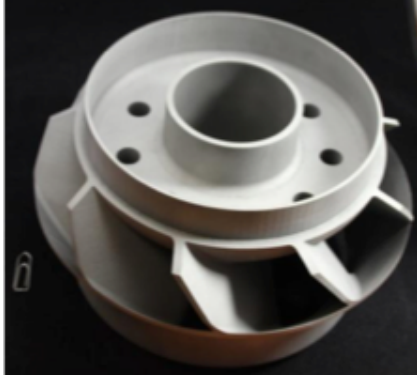


Institute for Photonics and Advanced Sensing (IPAS)

3D Metal and Ceramic Printing

www.ipas.edu.au



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.

IPAS can provide your 3D printing needs directly from your CAD drawings, with a wide variety of metal alloys and ceramics on its latest Phenix PXM selective laser melting printer. 3D printing complements traditional development and manufacturing methods and reduce the time and cost of designing metal or ceramic 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 |
| Ceramic Materials | Alumina, Cermet |

BUILD VOLUME

| | |
|----------------|--------------|
| Length x width | 140 x 140 mm |
| Height | 100mm |

To discuss your 3D printing requirements, please contact Luis Lima-Marques.

Ph: +61 8 8313 0760

Email: luis.lima-marques@adelaide.edu.au