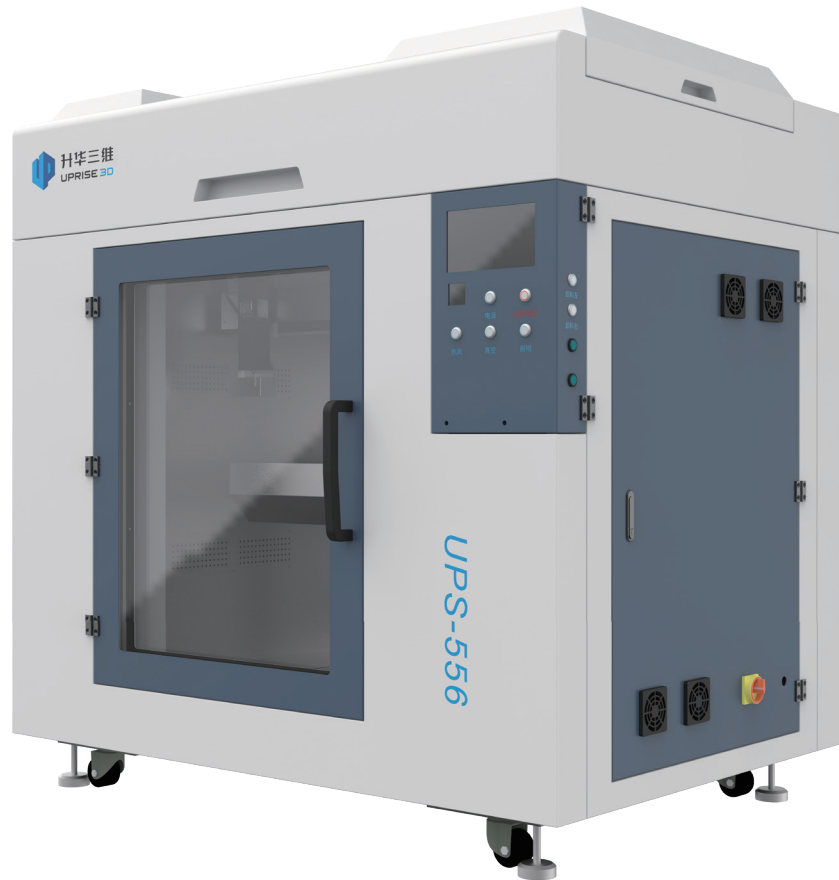




UPRISE 3D

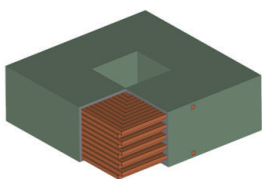
METAL & CERAMIC INDIRECT 3D PRINTING



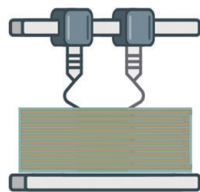
Large Size Independent Double Nozzle 3D Printer

UPS - 556 based on UPRISE3D pioneering powder extrusion printing technology (PEP), USES the independent double nozzle design, can print or each took turns to print at the same time for different kinds of materials in the metal and ceramic composite product development, realize products forming large size and complicated structure, has simple operation, addition, the advantages of high precision, high quality, high cost performance.

Suitable for scientific research and education, industrial manufacturing, aerospace, military and national defense, biomedical, automotive, mold manufacturing, new energy and other fields of 3D printing technology development, material development and rapid development and manufacturing of metal/ceramic products.



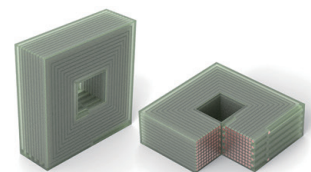
DESIGN



3D PRINTING



DEBINDING & SINTERING



PRODUCTS

DEVICE ADVANTAGES

Material compatibility: Independent dual nozzle design, a device can print multiple materials, also can print metal & ceramic at the same time or in turn.

