YUWEI





MATERIAL PERFORMANCE&APPLICATION

SINCE 1968

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GLOBAL DENTAL MATERIALS & TECHNOLOGY SUPPLIER

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Company Profile

Founded in 1968, Yuwei Dental boasts an industry legacy spanning over five decades. Integrating production, R&D and sales, we supply professional dental materials and technical services to clients worldwide. To date, we have evolved into one of China' s leading manufacturers of acrylic dentures in terms of production scale.

The company consistently invests heavily in technological innovation and research of dental materials every year, and has obtained numerous patents to this day. We host regular professional training programs on dental techniques annually, with tens of thousands of dentists and dental technicians having attended our courses. A growing number of clients trust and choose Yuwei Dental products. For overseas business, we have obtained multiple quality certifications including ISO 13485, CE and FDA. Our products are sold in more than 100 countries and regions across the globe.

We will continue to uphold the craftsmanship spirit, strive to become a world-renowned supplier of dental materials and technical services, and dedicate ourselves to advancing global oral health.

Corporate Culture
Integrity、Objectivity、Innovation、Dedication

Corporate Vision
To be an international top-class dental materials & technology supplier

Qualification Certificate



CE



FDA



ISO13485



PATENT



silane coupling agent



denture base polymer



Synthetic Resin Teeth



Provisional Crown & Bridge Resin

Corporate Milestones

2026 we successfully launched 3D printing resin.

2025 we successfully launched silane coupling agent and hydrofluoric acid etchant products.

2024 provisional crown & bridge resin and root canal lubricant products were successfully launched.

2023 enamel bonding resin and light-cured pit and fissure sealant products were successfully launched.

2021 denture base polymer products were successfully launched.

2019 a professional complete denture training team was established. Up to now, we have held more than 170 skill training sessions on complete denture fabrication in total.

2018 Yuwei Dental was awarded CCTV Listed Brand, with its products exported to more than 70 countries and regions worldwide.

2017 we successfully launched silicone rubber impression materials, whose performance is comparable to world-famous brands.

2015 our glass ionomer cement products were officially launched on the market, and a new modern production workshop covering 25,000 square meters was completed in the same year.

2013 we took the lead in launching a series of teeth with eight jaw types to meet diverse product demands of customers.

2010 the company launched high-end five-layer resin teeth, filling the domestic gap in the production of high-end resin teeth.

2003 we launched four-layer synthetic resin teeth and realized large-scale production and sales.

1986 Yuwei Dental became one of the first domestic enterprises to obtain medical device production qualifications.

1978 we independently developed two-layer resin teeth.

1968 Yuwei Dental is one of China' s earliest manufacturers of synthetic resin teeth.

3D Printing Resin

One-step Forming, Long-lasting Durability

Crown & Bridge Resin

For accurate, semi-permanent temporary restorations.



For 3D printing single crowns, inlays, onlays, long bridges and veneers.Only simple surface treatment and polishing are required after printing before application, suitable for both temporary and definitive restorations.

Advantages:
- Precise
- Long-term Stability
- Easy to Polish

Applications: Dentures、Crowns & Bridges

Viscosity: Low viscosity enables easier mixing.

Flexural Strength:
High flexural strength ensures the model will not break during normal use.

Flexural Modulus:
High flexural modulus prevents model deformation and maintains precision.

Compressive Strength: 220 Mpa
Flexural Strength: 195 Mpa







Denture Base Resin

Designed exclusively for removable denture bases.



This material boasts excellent mechanical properties and is suitable for printing base plates of fully edentulous suction removable dentures.

Advantages:
- Long-term Stability
- Low Shrinkage Rate
- High Precision
- High Detail Reproduction

Applications: Removable Denture Base

Viscosity: Low viscosity enables easier mixing.

Flexural Strength:
High flexural strength ensures the model will not break under normal use.

Flexural Modulus:
High flexural modulus prevents model deformation and guarantees precision.

Compressive Strength: 220 Mpa
Flexural Strength: 195 Mpa





Gum Staining Kit

- 10ml Dark red
- 10ml Light pink
- 10ml Lilac
- 10ml Dark blue
- 10ml Gum OP
- 20ml Bionic pink
- 12.5ml Glaze Liquid

Teeth Staining Kit

- 10ml White
- 10ml Dark Brown
- 10ml Lilac
- 10ml Dark blue
- 10ml Lihgt Yellow
- 20ml Earthy Yellow
- 12.5ml Glaze Liquid









Staining Kit

Stain &Surface Characterization Kit
- Light-curing stain system for resin-based prosthetics
- Designed for surface characterization and color enhancement of PMMA and composite resin prosthetics.
- Supports metal masking with opaque shades
  Smooth application with stable shadeafter curing
  Complete kit for staining and surface finishing workflows

Recommended Use
- Characterization of full-contour PMMA and composite restorations
- Staining of provisional crowns and aesthetic zones
- Metal masking when used with Bond

Product Parameters
- **Color Fastness:** ΔE < 1 after curing (long-term colorfastness)
- **Permeability:** Can penetrate 50-100μm intothe resin surface
- **Biosafety:** Complies with ISO 10993-10 (no heavy metal pigments)

Glaze Liquid



Specifications: 1ml, 5ml, 10ml, 12.5ml, 20ml

Validity period: 3 years

Usage: Apply evenly to the areas you want to brighten, then irradiate for two minutes in a UV curing machine.







CERAMIC SYSTEM



Grinding & Polishing System

Resin Staining System



Basic System



Tooth Shade System



Gum Shade System



Flowable Resin System



PMMA Block & Disc System



Poly-ceramic is an ultra-high-strength resin-ceramic composite system filled with 75% micro-ceramic fillers to deliver superior surface wear resistance, excellent polishability and anti-plaque performance.

While retaining the high strength, outstanding abrasion resistance and long-term color stability of ceramics, poly-ceramic also combines the high toughness and ductility of resin materials. It cures under blue light at room temperature, eliminating deformation caused by high shrinkage during high-temperature sintering of porcelain and all-ceramic restorations, thus guaranteeing high precision of prostheses. It features easy operation and a wide range of clinical applications.

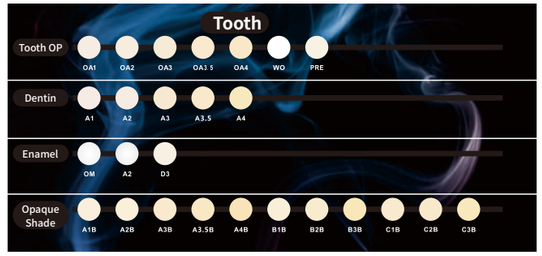
Physical Data

	Polymeric Porcelain	Flowable Poly-Ceramic	Flowable Poly-Ceramic
Vickers Hardness (Mpa)	745	345	410
Compressive Strength (MPa)	356	278	310
Flexural Strength (MPa)	147	135	145
Toothbrush Abrasion (wt%)	0.51	0.9	0.7
Stain Resistance (ΔE)	9.2	9.2	6.1

Color Concept

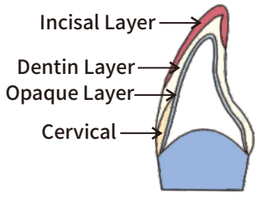
The Poly-Ceramic System consists of two shade series: gingival and tooth. All shades are logically arranged. Similar to most ceramic powder systems, it provides a variety of personalized, translucent and opaque modifier shades, enabling the creation of all complex natural shade effects.



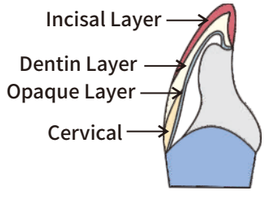


Simple Layer Build-up Technique

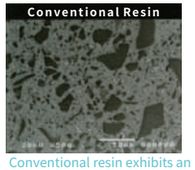
Simple layering build-up with Poly-Ceramic opaque, dentin and incisal pastes allows technicians to achieve natural esthetic results comparable to ceramic powders.



Full Crown



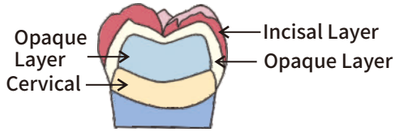
Metal Substructure Crown

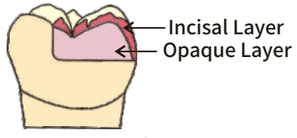


Conventional resin exhibits an uneven structure between glass fillers and matrix.

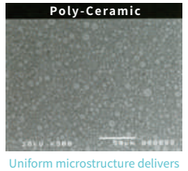
【Indications】

- Crowns and bridges reinforced with metal or fiber
- veneers and full crowns,
- veneers for telescope crowns and implant abutments





Dentin Intensive/
Deep Dentin Intensive



Uniform microstructure delivers excellent physical properties.

【Indications】

- Inlays and onlays
- adjustment of conventional acrylic resin teeth
- repair of ceramic or indirect restorations
- modification of Malo bridge frameworks

System Composition

The materials contained in the poly-ceramic system kit are reasonably formulated to fabricate high-quality and durable restorations through simple and efficient procedures.

【Spacer】

A film is formed after application, ensuring sufficient space for luting cement during final crown cementation, especially for non-metallic restorations. The separating liquid will not alter the shade of the restoration during lay-up.



【Separator】

Apply separating agent near the margins and allow it to dry.It forms an isolating film between two identical or dissimilar materials, or between material and mold, preventing adhesion between materials or between material and mold.



【Opaque】

Poly-ceramic opaque is available in two shade series: gingival and body. It is a flowable opaque containing special light-transmitting fillers that can flow into the undercuts of retention beads to create a tightly bonded surface.Apply one to two coats as needed to fully mask the color of the metal framework and achieve an ideal masking effect.



Core OP



Gum Color OP



【Opaque Layer】

Poly-ceramic opaque solids feature a high filler content, so only several thin coats are required to reproduce superior shades. Cervical solids also help achieve precise color matching with natural teeth. Gingival solids can be layered to form gingival margins and recreate lifelike bony eminences.





【Modelling Liquid】

When additional solid shaping is required after grinding and contouring, use it as a wetting agent on the ground surface of the restorative resin to enhance bonding performance.



【Incisal/Translucent Layer】

Poly-ceramic incisal and translucent shades deliver opalescent effects, closely mimicking the color of natural teeth.Gingival Solid (Y21) can be layered to fabricate gingival epithelium, recreating a lifelike overall appearance of natural gingiva.and mold.





【Flowable Poly-ceramic】

It boasts excellent flowability, facilitating application and lay-up in complex anatomical areas that are hard to reach with instruments, such as inlays and gingival papillae.

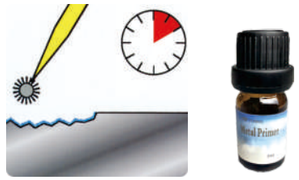




Its high flowability enables precise lay-up in cavity areas inaccessible to instruments.

【Metal Primer】

The opaque layer achieves excellent and long-lasting bonding performance with all dental alloys and zirconia.



Apply metal conditioner onto the clean technical surface and leave it for 10 seconds.

【Ceramic Resin Adhesive】

This material is applied for dental restoration and treatment. It can be used to bond restorative materials on teeth and boost the bonding strength between restorations and dental tissues.



【AIR-BLOCK STRIP】

Apply oxygen inhibitor gel prior to final curing. It protects the resin surface during polymerization and prevents the formation of an uncured layer caused by oxygen interference. This saves polishing time and preserves the finely carved details.



Material Selection

Conditioners matched to different materials allow lay-up on all types of inner crown substrates.



Fully Automatic Light Curing Unit



Equipped with four customized high-power blue halogen lamps, the focused irradiation spot targets the rotating worktable with a diameter of 10 cm. At the standard working height of 8 cm, the light intensity reaches 8 W/cm, over 10 times that of comparable LED products.

Technical Parameters

Dimensions: W 330mm x D 370mm x H 440mm
Weight: Approx. 13.4kg
Rated Power Supply Voltage: 200V–240V, 50/60Hz
Lamp: 220V halogen lamp
Wavelength: 440–485nm

3F1 Dual-Cure is a fluoride-releasing, radiopaque self-etch and self-adhesive resin cement. Supplied with automix delivery tips, it offers a working time of 1.5 to 3.5 minutes under ambient light (temperature-dependent). Its intraoral self-cure time ranges from 2.5 to 4.5 minutes. Prior to removing excess cement, you may wait until the material reaches a tacky cure state, then perform marginal light curing using halogen, plasma arc or LED light curing units.

3F1 Dual-Cure Resin Cement





- For opaquing implant frameworks and bridge frameworks
- Direct bonding without opaque coating (OP)
- Firm bonding after 3 minutes of light curing

3F1 Dual-Cure Resin Cement is supplied as a kit,containing one automix syringe (4.5g x 2) and 10 automix delivery tips.
Four shades are available: Transparent, Opaque, Tooth Shade and Gingival Shade.

