

P-FPD Flexible Partial Denture Resin Post-printing Processing Instructions

1, Cleaning

Soak the printed document in alcohol with a purity of 98% or higher and clean it ultrasonically for 30 seconds. After cleaning, allow it to air dry or use a hairdryer to dry it.

2, Curing

There are two methods for UV curing:

The first involves immersing the dried printed parts in glycerin and then placing it in a UV curing chamber. For example, in a 240V UV curing chamber, the recommended curing time is 5 minutes. Users can adjust the curing time according to the power of the curing chamber.

The second method involves placing the dried printed parts in a nitrogen curing chamber. The curing time can be adjusted according to the power of the curing chamber. Based on the power of commercially available curing chambers, a curing time of at least 5 minutes is recommended.

Note: Soaking the printed parts in glycerin for curing helps to isolate oxygen from the air, allowing the printed parts to cure more thoroughly and achieve optimal state and performance. It also prevents the surface of the printed parts from becoming sticky after curing.

3, Removing Supports

When cutting off the supports, be careful to avoid scratching the surface of the printed material. After cutting off the supports, you can use a sander to sand down any excess supports on the surface of the printed material. It is recommended to use a low-speed grinding wheel or carbide file.

4, Setting Teeth

It is recommended to apply an appropriate amount of P-FPD resin to the tooth socket, and then place the printed tooth inside. Be sure to press firmly to ensure the tooth is correctly positioned. Wipe away any excess resin around the tooth, and then place it in a UV curing oven for 3 minutes to cure.

5. Surface Treatment

To make the printed surface shinier, you can wear gloves or use a soft brush to apply a thin layer of resin to the flexible denture base. This will give the denture a smooth and glossy appearance.

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