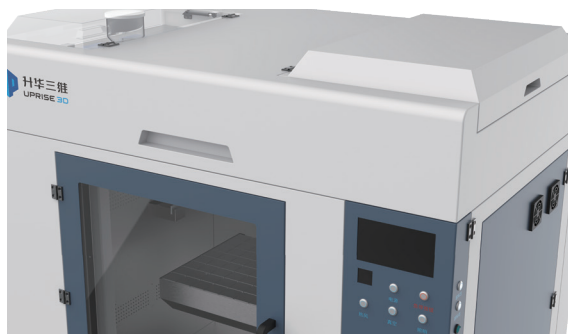
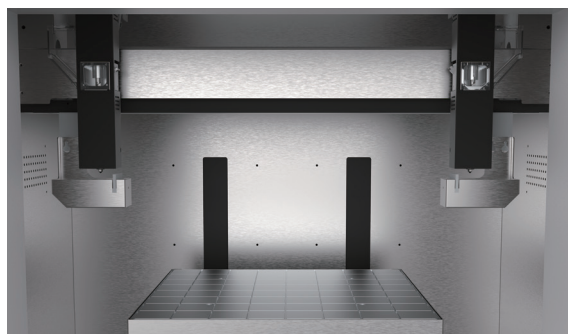
Material diversity: Based on PIM materials for secondary development and adaptation, materials can be recycled.

Convenience: Negative pressure adsorption forming platform, easy installation and disassembly.

Humanize: automatic feeding function, can realize unguarded long time printing.

Automation: nozzle automatic wipe function, alleviate nozzle sticky phenomenon.

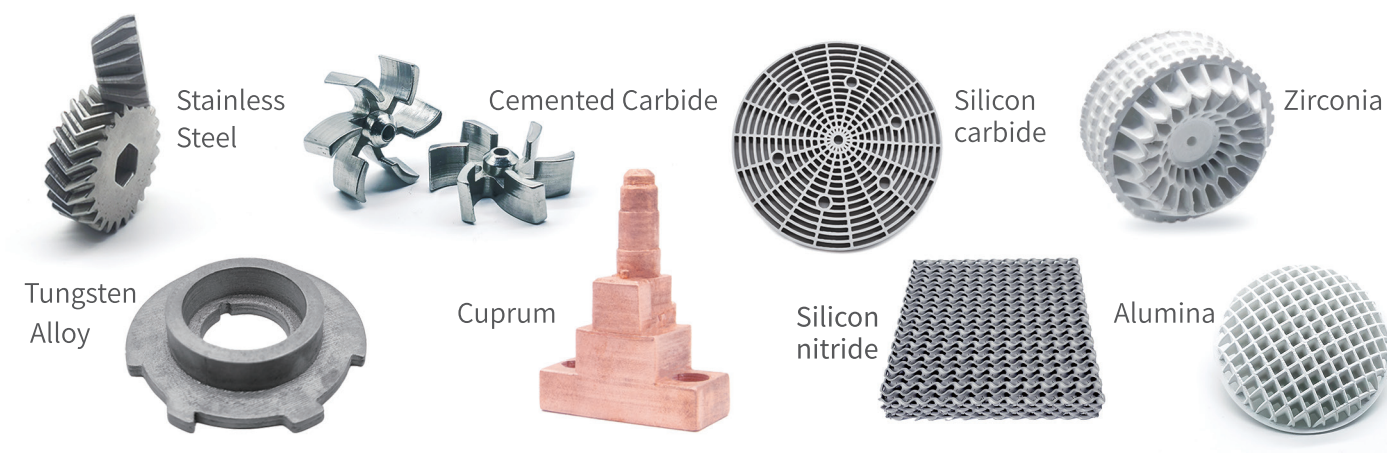
Print stability: Thermostatic chamber controlled by inlet hot wind, which prevents the product from cracking.



DEVICE PARAMETERS

Printing technology	Powder Extrusion Printing
Equipment Size	1780mm×1360mm×1800mm
Printing Size	500mm×500mm×600mm
Print Layer Thickness	0.05-1mm
Nozzle Accuracy	0.3-1.5mm(standard 0.4mm)
Printing Speed	90~180cm ³ /hr

PRINTING MATERIALS



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