Shade Guide



Technical Data

Compressive Strength	180Mpa
Flexural Strength	170Mpa
Water Absorption	8ug/mm
Solubility	1ug/mm
Bond Strength to Unetched Enamel	>20Mpa
Bond Strength to Unetched Dentin	>15Mpa
Film Thickness	10um
Radiopacity (Al Equivalent %)	250
Setting Time (Intraoral Temperature)	2.5–4.5 minutes
Compatible with halogen lights	Yes
Compatible with plasma arc lamps	Yes
Compatible with LED lights	Yes

Indications

1.Bonding dental crowns, bridges, inlays and onlays.
2.Bonding ceramic crowns.
3.Bonding posts and post cores.

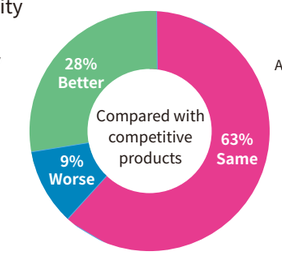
Features

1.No etching, primer or adhesive pre-treatment required prior to cementing permanent restorations.
2.Self-curing resin cement that achieves instant hardening and enhanced marginal strength via light curing.
3.Radiopaque – clearly visible on radiographs.
4.Fluoride releasing – proven to reduce secondary caries risk and aid caries prevention.
5.Automix syringe design – saves chair time and ensures consistent mixing ratio.
6.Virtually tasteless and odorless – improves patient comfort.

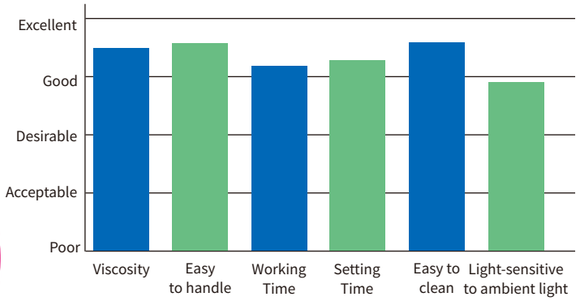
Highlights

Compatible with halogen lights, LED lights and plasma arc lamps.

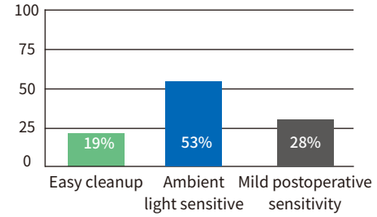
1.Easy delivery and placement
2.Optimal viscosity
3.Radiopaque
4.High efficiency
5.Easy cleanup
6.Dual cure



Main Features



Percentage of clinicians willing to switch or recommend





Clinician Comments

1. “An excellent product for short crown fabrication and post cementation.”
2. “Superior viscosity – it stays in place after placement.”
3. “It works wonderfully for bonding translucent posts, though the material cures rapidly under ambient light.”
4. “Favorable radiopacity.”
5. “The supplied mixing tips perform excellently.”
6. “Its translucent shade is ideal for porcelain veneers, ceramic inlays and onlays.”
7. “I wish there were no waiting time prior to tack cure.”
8. “The working and setting times of the self-cure mode are somewhat too short”

Clinical Instructions

1.Allow the material to reach room temperature after taking it out of the refrigerator for easier handling.
2.Note that a longer setting time is required for metallic restorations.
3.Wait 5 seconds for tack cure before removing excess cement.
4.Avoid shining the operating light directly onto the syringe during manipulation; take extra caution if your loupes are equipped with built-in lights.

Indications:

For bonding metals, oxide ceramics (zirconia/alumina) and resins containing inorganic fillers, applicable to crowns, bridges, inlays and onlays.

Package:9g x1 syringe , 9g x 2 syringes

Performance Features:

Dual-cure resin cement; no pretreatment of abutments or restorations required during application.Excess cement can be easily removed without shifting the restoration position.Radiopaque for X-ray visibility.Slow fluoride ion release.

Exhibits opalescent effect for a more lifelike and natural appearance.



Denture Base Polymer -Heat-Curing





Color: 1F,2F,3F,4F,5F,6F,7F,0#,1#,2#,3#

Package :
Powder:1000g/Bottle Liquid:1000ml/Bottle

Advantages:
- No bubbles & Easy to polish
- High strength & Good crack resistance
- Stable Color

Technical Data:

	Fast Heat Curing	Traditional Heat Curing	Self-Curing
Mixing Ratio (Powder: Liquid)	100:45	100:43	100:45
Mixing Time	1-5mins	1-5mins	1min
Dough Time	10-15mins	10-15mins	1min
Working Time	15-20mins	15-25mins	1min
Curing Time	25mins	60mins	2-4mins

Denture Base Polymer-Self-Curing



Application:
- Personalized trays can be made,and full dentures can be repaired.
- At the same time,it can also be used to make temporary inlays,high inlays,and pre-formed crowns.
- Adjustment of the occlusal surface of resin teeth.

Performance Characteristics:
- Rapid curing
- Good volume stability
- Excellent durability

Denture Base Polymer-High Impact Resistance



Package : 500g powder&500ml liquid

Performance Characteristics:
- Impact resistance
- Longer operation time
- Good constant temperature

Orthodontic Material



Application: For fabricating orthodontic appliances

Package :
Powder: 80g, 1kg, 25kg, 50kg
Liquid: 40ml, 500ml, 1L, 25L

Performance Features:
- Ultra-high molecular weight for superior transparency
- High fluidity enables easy handling with bright, diverse color options
- Enhanced biological safety。



Temporary Denture Base Material



Applications:
It is used to make temporary bases during the production of full dentures and can replace traditional wax bases

Curing Time: 6 minutes

Package : 80g powder + 40ml liquid
1kg powder + 500ml liquid

Performance Features:
- Not easy to deform, simple to operate and convenient to use.
- High precision when used in combination with soft lining materials, which can replace wax trays.
- When used in combination with soft lining materials, it can be used to make temporary base for recessed larger alveolar ridges.

Flexible Material



Indication: Used for flexible denture

Package : 100g, 1kg, 25kg, 50kg

Performance Characteristics:
- High glossiness, not easily discolored even after long-term wear
- Having appropriate hardness and good elasticity
- Excellent biological safety
- Can make transparent hooks
- Elastic dentures can be repaired

Zirconia Bonding Agent

Bonding is a critical factor affecting the success of all-ceramic veneer restorations. Despite continuous innovations and advances in bonding techniques, debonding of veneers still occurs frequently in clinical practice, especially for zirconia veneers. So how can we overcome this technical challenge?

To meet the restorative demands of dentists and patients, Yuwei Zirconia Bonding Agent has been developed accordingly. It forms an ultra-thin lithium disilicate adhesion coating for zirconia surface modification, which bonds tightly and uniformly to zirconia to deliver strong and long-lasting bonding force. Its nano-scale ultra-thin coating will not interfere with the clinical seating of restorations, effectively solving the technical difficulties in zirconia bonding.







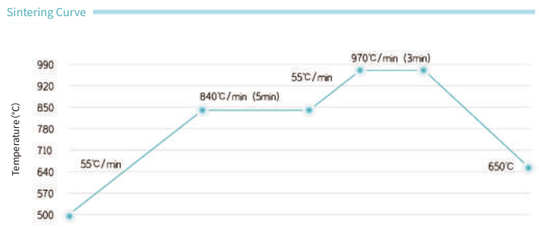
Applications:

Effective for all insufficient bonding issues associated with zirconia materials, especially suitable for restorations made of zirconia such as veneers and inlays.

Features:

- The lithium disilicate adhesive coating tightly and uniformly adheres to the inner surface of zirconia, delivering a remarkable improvement in zirconia bond strength.
- It adopts the same clinical bonding protocol as glass ceramics. The ultra-thin nano-scale lithium disilicate coating greatly increases the specific surface area and surface porosity of zirconia and optimizes surface roughening, enabling effective acid etching performance.
- It provides strong and long-lasting bonding performance comparable to glass ceramics.
- The nano ultra-thin coating will not interfere with clinical seating of restorations.
- Brush-on application is simple and efficient. It allows technicians to operate with familiar procedures while achieving superior bonding results.
- It contains a biocompatible red indicator. Technicians can visually adjust coating thickness based on color depth to improve coating uniformity.

The product is supplied in paste form, which prevents health hazards caused by inhalation of mist residues that may occur during spraying operations. It is packaged in tubes without high-pressure filling and contains no flammable ingredients, thus eliminating transportation risks.





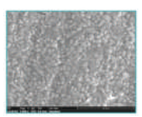
Zirconia Veneers



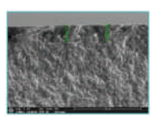
Picture of the veneer after brushing zirconia bonding agent



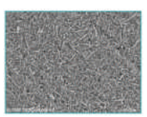
Zirconia veneer after acid etching with coating applied



Electron micrograph of dense crystalline structure of zirconia (5000× magnification)



Electron micrograph showing coating thickness of Yuwei Zirconia Bonding Agent (2000× magnification)



Electron micrograph of zirconia surface treated with Yuwei Zirconia Bonding Agent and acid etchant (5000× magnification)



Restoration Treatment Thoroughly clean the inner surface of the veneer with water.

Wait until the restoration is completely dry.

Fix with bonding stick

Apply the bonding primer to the surfaces to be bonded.

Place the restoration coated with bonding primer on high-temperature cotton and a sintering tray.

Sintering(Place the sintering tray into the porcelain furnace)

Complete sintering effect

Contouring and Glazing

Glaze Kit

Glaze Kit

Glaze Kit



Product Advantages

Simple Operation
Innovative paste with moderate fluidity that spreads evenly with one swipe, easy to handle for all users.

Universal Compatibility
Breaking the boundaries of materials, it delivers consistent luster to prostheses of all materials and meets the expectations of operators with varying skill levels.

Realistic Texture
Stable and reliable high-gloss finish. What you preview is the final result, delivering true "what you see is what you get".Lifelike restoration with every detail flawless under close inspection.

Frequently Asked Questions about Product Usage

Q:Regarding Sintering Temperature
The recommended sintering temperature is 800°C, with a sintering range of 760–920°C.

Q:Insufficient gloss
Adjust the consistency of the material appropriately to a slightly stringy state, which can effectively enhance gloss.

Q:Bubbles form after sintering
This is mostly caused by repeated furnace sintering.
If the gloss meets the standard after the second glazing sintering, skip the application of clear glaze and only use adjusting liquid.
If bubbles are generated due to accumulated clear glaze caused by rough surfaces from porcelain grinding, sandblast the surface before glazing or polish it with fine grinding burs.

Q:White marks appear after sintering
This usually results from over-thick paste; dilute it with adjusting liquid to resolve the issue.

Q:Uneven color after sintering
This is mostly caused by failure to dilute with adjusting liquid.
It is recommended to dilute with adjusting liquid to improve color uniformity.

Q:Slight particles on the clear glaze surface
No residues remain after sintering and it will not affect normal use.



Indications:
Fully and partially anatomical crowns and bridges
Colors:
VITA 16 A1-D4 Colors, Clear & Bleach
Thickness:10mm–35mm

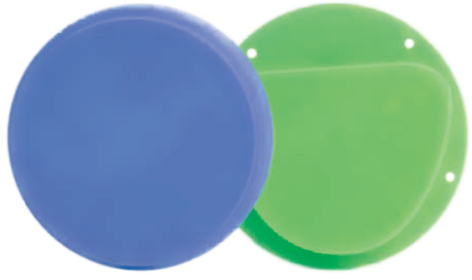
Advantages:
- Good anti-dyeing performance
- High flexural strength
- Wide Color range



Technical Data

Flexural Strength	>100Mpa
Elasticity Modulus	>2200Mpa
Water Absorption	<20ug/mm^3
Water Solubility	< 0.8ug/mm^3
Residual Monomer	<1%
Composition	PMMA99.7%, Pigments<0.5%

Wax Block



Indications:
For casting crowns, pontics and frameworks

Colors: Green， blue

Specifications:
Diameter: 98mm / 95mm / 89mm
Thickness: 10mm–30mm

Why Choose YUWEI PMMA Blocks

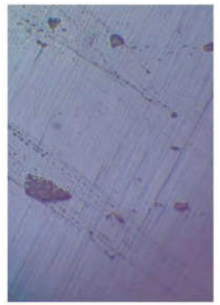
Excellent raw materials ensure perfect product performance

Through the picture of the microstructure, we can see that some brands products have many defects. Brand A even use the industrial material. This raw material will greatly affect the health of patients. The raw materials of Yuwei products are strictly inspected to ensure product quality, especially its dense internal structure ensures sufficient strength and good anti-dyeing performance.

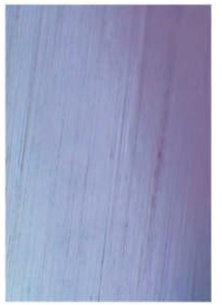
Observe the product structure in a microscopic state



Brand A



Brand B



YUWEI

Unique Layered Design

Our multi-color resin cake adopts a unique layered design, which can not only be used for the production of temporary crowns and bridges, but also can be used to carve andmake full dentitions, thus helping you realize the production of digital full dentures.



