



YP Resin-base Injector

For Every User



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Shaping the future of premium dentistry

Core technical elements of high-quality removable dentures



- Functional impression is the prerequisite for denture edge sealing



- Determining the jaw position relationship is the cornerstone for stable use of dentures



- Standard tooth arrangement theory and method are the guarantee for the durability and usability of dentures



- "Zero deformation" injection molding system is a necessary condition for realizing the above functions



High -quality adsorption denture soluti

1

Set up

YP synthetic resin teeth



2

Washing

YP synthetic resin teeth



3

Injection

YP.Resin-base Injector
YP dental model resin





YP base resin powder / liquid

Fast heat-setting base tray resin powder 40 minutes fast setting

- **Time and energy saving**

50 minutes less heating than ordinary hot coagulation powder, saving working time and energy consumption.

- **High toughness and unbreakable**

Free fall from 2.5m height, no breakage of the base tray

- **Various translucency options**

Fully transparent color 0, translucent color 1, translucent color 2, translucent color 3, translucent color 4.

- **Dense polymerization without bubbles**

No bubbles visible to the naked eye after polymerization, high qualified rate of finished products.

YP Base Plate Wax

Easy-to-shape beauty

Excellent toughness and plasticity, easy to remove, clean and no residue.

Separator

Easily complete model isolation

The separating fluid has excellent isolating properties and therefore optimally isolates all denture base materials and ensures a smooth surface.



YP. Injector

Continuously pressurized electric heating injection molding machine

2 Flask  Electric Heating

6.5 Bar **0** Steam

In the traditional manufacturing process of removable dentures, the molecules of the base material will shrink during the polymerization process, which will cause the base to deform and affect the processing accuracy.

The fully automatic denture basic injection molding system innovatively changes the way movable dentures are processed

YP. Injector consists of an injection unit, injection bottle and accessories. It realizes fully automated operation through **digital devices and precise temperature control through electric heating**, which **eliminates steam pollution** during traditional processing and allows the base to **fully polymerize, making it simple and fast. High-quality removable denture processing**



Advantages

- **High efficiency, automatic injection molding, mass production**

Adopting digital operation procedures and linking three pieces of equipment, 150 bases can be processed in one day.

- **Low cost, new gypsum embedding process**

Compared with traditional manual injection and silicone embedding processes, the new gypsum embedding process and refined equipment operation can reduce material costs by more than 50% and reduce processing costs.

- **High-precision processing to solve the problem of occlusal elevation**

The entire process is digitalized, and the gypsum embedding process does not require opening the mold box in the middle, which avoids model deformation and improves product quality.

- **Equipped with visual safety door, operation is safe and the process is visible**

By equipping with a safety door, the safety of the operator can be protected while visually displaying the complete processing process.



Fully automatic

One-button operation, three sets of heating programs: flexible operation

High quality

High-density continuous pressure injection molding, precise shrinkage compensation perfectly reproduces the mold taking state

The rubber holder has no waste edges, the surface is smooth and easy to polish, and the adsorption force is stronger

