

DENTAL PROSTHETICS MOLDS

HEALTHCARE | Dental



BIOTECH DENTAL

Application type:

Final Part: Customized

Material:

HP 3D HR PA 12

Biotech Dental developed and patented a new process to improve dental prosthetics digitalization.

3D PRINT SOLUTION

This process includes the automatic design and printing of a two-part mold to house a metal framework and a composite printed set of teeth.

The two-part mold is closed and the resin is injected and baked. Once finished, the part extracted from the mold is polished and the prosthesis is ready.

For labs, this process requires five to 10 minutes of design and two short appointments for dentists.

TECHNOLOGY COST REDUCTION: 78%

Traditional manufacturing: 250€ / \$287

HP MJF: 55€ / \$63