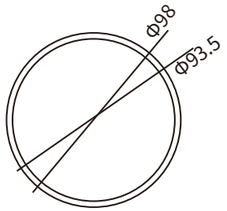
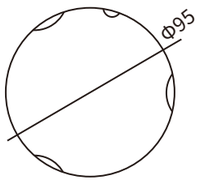
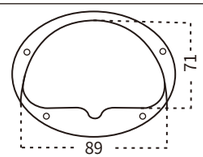
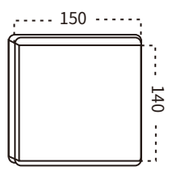




Wide Range of Color Options, Including VITA 16 Shades



Product Compatibility

SYSTEM	DIMENSION	MONOLAYER	MULTILAYER	CLEAR
	98x10 (mm)	√	√	√
	98x12 (mm)	√	√	√
	98x14 (mm)	√	√	√
	98x16 (mm)	√	√	√
	98x18 (mm)	√	√	√
	98x20 (mm)	√	√	√
	98x22 (mm)	√	√	√
	98x25 (mm)	√	√	√
	98x30 (mm)	√	√	√
	95x10 (mm)	√	√	√
	95x12 (mm)	√	√	√
	95x14 (mm)	√	√	√
	95x16 (mm)	√	√	√
	95x18 (mm)	√	√	√
	95x20 (mm)	√	√	√
	95x22 (mm)	√	√	√
	95x25 (mm)	√	√	√
	95x30 (mm)	√	√	√
	89x71x13 (mm)	√	√	√
	89x71x20 (mm)	√	√	√
	150x140x20 mm	√	√	√
	150x140x25 mm	√	√	√
	150x140x30 mm	√	√	√
	150x140x35 mm	√	√	√

Separate Agent (A)



Indications: For separating various dental model materials and wax patterns; for separating gypsum and resin.

Package & Model: 500ml/bottle; Type A

Product Introduction:

- It features moderate viscosity for effortless application.
- The separator comes with a highly visible tint, allowing you to quickly check if the gypsum surface is evenly coated without missing any spots.
- It forms a sturdy separating film on plaster surfaces. After separation, the surface stays smooth, delivering a polished tissue surface and superior adaptation for denture bases.
- This drastically cuts down polishing time, labor costs and bur consumption, saving both time and manpower.

Separate Agent (B)



Indications:

Used to separate denture bases from plaster, as well as flasks from plaster.

Package & Model: 1000ml/bottle; Type B

Application Instructions:

- Before the plaster model cools completely, apply an even layer of separator to the plaster surface with a brush.
- Add resin only after the separator is fully dried.

Product Introduction

- It forms an ultra-thin and highly precise separating film with moderate viscosity for effortless application.
- The separator features a distinctive tint, allowing technicians to easily inspect the plaster surface for uniform coverage and any missed areas.
- It creates a tough isolating membrane on gypsum surfaces. After separation, the surface remains smooth, delivering polished tissue surfaces and excellent adaptation for denture bases.This drastically reduces polishing time, labor input and bur consumption, saving both time and labor costs.

Separate Agent (C)



Indications:

- Orthodontic appliance manufacturing: Separation between clear aligners, colored appliances, retainers and resin models.
- Removable denture fabrication: Separates removable bases from resin models while preserving the precision of tissue surfaces. Compatible with both silicone embedding injection molding and traditional water-bath heat curing processes.
- Fixed restorative fabrication: Separation of crowns, bridges, inlays, veneers from resin models.

Package & Models: 100ml/bottle, 1000ml/bottle; Type C

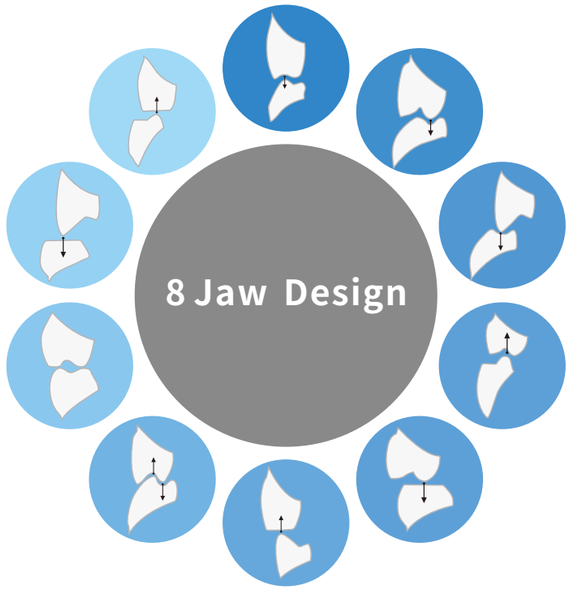
Product Introduction:

This is a professional separator for 3D printed dental resin models. It rapidly forms a stable isolating film on the surface of resin models, effectively eliminating adhesion between resin models and orthodontic resin, self-curing resin, heat-curing resin as well as light-cured resin, enabling easy and damage-free separation.



Eight-jaw design meets the needs of different alveolar ridge shapes

The unique and multi-faceted jaw design reduces the time for jaw adjustment, even without jaw adjustment. Greatly improve the work efficiency of doctors and reduce the number of patient follow-up visits.

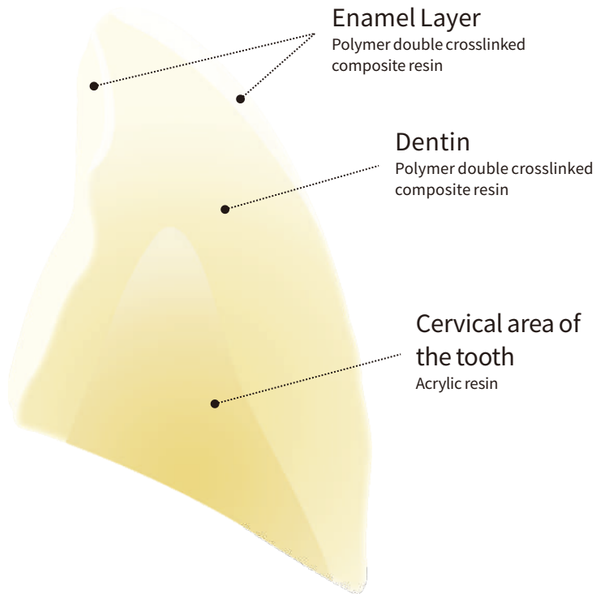


TEETH CABINET
（380mmx175mmx210mm）



LOOSE TEETH CABINET PACK
（295mmx200mmx130mm）



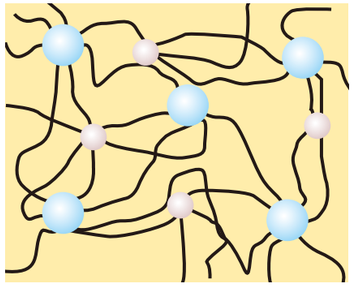


Imitate the shape of natural teeth for personalized design

- Authentic surface morphology is individually designed for each tooth.
- Optimally coordinated opalescence, luminescence and translucency for a nuance-rich play of colors, identical to nature
- Particular emphasis has been placed on a nature-identical design of the tooth surfaces, the marginal ridges and all angular features.

Using superfine filler reinforced polymer resin

The material is a PMMA-based polymer network into which inorganic microfillers with optimally balanced particle size distribution and so-called PMMA pearls are permanently integrated. The result is highly cross-linked composite material with outstanding abrasion and material strength.

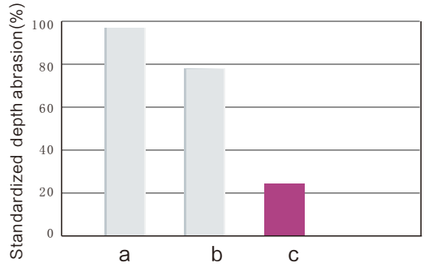


PMMA pearls, swollen with monomers and incorporated in the polymer network

cross-linked monomer

inorganic microfiller, incorporaten into the polymer network

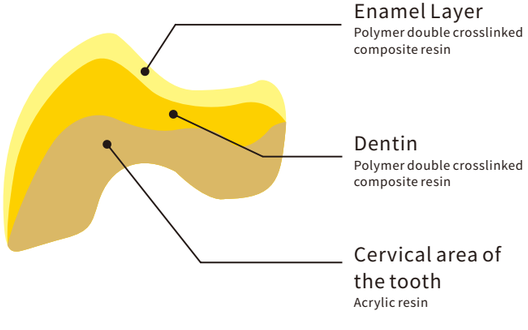
Long term high wear resistance



a. corss-linked PMMA

b. highly cross-linked PMMA

c. nanohybrid/nanofilled compostie



ECOSTAR



Mould	Upper Anteriors 385 390 419 425 426 438 447 468 448 490 501 503 Lower Anteriors 22 25 33 37 38 67 88 Posteriors 28 30 32 34 36
Material	Double Cross Link Material
Color	VITA 16 Colors
Angle	30°
Layer	Two Layers
Packing Spec	6x1 8x1 28x1

SUPLAR



Mould	Upper Anteriors 419 425 438 447 468 501 503 Lower Anteriors 25 37 67 88 Posteriors 30 32 34 36
Material	Double Cross Link Material
Color	VITA 16 Colors
Angle	30°
Layer	Three Layers
Packing Spec	6x1 8x1 28x1

NEPUTAS



Mould	Upper Anteriors SS3 SS4 SS5 HC3 HC4 HC5 HT3 HT4 HT5 Lower Anteriors SS3 SS4 SS5 HC3 HC4 HC5 HT3 HT4 HT5 Posteriors S28 S30 S32
Material	Nanofilled Composite
Color	VITA 16 Colors
Angle	30°
Layer	Four Layers
Packing Spec	6x1 8x1 28x1

PHYSIOCA



Mould	Upper Anteriors M1 M2 M3 M4 M5 R1 R2 R3 R4 R5 R6 R7 R8 R9 J1 J2 J3 J4 J5 J6 Lower Anteriors AL1 AL2 AL3 AL4 AL5 AL6 AL7 AL8 AL9 AL10 AL11 AL12 Posteriors 7 8 9 10 11 12 13 14 15 16
Material	Double Cross Link Material
Color	VITA 16 Colors
Angle	0° 15° 28° 30° 33°
Layer	Five Layers
Packing Spec	6x1 8x1 28x1

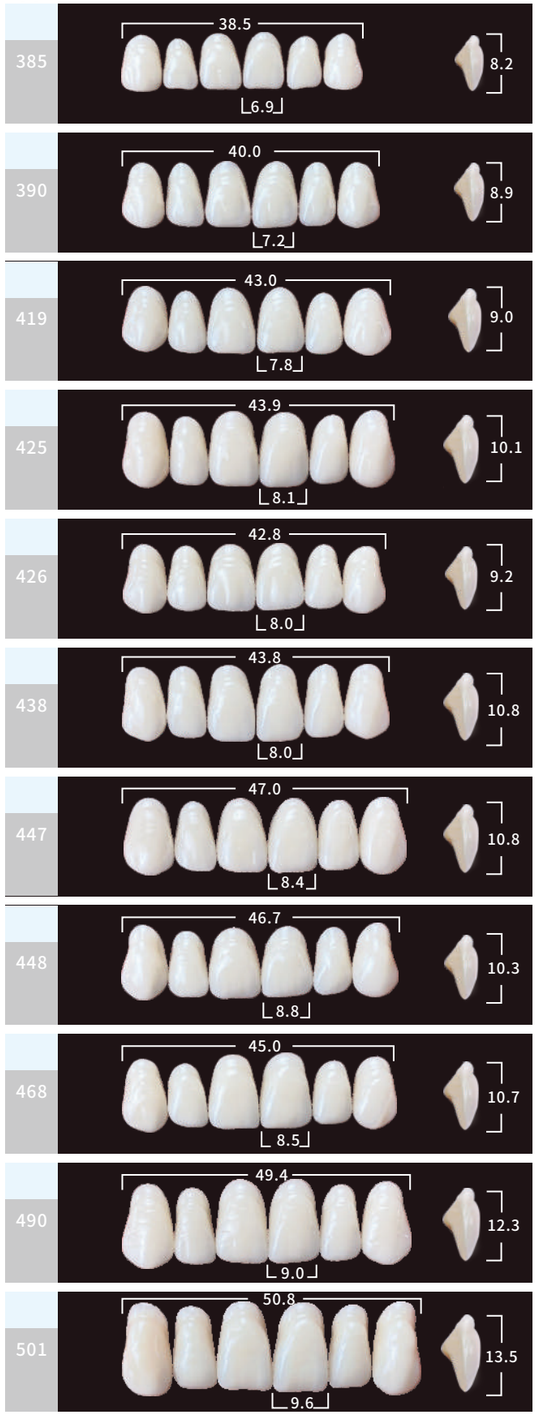
TYPLUS



Mould	Upper Anteriors IO1 IO2 IO3 IO4 IS1 IS2 IS3 IS4 IT1 IT2 IT3 IT4 Lower Anteriors IL1 IL2 IL3 IL4 Posteriors 31 32 33 34 35 36
Material	Double Cross Link Material
Color	VITA 16 Colors
Angle	30°33°
Layer	Five Layers
Packing Spec	6x1 8x1 28x1