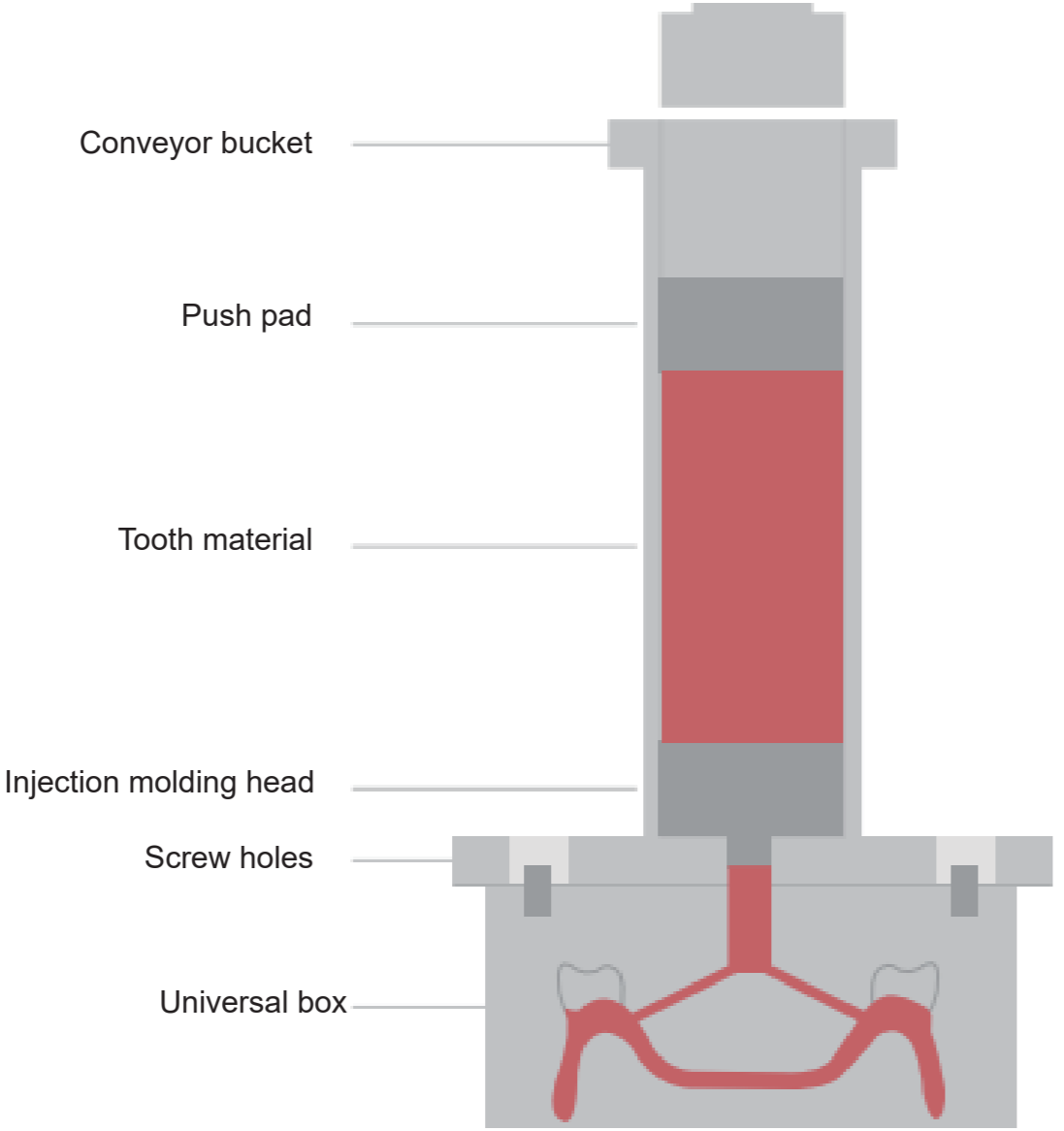
High efficiency

Equipped with 2 sets of independent units, the work flow is the same, and 2 mold boxes can be processed at one time

