

# 3D Printed Partial Framework

We print **10,000+** partial frameworks every day.

## Lighter & Thinner

higher elasticity compared to traditional metal frameworks

## Greater Comfort

high-quality plastic deformation for a better fit

## Durable and Defect-Free

high clasp elasticity and long-lasting performance

## Designed for Healthier Wear

non-toxic, non-allergic, and highly biocompatible materials

## High Aesthetics

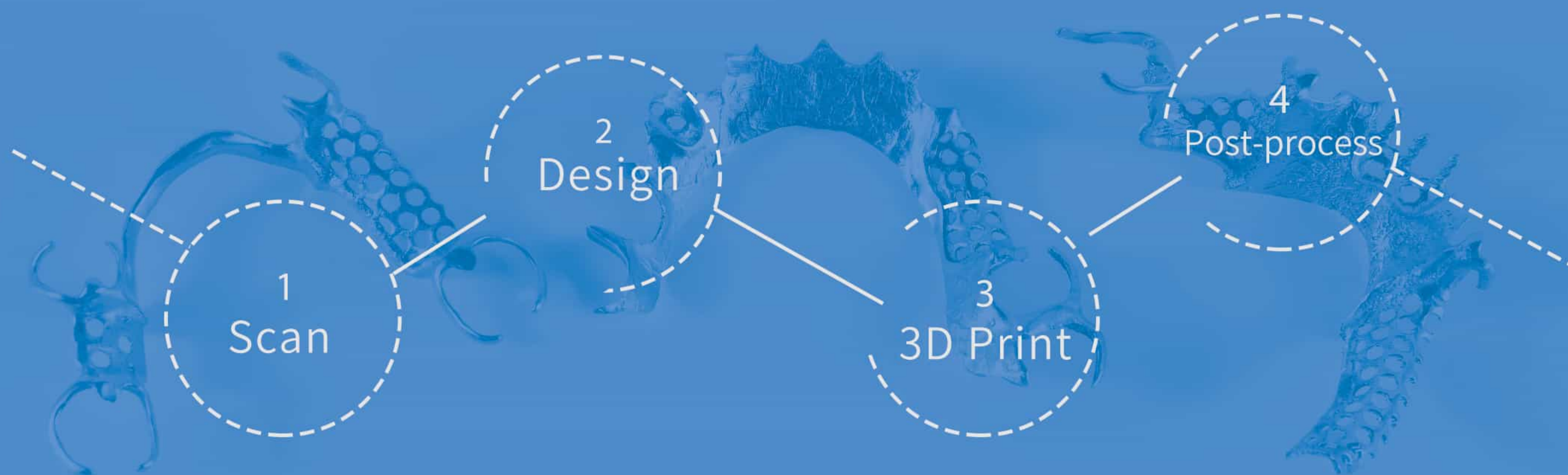
a bright, stain-resistant surface and excellent self-cleaning ability



# Comparison of traditional RPDs and 3D printed ones



Hand-casted RPD	3D Printed RPD
Low efficiency and slow production.	High efficiency with twice as fast as traditional casting.
High skill requirement, complex and demanding manufacturing process with a long production cycle.	Low skill requirements and streamlined production process.
Poor casting flow that is prone to defects such as sand inclusions and air pockets, and susceptible to breakage.	No casting steps, free from sand inclusions and air pockets, excellent plasticity, and elasticity.
Low precision, easily misaligned with low fit accuracy.	High precision, capable of intricate and precise structures with high fit accuracy.
Thicker profile and the thickness exceeding 0.6mm.	Lightweight and thin with wall thickness as low as 0.3mm.
Material wastage, significant waste and environmental pollution.	Material conservation and environmentally friendly.
High release of casting metal ions and relatively poor biocompatibility.	Highly compatible with biological systems.



Nanjing Chamlion Laser Technology Co., Ltd.

Website: [www.chamlion.com](http://www.chamlion.com) Phone: 025-69598899

Email: [sales@chamlion.com](mailto:sales@chamlion.com)

Address: Building 2, Dongcheng, No. 15 Fengji Avenue, Yuhuatai District, Nanjing, China