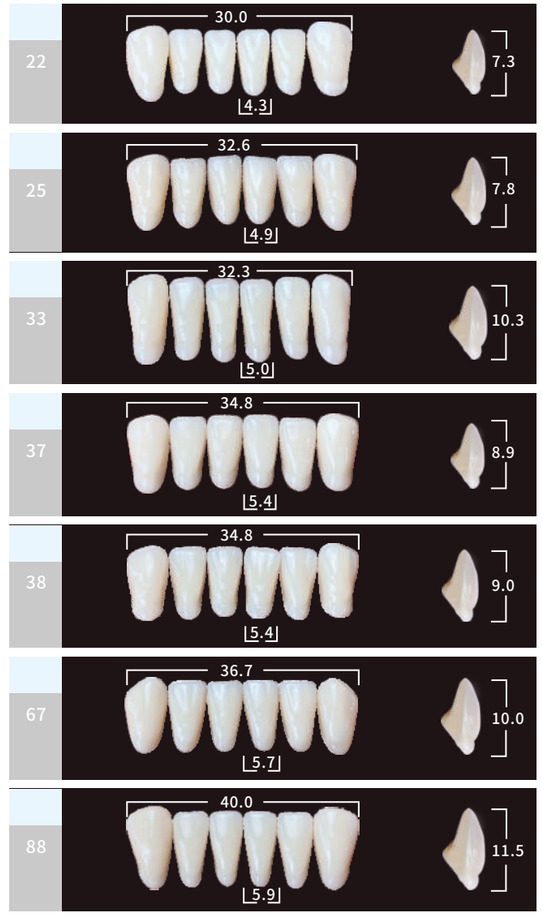
Ecostar Mould Chart

Upper Anteriors



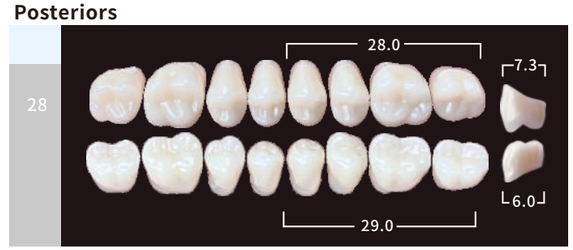
Ecostar Mould Chart

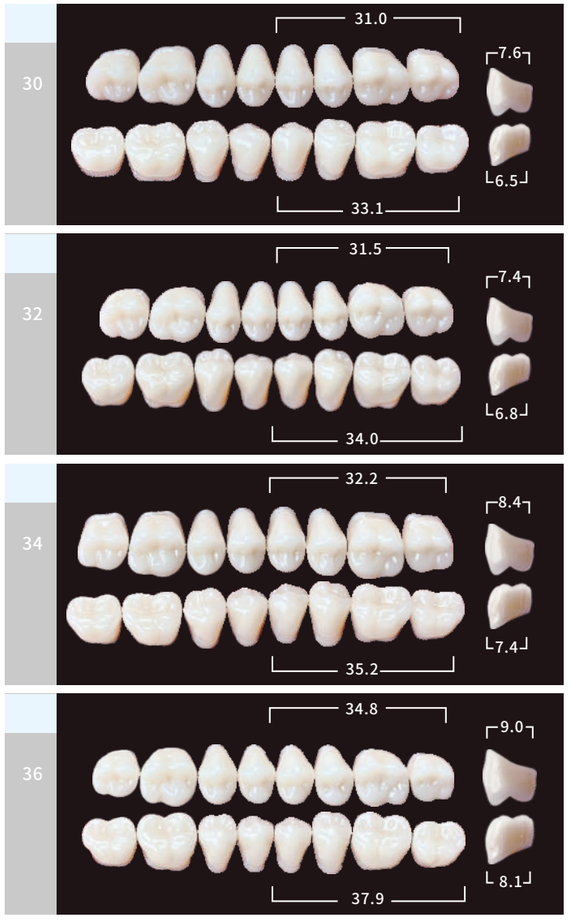
Lower Anteriors



Ecostar Mould Chart

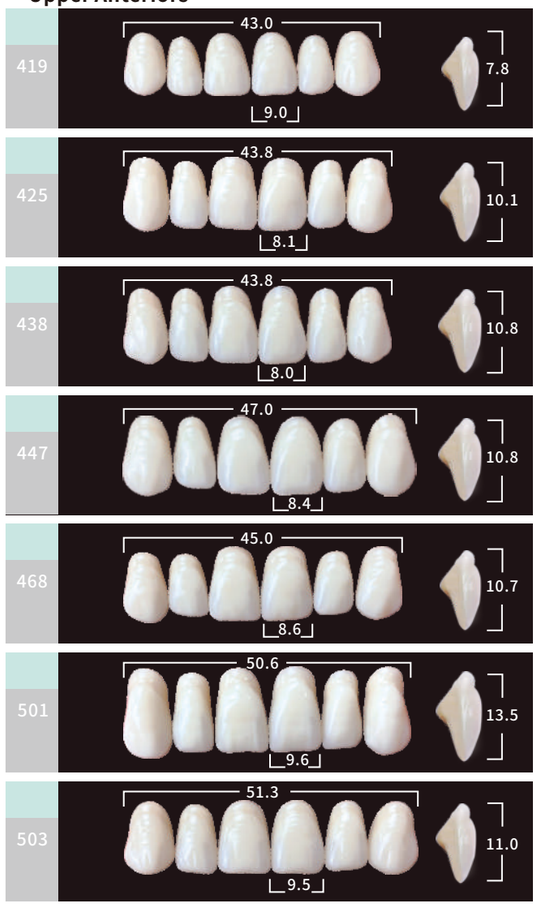
Posteriors





Suplar Mould Chart

Upper Anteriors

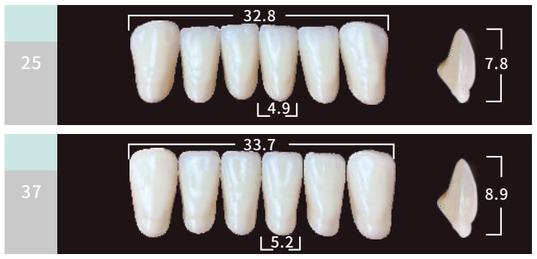


Ecostar Combinated Articulations

Upper Anteriors	Lower Anteriors	Posteriors
385	22	28
390	25	28
419	25	30
425	37	32
426	25	30
438	37	32
447	67	34
468	67	34
448	38	32
490	88	34
501	88	36
503	88	36

Suplar Mould Chart

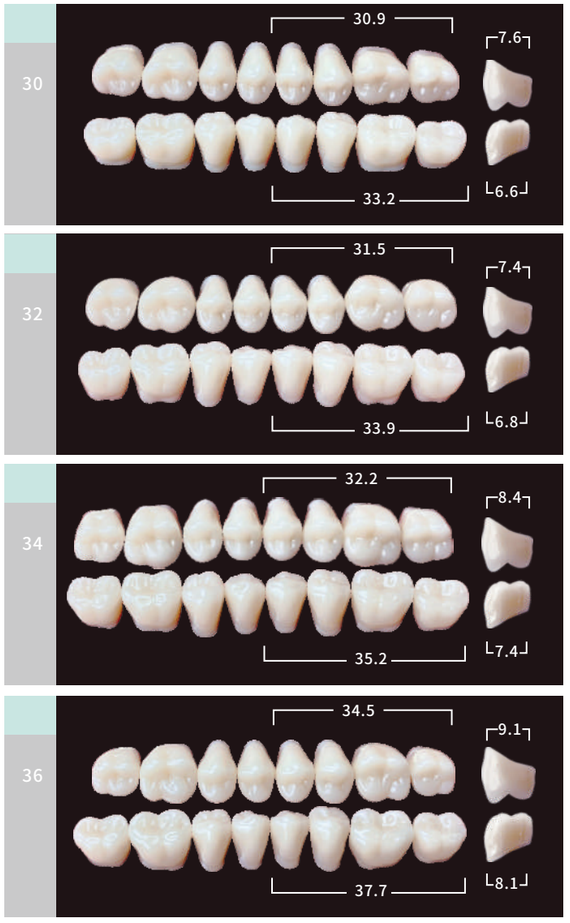
Lower Anteriors





Suplar Mould Chart

Posteriors

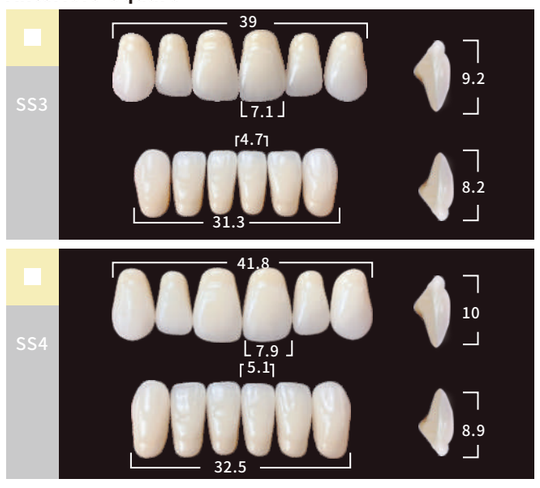


Suplar Combinated Articulations

Upper Anteriors	Lower Anteriors	Posteriors
419	25	30
425	37	32
438	37	32
447	67	32/34
501	88	36
503	88	36
468	67	34

Neputas Mould Chart

Anteriors-Square





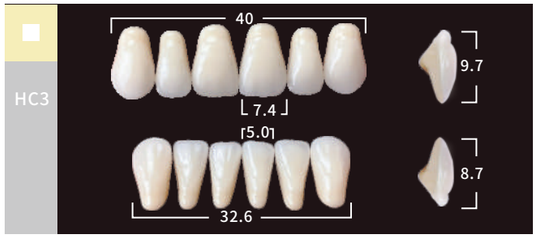
Neputas Mould Chart
Anteriors-Tapering







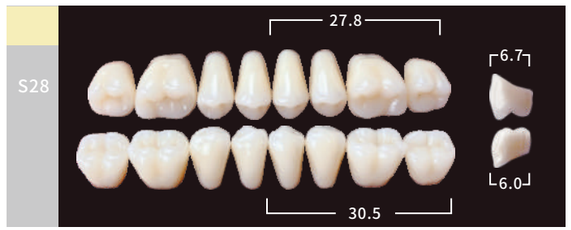
Neputas Mould Chart
Anteriors-Combination



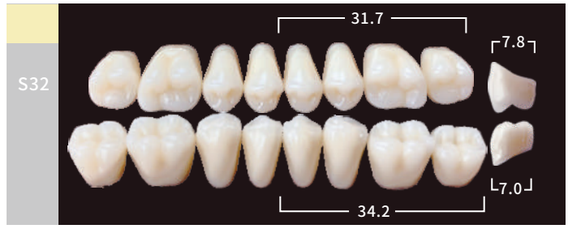




Neputas Mould Chart
Posteriors







Neputas Combinated Articulations

Upper Anteriors	Lower Anteriors	Posteriors
SS3	SS3	S28
SS4	SS4	S30
SS5	SS5	S32
HC3	HC3	S28
HC4	HC4	S30
HC5	HC5	S32
HT3	HT3	S28
HT4	HT4	S30
HT5	HT5	S32