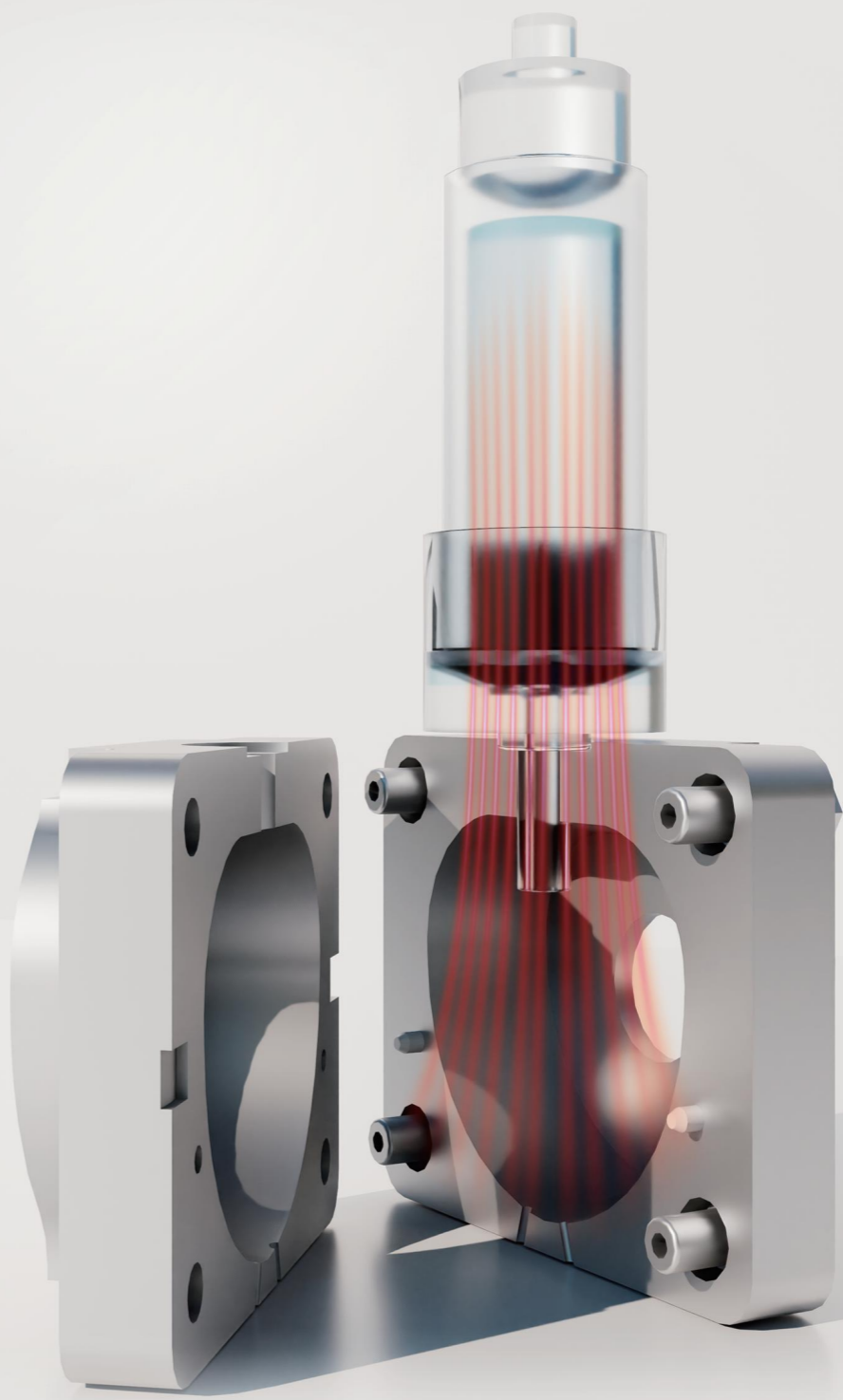


Continuous pressure compensation, zero deformation, tighter

The polymerization shrinkage of the resin can be completely compensated by the subsequent resin pressed in. In this continuous cycle, the shrinkage of the denture will eventually approach zero infinitely;

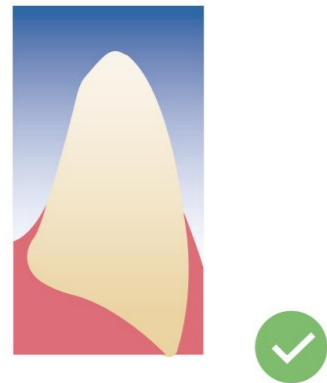


The continuous pressure program causes the material flow to compensate for the volume shrinkage during polymerization. Provides a precise fit of the restoration and an excellent, smooth surface.

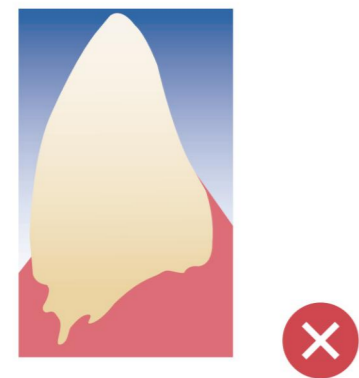


Improve the degree of polymerization of the base, and the bonding force between the resin teeth and the base will be stronger

High-pressure thermal polymerization can not only form a high degree of polymerization of the base, but also create a better bonding effect between the resin tooth and the base.



- The thermally cured monomer reacts deeply and diffuses to the bottom of the resin tooth to form a stronger bond.



- Traditional cold-cured denture base materials

The plastic holder has high density, smooth surface, tight The thermally cured monomer reacts deeply and diffuses to the bottom of the resin tooth to form a stronger bond. edges and stronger adsorption force.

- Controlled polymerization prevents the vertical dimensions of the base from increasing and deforming. Reduce unnecessary subsequent manual grinding and adjustment processes.



- The high-pressure glue injection continuously compensates, and the rear bank area has no shrinkage and deformation, is tighter and more closed, and improves the adsorption capacity of the glue holder.



YP. Injector Parameters

Model : YP. injector

Voltage : 220V

Working Current : 3.9A(MAX)

Power : 850W(MAX)

Maximum Temperature : 110 C

Weight : 23.5Kg

Dimensions(Mm) : 300*400*500

Pressure : 0.6~0.8Mpa

For patients

- Zero deformation, comfortable fit
- Smooth surface to reduce plaque
- Low monomer residue and non-allergenic

For doctors

- The best solution for every type of patient
- High quality, no rework, reducing after-sales problems

For factory

- Save manpower and technology dependence
- Fully automatic operation, time-saving and efficient
- High quality and more stable