Physioca Mould Chart
Upper Anteriors



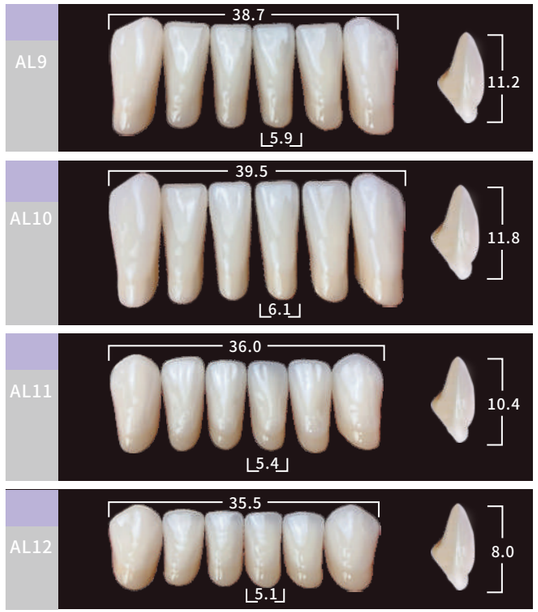




Physioca Mould Chart

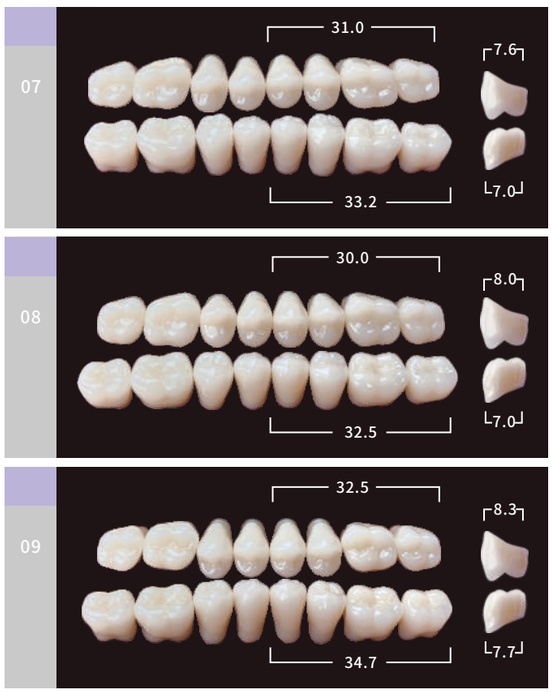
Lower Anteriors

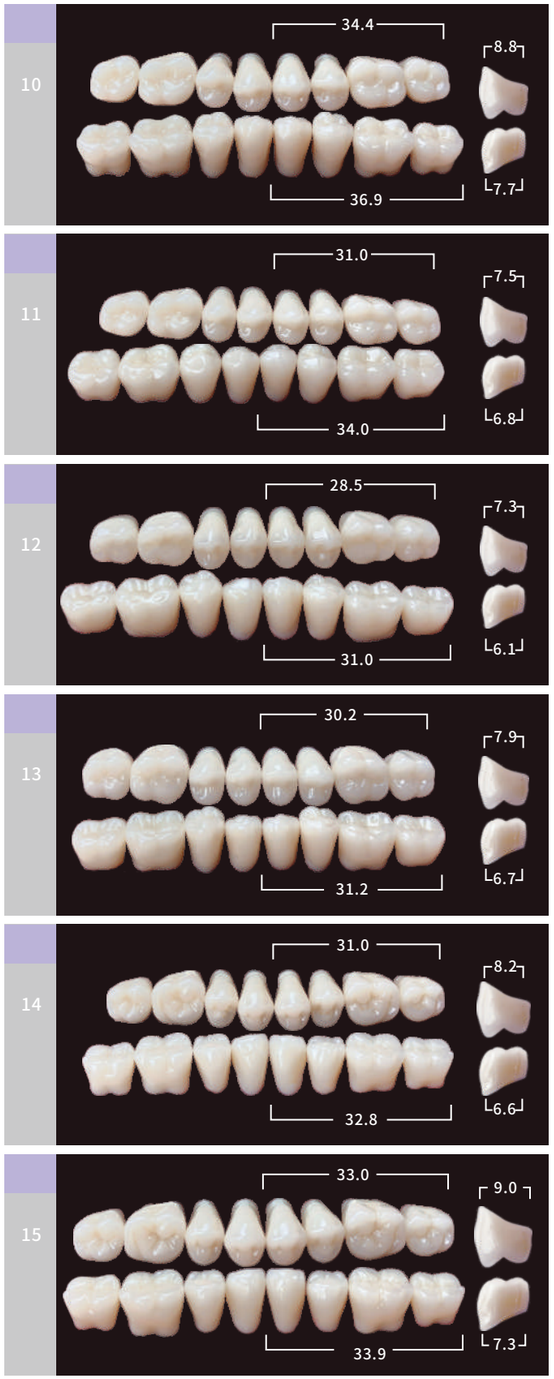


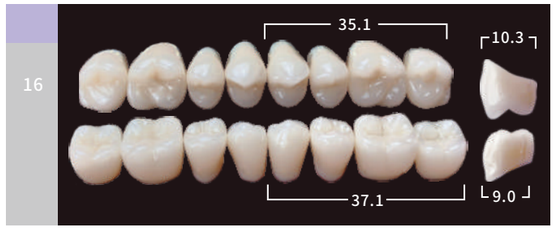


Physioca Mould Chart

Posteriors





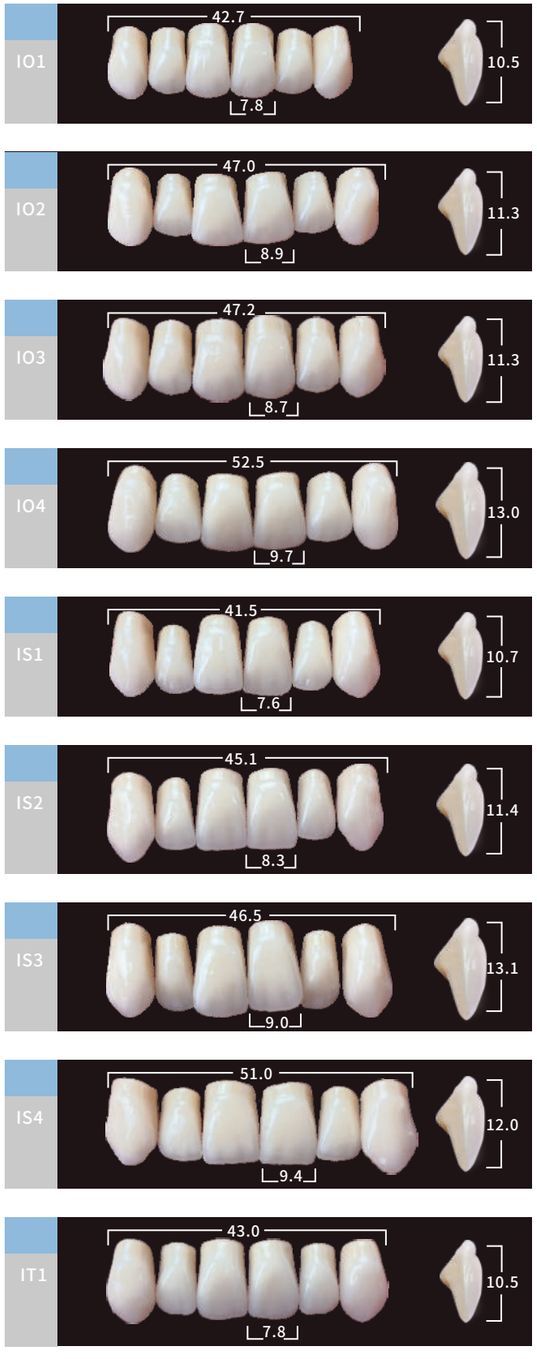


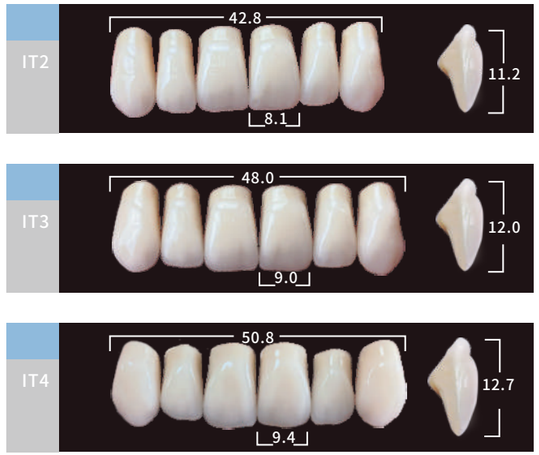
Physioca Combinated Articulations

Upper Anteriors	Lower Anteriors	Posteriors
M1	Al1	8/12/11/14
M2	AL2	8/13/11/14
M3	AL4	7/13/15
M4	AL11	9/7/15
M5	AL8 /AL9	10/9/15
R1	AL1	8/12/11/14
R2	AL2	7/13/11/14
R3	AL5	9/7/15
R4	AL6	9/7/15
R5	AL9/AL10	9/10/15/16
R6	AL7/AL11	7/9/15
R7	AL3	8/13/11/14
R8	AL11	7/9/13/15
R9	AL12/AL11	8/13/14
J1	AL1	8/11/12/14
J2	AL2	8/11/12/14
J3	AL12	7/9/11/14
J4	AL11/AL12	9/7/10/15
J5	AL9/AL10	10/9/7/15
J6	AL7/AL11	10/9/7/15

Typlus Mould Chart

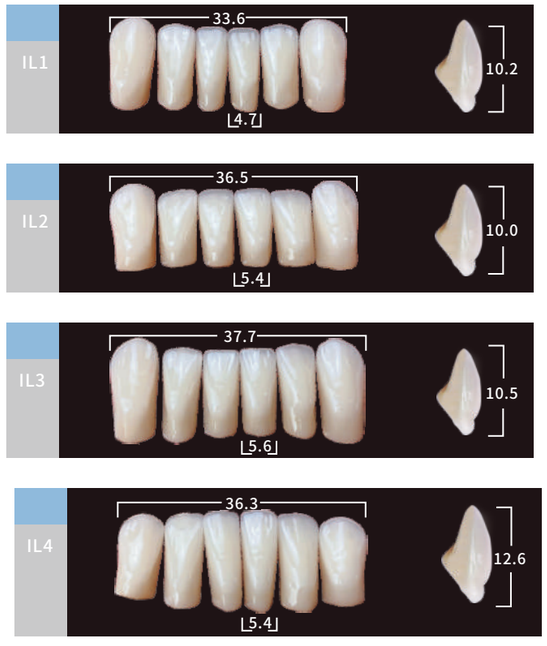
Upper Anteriors





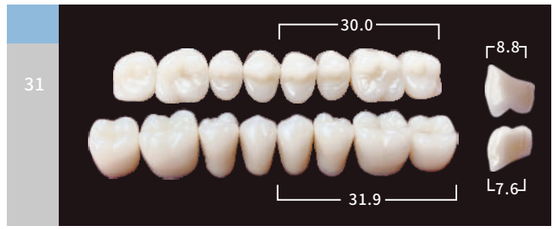
Typlus Mould Chart

Lower Anteriors

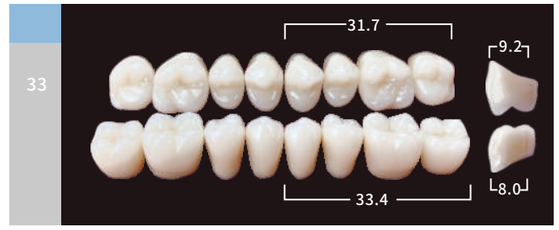


Typlus Mould Chart

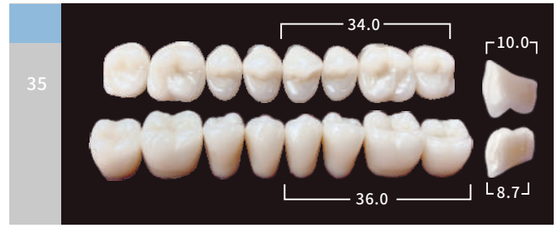
Posteriors

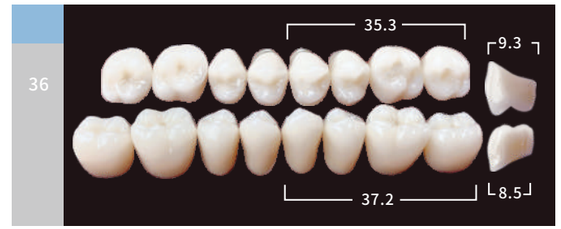












Typlus Combinated Articulations

Upper Anteriors	Lower Anteriors	Posteriors
IO1	IL1	31
IO2	IL2	32/33
IO3	IL3	33/34
IO4	IL4	35/36
IS1	IL1	31
IS2	IL2	32/33
IS3	IL3	33/34
IS4	IL4	35/36
IT1	IL1	31
IT2	IL2	32/33
IT3	IL3	33/34
IT4	IL4	35/36

Self-curing Soft Relining Material



Indications: Used as a padding for the tissue surface of full dentures

Package: 80g powder&40ml liquid

Performance Advantages:

- Self-curing, no heating required, simple operation and convenient use
- Good softness, comfortable to wear
- Ideal lining material for the restoration of old dentures

Soft Resin Set



Indications:
Used for filling the alveolar ridge liner with residual roots or the alveolar ridge with large bone protrusions
The material is used to create a liner for the dorsal skin gingival condition

Package: 50ml/box

Performance Advantages:

- The material does not harden and is always soft.
- This material is the best choice for full dentures that have individual teeth remaining and are loose.
- High elasticity and toughness,with a certain degree of softness, comfortable to wear.
- When repairing the toothless jaw with individual real teeth, the snap ring can be replaced.

3D Soft Relining Kit



Indications:
Permanent liners for removable partial or full dentures

Package:
3D Soft Relining material: 50mlx1
Soft Relining bonding agent:5ml
Odor Eliminator agent:10mlx2(A+B)

Performance Advantages:

- Enhancing the fit of the denture base tissue surface to the soft alveolar ridge
- Increases wearing comfort and cushions the inversion on the alveolar ridge
- Improved retention of maxillary prostheses
Validity period:2 years(5℃-25℃ at room temperature)

Wax For Edge Shaping



Indications: Mainly used to determine the length and width of the base edge of the denture

Package: 9 pieces/box

Performance Advantages:

- High toughness, not easy to break, firmly bonded to individual trays
- The shrinkage rate of the material is up to 15%, which can reserve enough space for the second impression material
- Wrinkled and rough surface after plasticizing,easy to combinewith impression materials

Validity period:2 years

Memory Wax



Indications: Accurately obtain the medi an jaw relationship

Package :
5 pieces/box,160mmx12mm

Performance Advantages:

- It can be shaped at room temperatureand is not affected by temperature changes
- Easy to operate

Resin Wax Strips



Package : 27pieces/box

Performance Advantages:

- The material reflects the properties of wax when meltedand the properties of resin when solidified.
- No need to melt into liquid for operation, can be used directly.

Validity period:2 years

Soft Wax Rim



Package: 4 pieces/box

Performance Advantages:

- Easy to operate, no sticky knife, greatly improve the efficiency of ranking teeth.
- No shrinkage, high accuracy of wax pattern.

Validity period: 2 years

Light-cured Tray



Indications: Used for fabricating custom trays in the production of complete dentures.

Package:1.4 mm, 25 sheets per box,
2.0 mm, 16 sheets per box

Curing Time: 90 seconds

Performance Advantages:

- Odor-free and non-sticky to hands.
- Semi-transparent design facilitates technicians' operation.
- High hardness after curing with excellent deformation resistance.

Tray Molding Wax



Indications: It is used to make the edge of the mold when making full dentures.

Package :3pieces/box

Validity period: 2 years

Performance Advantages:

- The elastic modulus is close to that of mucosal tissue and will not compress soft tissue
- It is simple and convenient to use. The material can become soft after kneading by hand
- It is not easily affected by temperature changes and is not sticky to the handhands.

Tray Adhesive



Indications: Bonding of various silicone impression materials,resin materials,alginates and various waxes.

Package : 5ml/bottle

Performance Advantages:

- Wide bonding range.
- High bonding strength.
- Easy to operate and use.

Impression Wax



Indications: Used for making initial impressions

Package: 14pieces/box

Performance Advantages:

- No aging period.
- Soaking in hot water makes it soft, while soaking in cold water makes it hard.

Impression Materials

A perfect link between the dentist and dental laboratory



Good performance is essential as the quality of the plaster model and the accuracy of fit of the restoration depend on the quality of the impression



Putty Impression Material



Indications: Crown, bridge, inlays and onlays impression.

Package:
350g Base+350g Catalyst

Validity period:
2 Years (Store at 5-27°C at room temperature)

Performance Advantages:
- Unique formula design, no peculiar smell, high dimensional stability
- High definition, high tensile strength
- High hardness, not easy to deform, long storage time

Technical Data

Mixing Raito	1:1
Mixing Time	30″
Working Time	2'
Setting Time in Mouth	2'30″
Tensile Strength	>1.0
Tear Strength	>2.0
Elastic Recovery	>99.5%
Hardness Shore A	68
Dimensional Stability	<0.5%

Impression Kit



Indications: Used for making initial printing molds during the production of restorations

Package:
350g base+350g catalyst,50mlx1 light body

Validity period:
2 years (stored at room temperature of 5-27 ℃)

Performance Advantages:
- Unique formula design, no odor, not easy to shrink, high dimensional stability.
- High mold clarity, high tensile and crack resistance strength.
- High hardness, not easy to deform, long storage time.
- Thixotropy, both hydrophilic and hydrophilic in the mouth

A-Silicone Impression Material - Light Body



Indications:
Final impressions used for the fabrication of indirect restorations (inlays, onlays, crowns, bridges, veneers)
Edentulous impressions
Dental implant impressions

Package: 50ml/bio-cartridge x 2

Validity period: 2 Years (Store at 5-27°C at room temperature)

Performance Advantages:
- Excellent adaptation to the moist oral hard and soft tissues
- Exceptional readability and precision
- Pressure-free impression material

Technical Data

Working Time	1'30"
Setting Time in Mouth	4'30"
Tensile Strength	>2.0
Tear Strength	>3.0
Elastic Recovery	>96.5%
Hardness Shore A	48
Dimensional Stability	<0.5%

A-Silicone Impression Material - Extra Light Body



Indications:
- Edentulous impressions

Package: 50ml/bio-cartridge x2

Validity period:
2 Years (Store at 5-27°C at room temperature)

Performance Advantages:
- Super high fluidity, high toughness and not easy to break
- Ultra-thin impression layer, the thickness can reach about 10μm
- Good hydrophilic properties during the impression taking process

Technical Data

Working Time	1'30"
Setting Time in Mouth	4'30"
Tensile Strength	>2.0
Tear Strength	>3.0
Elastic Recovery	>96.5%
Hardness Shore A	48
Dimensional Stability	<0.5%

Silicone Impression Kit



Indications:
Crown, bridge, inlays and onlays impression.

Package:
30g Puttyx6+20ml light body

Validity period:
2 Years(Store at 5-27°C at room temperature)

Performance Advantages:
- Unique formula design, no peculiar smell, high dimensional stability.
- High definition, high tensile strength.
- High hardness, not easy to deform, long storage time.

Technical Data

Mixing Ratio	1:1
Mixing Time	30"
Working Time	2'
Intraoral Curing Time	2'30"
Tensile Strength	>1.0
Crack Resistance	>2.0
Elastic Recovery Rate	>99.5%
Shore Hardness	68
Dimensional Stability	<0.5%

Edge Shaping Material



Indications: Mainly used to determine the length and width of the denture border of complete dentures.

Package: 50ml/cartridge x 2

Validity period: 2 years (Store at 5-25°C at room temperature)

Performance Advantages:

- High viscosity, the material won' t sag during operation.
- High hardness and deformation resistance, enabling one-step border molding.

Technical Data

Working Time	1'30"
Intraoral Curing Time	4'30"
Tensile Strength	>2.0
Crack Resistance	>3.0
Elastic Recovery Rate	>99.5%
Shore Hardness	74
Dimensional Stability	<0.5%

Retromolar Pad Material



Indications: Used for sealing the retromolar pad area during the fabrication of complete dentures.

Package: 50ml/cartridge x 2

Validity period: 2 years (Store at 5-25°C at room temperature)

Performance Advantages:

- Its elastic modulus matches that of the retromolar fat pad.
- Easy to manipulate, featuring sliding sealing function with high sealing precision.

Technical Data

Working Time	1'30'
Intraoral Curing Time	4'30"
Tensile Strength	>2.0
Crack Resistance	>3.0
Elastic Recovery Rate	>96.5%
Shore Hardness	74
Dimensional Stability	<0.5%

Clear Impression Material



Indications: Refined impression making such as implantation and mold taking

Package: 50ml/cartridge x 2

Validity period: 2 years (Store at 5-25°C at room temperature)

Performance Advantages:

- Colorless and transparent, good light transmission, no yellowing in long-term storage
- Widely used in bonding, saving time and effort
- Accurate impressions and high translucency

Working time: ⩾ 1 minute 30 seconds

Technical Data

Working Time	1'30"
Setting Time in Mouth	4'30"
Tensile Strength	>2.0
Tear Strength	>3.0
Elastic Recovery	>96.5%
Hardness Shore A	53
Dimensional Stability	<0.5%

Artificial Gingiva Material



Indications: Used to fabricate artificial gingiva for fixed restorations including implant-supported dentures, crowns and bridges.

Package: 50ml/cartridge x 2

Performance Advantages:

High elasticity for easy removal and reinsertion from the model
Semi-transparent textured material with an elegant appearance
High precision and dimensional stability
Suitable for both direct and indirect impression techniques
Stable shaping with excellent deformation resistance

Validity period: 2 years (Store at 5-25°C at room temperature)

Working time: ⩾ 1 minute 30 seconds

Bite Registration Material



Indications: Fix the jaw relationship, used for bite recording

Package: 50ml/cartridge x 2

Validity period:
2 Years（Store at 5-27°C at room temperature)

Performance Advantages:

- High final hardness, easy to trim and grind. Fast setting time, intraoral setting time of only 50
- seconds.

Technical Data

Working Time	40''
Intraoral Curing Time	50"
Tensile Strength	>2.0
Crack Resistance	>3.0
Elastic Recovery Rate	>99.5%
Shore Hardness	79
Dimensional Stability	<0.5%

Silicone Duplication Material



Indications: Used in dental technician workshops for creating wax models and plaster replicas.

Performance Advantages:

Suitable for making replication molds, with no increase in bite force, stable shape, and safe with no odor.

Operational requirements: mixing ratio 1:1, blending time 20 seconds, operational time 30–60 seconds, curing time 6–8 minutes.

Glass Ionomer Cement Luting



Performance Advantages

- High bonding strength and long lasting results
- Wide range of applications and easy handling
- Easy to control with powder and liquid mix
- Excellent flowability, no floating sensation
- High thixotropy, glued after curing, excess cementcan be completely removed
- Good aesthetic properties, transparent
- No irritation to the dentition,no odour

Validity period: 2 year

Indications: For bonding of metal restorations, metal porcelain crownsand bridges, zirconia crowns and bridges, orthodonticbands and rings, etc.

Package:15g powder+10ml liqiud



Technical parameters

Powder Liquid Ratio(g/g)	2.5g :1.0g	--
Mixing Time	20''	--
Maximum Operating Time	3'30''	Start with blending
Curing Time	4'50''	Start with blending
Removal Of Excess Watergate Timing	2'30''-6'00	Starting with the restoration in place

Glass Ionomer Cement Filling



Indications: Restorative materials suitable for a wide range of clinical cases

Package:15g powder+10mlliquid

Shades:A2,A3

Performance Advantages:

- Moderate viscosity, elasticity, easy to fillgood marginal seal
- Beyond normal transparent aesthetics, excellent clinical mechanical properties and colour stability
- High strength and durability, reliable bonding and prevention
- Simple and fast operability, high bioactivity and self-bonding strength

Validity period: 2 year

Technical parameters

Powder: Liquid	A Spoonful Of Powder : A Drop Of Liquid	
Mixing Time (23°/ 73°F)	45''	Start with blending
Work Time （23°/ 73°F)	2'20''	Start with blending
Curing Time (37°/ 99°F)	4'50''	Start with blending

Tissue Conditioner



Indications: The lining of this product is on the tissue surface of the abnormal denture base, which is a short-term(3-4 weeks)for temporary lining, tissue mediation and functional imprinting

Package : 80g powder&40ml liquid

Performance Advantages:

- Good fixation force and low heat release during curing
- It is conductive to the healing of soft tissues in the mouth

Zinc Oxide Eugenol Cement



Indications: Used for temporary dental restoration and cavity illing

Package :20g powder +6ml liquid

Performance Advantages

- Inducing differentiation of dental pulp cells and accelerating the natural repair process.
- It has a protective effect on dental pulp.
- It has a sedative effect on leaked dentin and reduces significant postoperative risks.
- Eugenol can interfere with microbial metabolism and reduce the risk of periapical infections.
- Excellent biological safety.

Validity period:2 year

Technical parameters

Powder: Liquid	1.6g:0.5ml	
Mixing Time (23°/ 73°F)	45''	Start with blending
Work Time （23°/ 73°F)	2'20''	Start with blending
Curing Time (37°/ 99°F)	3-10min	Start with blending

Zinc Polycarboxylate Cement



Indications: This material is suitable for the bonding of inlay crowns, bridges, orthodontic band rings, and other attachments; cavity beddingal cases.

Package :20g powder +15ml liquid

Composition:

- Powder: Zing oxide, magnesium oxide, and calcium fluoride.
- Liquid: Polyacrylic acid, tartaric acid, and deionized water.

Product performance:

- The ratio of powder to liquid (weight) is 2.8g:1.0g,
- The blending time should not exceed 60 seconds

Curing time: 2-6 minutes

Luting 1:4 Filling 1:3

Validity period: 2 years

3F Glass Ionomer Cement



Indications: Fill and repair the class III, and class V cavities and wedge-shaped defects. Caries and liner repair.

Shades:A2,A3

Package:20g powder +15ml liquid

Performance Features:

- High compressive strength, low heat of reaction, low coefficient of expansion, high transparency
- Good marginal seal. Stable in the oral cavity
- High operating performance, sufficient work time

Technical parameters:

Powder Liquid Ratio(g/g)	2.7g:1.0g
Mixing Time (23°/73°F)	45''
Work Time （23°/73°F)	2'20''
Curing Time (37°/99°F)	2'30''

Hgih Spot Indicator



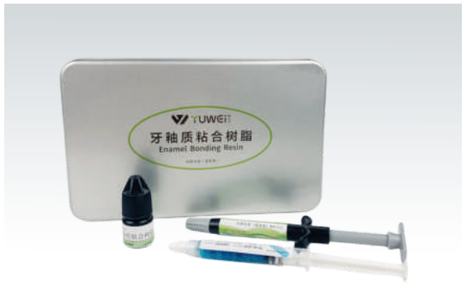
Indications: :Oral detection material specially used to detect the poor contact parts of restoration body

Package: 50ml A+50ml B

Performance Advantages:

- **Full crown:** margins, proximal surfaces, occlusal surfaces
- **Cast post:** post and mortise contact points
- **Inlay:** margins and proximal surfaces
- **Full or partial dentures:** mucosal surface

Enamel Bonding Resin Kit



Indications: The products are used for bonding orthodontic brackets and are only in contact with the enamel.

Model: Light curing type (Temperature Change Type)

Package: Paste:3.5g x 1 Liquid:3ml x 1
Acid corrosive:2.5ml x 1

Performance Advantages:

- Superior bond strength for secure bonding of ceramic and metal brackets.
- Enriched with unique active factors with excellent therapeutic properties.
- Double the working time allows for more relaxed positioning than other light-curing cements.
- The improved patented formula provides 20% more penetration acceleration than comparable cement, effectively reducing bracket removal.
- Contains fluoride ions, which can effectively prevent caries during the orthodontic process.
- Intelligent temperature change, green at 25°C, clear at 35°C, easy to identify.

Pit&Fissure Sealant



Indications: :For sealing of grooves and occlusal surfaces for effective caries prevention

Package: 1.5g/piece,2g/piece

Performance Advantages:
Good flowability, excellent sealing effect.
High bonding strength, strong edge sealing, low probability of peeling off.
Extremely fine conveying head for deep penetration during filling.
Fluorine-containing formula for multi-purpose caries prevention.
Economical material, anti-abrasion, long-term clinical results.

Alginate Material



Indications: Used for dental clinical modeling

Package: 100g, 480g, 25kg

Performance Advantages:

- Good elasticity and detail reproducibility, high surface clarity.
- Hydrophilicity and Comfort.



Temporary Crown and Bridge Resin



Technical Parameters:
At room temperature of 23°C and 50% water vapour saturation, the operating times are as follows.

Injected into the mouth	0'
Solidifies in the mouth	30"
Take out of the mouth	1'00
Full solidified	1'30"
Overhaul completed	4'00

Indications: For chairside direct fabrication of short-term temporary crown and bridge restorations within a personalized mouth.
1.Multi-unit bridges 2. Partial or full crowns 3.Inlays and high inlays 4.Anterior veneers
Package: 70 g/mixed gun cartridge (mixing tip 6pieces)
Shades: A1，A2，A3，A3.5，B1，B3，C2，BL
Performance Advantage:

- As a temporary crown and bridge material, it has very good strength. Few bridges break, reducing the patient's unnatural re-visits and saving more time and money.
- Good precision makes the edge of the temporary restoration closed very well, better protection of the tooth tissue and the edge of the preparation, reducing the stimulation of the tooth. Neighboring contact area can be achieved with almost no trimming for a perfect result.
- Outstanding aesthetics, new fillers are added to the resin matrix, which makes it very polishable and has very strong anti-staining properties.
- Good biocompatibility, almost no free monomer release. Minimize the stimulation of periodontal and dental tissues.
- Mixing with pressure-feeding gun is simple and convenient and reduces waste and oxidized layer, which makes the temporary crowns more effective.
- Simple operation, the material has a long elasticity period, ideal working time and curing time; it is also easy to repair the cured temporary restorations with resin-based materials.

Cleaning Paste



Indications: Cleaning Paste is used to remove surface dirt on restorations after trial fitting, especially salivaand blood protein contamination,thereby increasing the subsequent bonding strength, and isparticularly effective in reducing the incidence ofzirconia bonding detachment.rate of zirconia restorations.

Package: 5g/bottle,100g/bottle

Performance Advantages:

- Cleaning paste effectively cleans restoration contact surfaces that are contaminated withsaliva. It thus creates a solid foundation for a strong,lasting bond between the cementing materialand the restoration.
- Suitable for surface treatment of various types of restorations: leuciteglass ceramics, lithium disilicate glass ceramics, zirconia ceramics, precious metals, and common metals.\
- Simple operation: After trying on, apply cleaning paste with a small brush, wait for 20 seconds for thereaction, and then rinse and blow dry.

Dental Silane Coupling Agent



Indications: The product serves as bonding agent and is used to create a durable chemical bond between luting compositesand glass/oxide ceramic, metaland fibre-reinforced composite restorations.

Package: 5ml/bottle,100ml/bottle

Performance Advantages:

- Innovative combinations that include functional units can promote strong onding with zirconia, glass ceramics, and metal alloys, combined withsingle,The adhesive properties of a material are comparable.
- The operation method is simple and applicable to different restorations.

Opti Bond



Indications: Suitable for a wide range of bonding techniques, including total acid etching, self-acid etching, and selective acid etching.
Adhesive to all interfaces, enamel, dentin, glass ceramic, zirconia, metal, and resin.

Package: 3ml/bottle,5ml/bottle,1000ml/bottle

Performance Advantages:

- Good penetration into the dentin tubules
- Contains active ingredients that are self-healing, resulting in lesspostoperative sensitivity
- Stable and reliable performance, simpler and more convenient clinical operation

Hydrofluoric Acid Etch

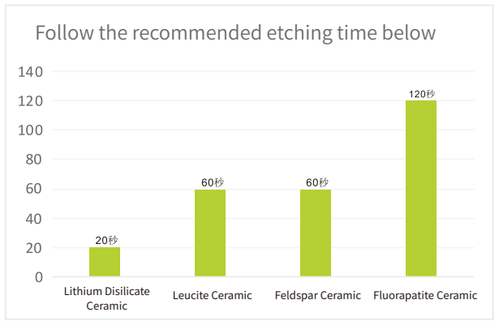


Indications:
Hydrofluoric acid etch can be used to produce a retentive bonding surface is prepared for bonding. This acid etching mode can improve the bonding strength between the bonding material and the glass-ceramic.Hydrofluoric acid etch is for professional use only and should not be used in oral cavities.

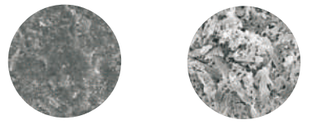
Package:5ml

Performance Advantages:

- Increase bonding strength
- Increase the contact area
- Micropores are formed on the surface
- Clean the bonding surface



Before & After Etching with HF Etchant



Before HF Etching

HF-etched scale-like surface for better bonding

Model	Type	Hydrofluoric Acid Etchant	Neutralizing Powder
0A	Kit	1ml	6g
		5ml	30g
		10ml	60g
0B	Single Item	1ml	/
		3ml	/
		5ml	/
		10ml	/

EDTA Root Canal Lubricant



Indications: Suitable for all root canal preparation and cleaning procedures.

Package: 3g, 5g, 6g, 10g

Performance Advantages:

- Dentin softening
- Effective smear layer removal
- Gel formulation for easy irrigation

Root Canal Filling Material



Indications: For root canal filling

This is a pre-mixed, instant-injectable, water-solidifying silicate-based bioceramic root canal filling agent that requires no manual mixing. It eliminates formulation errors, offers convenient operation, and meets the demands of efficient clinical diagnosis and treatment.

Package: 2g

Performance Advantages:

- Ultra-high sealing performance, achieving three-dimensional tight filling
- Excellent fluidity with no dead zones during filling
- High-efficacy antibacterial action, suitable for infected root canals
- Excellent biocompatibility with minimal postoperative reactions
- Rapid healing with excellent bone repair outcomes
- Ultra-simplified operation, saving diagnostic time

Dental Veneer Cement Kit



Flowable Composite Resin



Indications: Suitable for minimally invasive filling and direct filling of various types of cavities, such as Class I, II, and III cavity repair.

Package and models: 3F0 3F2 3F3 3F10 2.0g 3.0g

Performance Advantages:

- Mechanical properties: Flow resin has higher mechanical strength, including compressive strength, tensile strength, flexural strength, and stress yield point, making it suitable for repairing stress bearing zones.
- Aesthetics: The resin color is similar to the light transmission and scattering properties of enamel and dentin, achieving an optical effect similar to that of the tooth body, resulting in a more natural restoration effect.
- Biological activity: It has various biological activity functions such as fluoride release, antibacterial plaque attachment, acid neutralization, andpromotion of tooth remineralization.
- Obstruction linearity: facilitates various examinations and diagnoses of dental structures.

Dental Composite Resin



Indications:
1. Direct restoration of Class III, IV, and V cavities in the anterior teeth and Class I, II, and V cavities in the posterior teeth.
2. Direct repair of wedge-shaped defects and root caries.
3. Close the gap between veneers.

Package:4.0g

Performance Advantages:

- Wide color matching ability, color stability before and after photopolymerization.
- Optical properties similar to natural tooth color, maintaining glossiness and smoothness.
- Ideal wear resistance, reducing wear on relative teeth.
- Low shrinkage rate.

Universal Restorative



Indications:

- Used for the "sandwich" filling technique with glass ionomer cement
- Apical Remodeling.
- Core Accumulation and Remodeling.
- Stabilization splint.
- Indirect restoration of anterior and posterior teeth: inlays, high inlays, onlays.

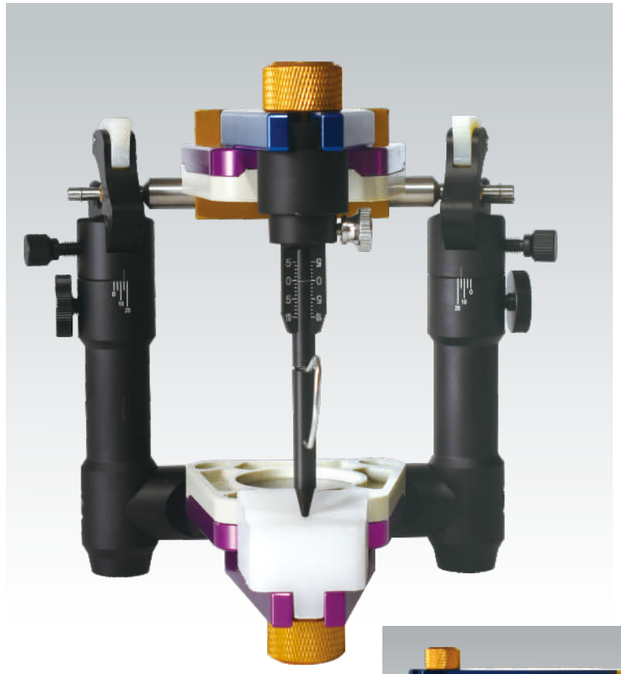
Model: Light curing

Package0.35g capsules x 20 pcs

Performance Advantages:

- Natural color: Available in 16 colors, exhibiting natural hue, fluorescence, and translucency upon curing.
- Poor staining tendency: The resin exhibits superior polishing performance and retention stability, with minimal plaque accumulation or discoloration.
- Simple operation: You can use single-shade, dual-shade, or multi-shade techniques to achieve aesthetically pleasing restorations.
- Capsule packaging :offers greater convenience and hygiene benefits.

Semi-adjustable Articulator



Indications: For tooth arrangement during complete denture fabrication

Technical Parameters:

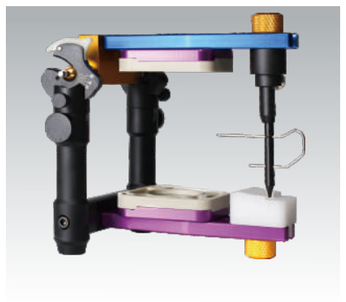
Condylar Ball Center Distance	11.28 cm
Anterior Condylar Guidance Inclination Range	15°–60°
Lateral Condylar Guidance Inclination Adjustment Range	0°–20°
Protrusive Condylar Guidance Movement Mode	Curved motion
Bonwill Triangle	Equilateral triangle
Incisal Guide Table Angle Value	15°/35°
Model Replacement Method	Magnetic adsorption

Material: Cobalt-chromium Alloy

Performance Advantages:

- Fabricated by precision engraving equipment with high accuracy
- Simulates temporomandibular joint movement more accurately than conventional articulators
- Matched with dedicated facebow to precisely determine the radius from incisive papilla to condyle





Denture Duplication Tool



Indication: Used for replicating old dentures and making new dentures
Package : 1piece/box
Size:106x88x55mm
Performance Advantages:
Convenient and precise in size
Can be sterilized at high temperatures

Facebow & Transfer Table



Application: Determine cranial angles and transfer occlusal relations. When used with a special articulator, it can accurately measure the radius from incisive papilla to condyle.
Material: Aluminum alloy / Cobalt-chromium alloy
Performance Advantages:

- Accurately transfer occlusal relation data via transfer table
- Easy to operate

Manual Injection Machine



Application: Used for injection molding in complete denture fabrication
Performance Advantages:

- Compact size and simple operation
- Effectively eliminates flash on dentures, reduces occlusal adjustment and improves denture accuracy

Graduated Occlusal Plane Plate



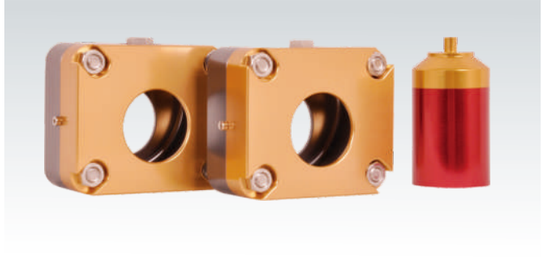
Material: Aluminum Alloy
Application: Used to adjust the balance of upper occlusal wax rims

Occlusal Plane Plate



Material: Aluminum Alloy
Application: For adjusting the balance of upper wax occlusal rims

Dental Flask



Material: Hard Aluminum Alloy
Size: 12cm x 10cm x 6cm

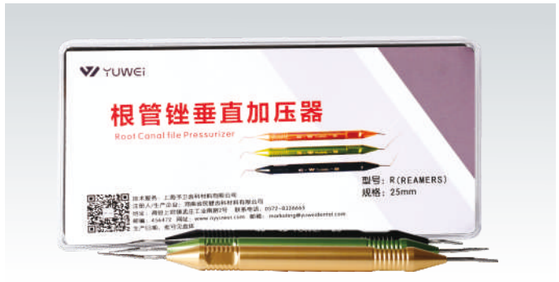
Surrounding Tray



Application: For fabricating standard dental models
Package :2 pieces / box
Material: Aluminum Alloy
Performance Advantages:

- Low adhesion to dental materials
- Hardened surface coating, anti-oxidation and rust-proof, long service life

Root Canal Plugger



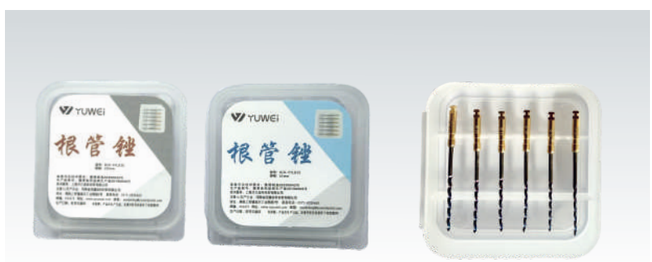
Application:
For restoration and shaping during root canal obturation.The tip of the plugger is graduated for convenient root canal depth measurement. It features memory function and will spring back straight after being soaked in hot water.

Steam Wax Remover Machine



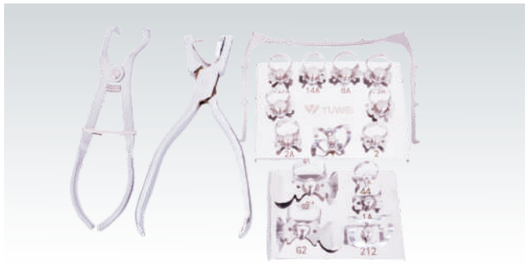
Application: Used to remove wax rims inside the mold cavity after flask opening

Root Canal Files



Application: For cleaning and shaping root canals during dental treatment
Models & Sizes:
Models: K (K-FILES)、H (H-FILES)、R (REAMERS)、S(SPREADERS)、P(PLUGGERS)
sizes: 19mm / 21mm / 25mm / 28mm / 31mm

Dental Dam Set



Package: 1 dental dam puncher,
1 dental dam clamp,
1 dental dam bracket,
14 dental dam clips

Vertical Dimension Measuring Ruler



Application: Used to measure patients' vertical occlusal dimension during complete denture fabrication

Automatic Injection Machine



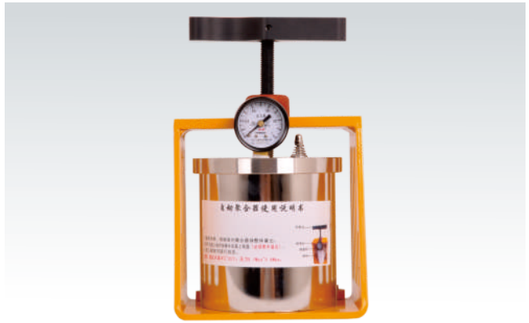
Application: Applied to injection molding for complete denture fabrication
Performance Advantages:
- Simple operation to boost injection molding efficiency
- Free of flash on finished dentures, less occlusal adjustment required, higher denture fitting accuracy

Pressure Pot



Material: Stainless Steel
Pressure: 0.1-0.6Mpa
Power: 1500W
Performance Advantages:
- Excellent tightness with constant pressure
- Simple and easy to operate

Automatic Pressure Polymerizer



Application: Used for pressure polymerization of resin materials to repair the old dentures

Wax Rim Softener



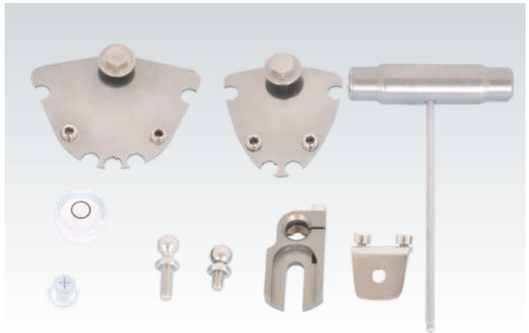
Application: For softening various wax products
Power: 100W
Dimension: 209 x 242 x 168mm
Performance Advantages:
- Constant temperature control for even softening of resin wax rims
- Adjustable temperature

Occlusal Center Measuring Ruler



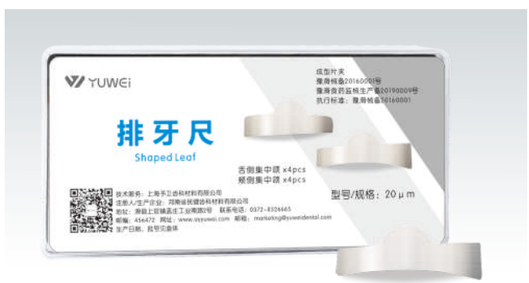
Application:
To measure the position of occlusal contact points

Gothic Arch Tracer



Application:
To record centric jaw relation during complete denture fabrication
Performance Advantages:
- High accuracy in capturing jaw relation
- Made of stainless steel, durable for long-term use

Denture Arranging Ruler



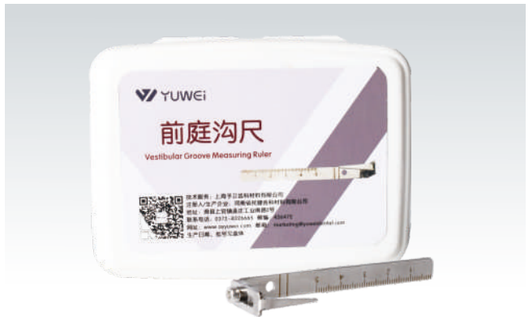
Material: Stainless Steel
Application: Special tool for arranging lingualized occlusion and buccalized occlusion dentures

Soft Aluminum Tray



Package: 1set /box
Performance Features:
- Soft aluminum material, no pressure on the mucous membrane turnings
- Double-layer design, easy to trim and adjust, preferred for making pressure-free impressions
- It can be bent according to the alveolar ridge morphology.

Vestibular Groove Ruler



Application: To confirm the 3mm position of mucosal fold at the denture base border

Dental Wax Spatula



Application: For fabricating wax rims
Material: Stainless Steel
Performance Features:
- Thick material with large heat capacity and long heat retention time
- Convenient to operate

Perforated Impression Tray



Package: Three sizes including large, medium and small, thickness 5mm, 2 pieces per box
Performance Features:
- Double-layer design with adjustable spacing of perforated holes
- Flexible and bendable to conform to the shape of alveolar ridge

Jaw Type Measuring Ruler



Application: Used to confirm the appropriate jaw type

Centric Impression Tray



Application: Used for taking primary impressions and recording centric jaw relations
Performance Features: Simple operation with high accuracy

Full Denture Feeler Gauge



Application: Mainly used to accurately measure the overjet of anterior teeth and the distance between non-contact points of posterior teeth during tooth arrangement
Specification: 0.2mm-2.0mm

Dental Light Curing Unit



Application: For curing tray materials when making individual tray
Power: 80W
Dimension: 290*185*120mm
Performance Features:
- High light penetration, fast curing speed
  Exquisite compact design

Universal Denture Arranging Base



Application: Matched with Yuwei articulator for tooth arrangement
Performance Features:
Built-in magnet in the middle, ideal for occlusal adjustment and setting

Jaw Position Recorder



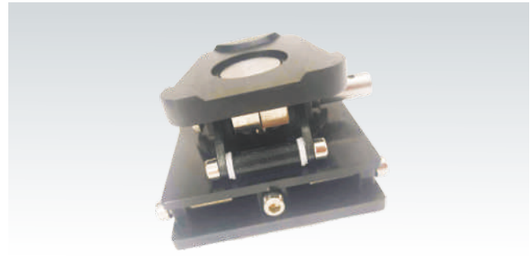
Application: Examine the range of motion of temporomandibular joints and record their movement trajectories

10μm Occlusal Articulating Strips



Application: Precisely adjust implant occlusal relationship and clearance for implant seating
Material: Stainless Steel

Magnetic Multifunctional Base



Application: Install Gothic arch, cooperate with full-mouth dedicated articulator to fabricate wax rims quickly and accurately
Performance Features: The wax rims made with this tool feature precise upper and lower occlusion without displacement and accurate vertical dimension. It saves time, boosts work efficiency and serves as an ideal helper for clinicians.

Dental Carving Knife



Application: For trimming during tray positioning and trimming silicone rubber after border molding

Tooth Arrangement Guide Plate

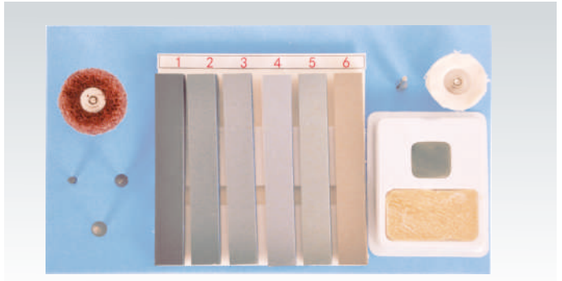


Application: For tooth arrangement in full denture fabrication
Angle Specifications: 100°, 125°, 140°, 160°
Material: Aluminum Alloy

Facial Measuring Ruler

Application: To determine the patient's facial contour and the size of maxillary anterior teeth

Polishing Tool Set



Application: For fine polishing of full dentures

Dental Air Chisel



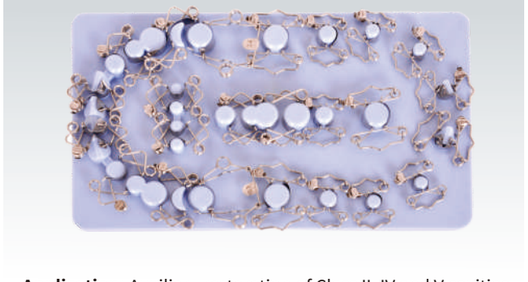
Application: For cleaning plaster on denture surface after flask opening
Air Pressure: 0.6-0.8Mpa
Performance Features:
- High vibration frequency
- Enables rapid cleaning and improves laboratory technicians' work efficiency

Matrix Band



Purpose: Assist in repairing Class II, III, and IV cavities and restoring tooth morphology
Specification: 35μm, 50μm, 100 pcs/box, 50 pcs/box
Performance Characteristics:
- Relatively thin thickness
- The repaired hole has a beautiful appearance

Automatic Sectional Matrix Clamp



Application: Auxiliary restoration of Class II, IV and V cavities to restore tooth morphology
Specifications: Standard type / Special type
Performance Features:
Made of stainless steel spring with excellent durability

Automatic Injection Polymerizer



Voltage: 220V **Rated Power:** 4000W
Overall Dimension: 1000×610×94mm **Weight:** 60kg
Features:
- Integrated functions of injection, polymerization and dewaxing
- Equipped with water pump for dewaxing, delivering faster cleaning
- Wastewater sedimentation system meets environmental protection standards
- Built-in casters for easy movement

Full-Automatic Light Curing Equipment



Technical parameter:
Size: W330mm*D370mm*H440mm
Weight: about 13.4kg
Rated power supply voltage: 200V-240V,50/60Hz
Light bulb: 220V halogen light bulb
Wavelength: 440-485nm

Four special high-power blue-blue halogen lamps are used to focus on the10cm rotating work bench.At the standard working height of 8cm,the light intensity reaches 8w/cm,which is more than 10 times that of similar LED products.

Silicone Dispensing Gun



50ml, 1:1 / 2:1
Portable, time-saving & labor-saving, ergonomic design, dual-rod drive

Dental Capsule Dispenser



It is used to extrude dental materials from capsules during dental treatment.In operation, mount the capsule filled with dental material onto the fixed head. Squeeze the handle (which compresses the spring) to push out the plunger. The plunger presses the bottom of the capsule to extrude the internal dental material, without making contact with the dental material inside the capsule.Blue light boasts strong bactericidal performance. It can effectively eliminate oral bacteria to avoid infection, while accelerating the curing of resin materials for firmer dental restorations.

Sintering Tray



Diameter: 80mm, Height: 10mm

Diameter: 100mm, Height: 30mm

Diameter: 100mm, Height: 30mm

YUWEI TOOTH SHADE GUIDE

(VITA16 COLORS)





YUWEI GINGIVA SHADE GUIDE

Shade Guide DIY Tools



Indication: Used for making various shade guide
Specifications: 10 pcs/box
Performance Characteristics:

- Personalized and highly flexible
- Low cost, convenient and efficient

Gingival Shade Guide



For precise shade selection, clinicians need to take the patient's gingival tone and oral environment into full account during shade matching. A gingival shade guide helps prevent mismatched shade choices.