

Gemstone

Aesthetic Zirconia Solution

· Aesthetic · Strength · Speed



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Inspired by natural teeth's beauty

DEPRAG

·Highlights

·Bionic Aesthetic,Optimized workflows

After sintering, it has the color and transparency gradient effect of natural teeth, without the necessary veneering, Just glaze to achieve bionic beauty.

·All indications,Up to 14-unit bridges

Gemstone Multilayers combining high strength and natural beauty, there is no limit from 1 unit to 14 unit bridges.



·Time-saving and efficient

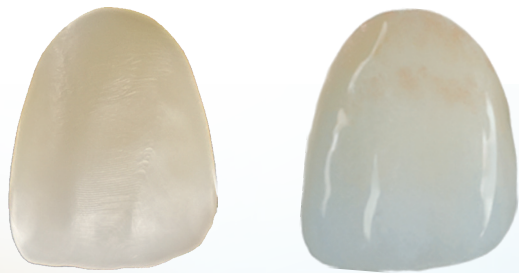
All multi zirconia can use the same sintering curve, supporting different sintering modes such as fast sintering and normal sintering.



•Features

•Lifelike gradient and Stain&Glaze

Gemstone Multilayers creates high-quality aesthetics through precise coloring and superior layering technology, creating a bionic gradient consistent with natural teeth through 9 layers of color without necessary veneering.



Primitive gradient, bionic external dyeing



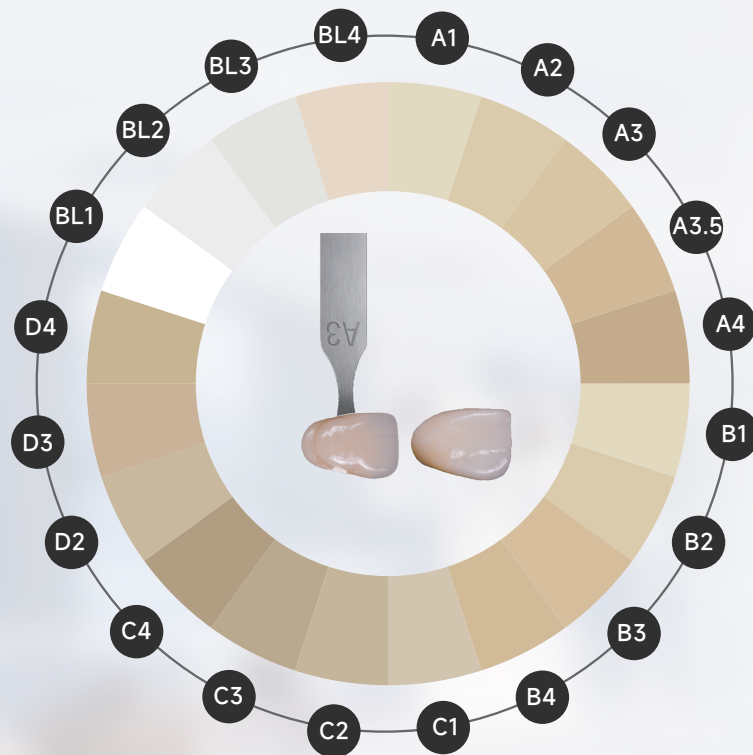
By Super Vision Stain&Glaze, Gemstone Multilayers can be finished with only a single glaze or use stains to achieve bionic features.

 3D Ultra/3D Pro/SHT Multi/ST Multi	Only Glazed 🕒 5min  Glaze. Shade A. Brown
 3D Ultra/3D Pro/SHT Multi	Personalized stain 🕒 15min  Glaze. Shade A. Blue. Brown. Midnight
 3D Pro	Fast stain 🕒 30min  Glaze. Shade A. Blue. Brown
 3D Pro	Personalized stain 🕒 60min  Glaze. Shade A. Light orange, Mango yellow, Blue, Blue violet, Midnight, Brown, Pure white, Terracotta



·Excellent color accuracy and stability

Excellent color matching covers VITA 16 Shades and BL1-BL4, with amazing consistency with VITA Shades.



Using the world's best high-purity nano-level zirconia powder, it has excellent color stability and transparency, which is also the unique aesthetic advantage of Gemstone.

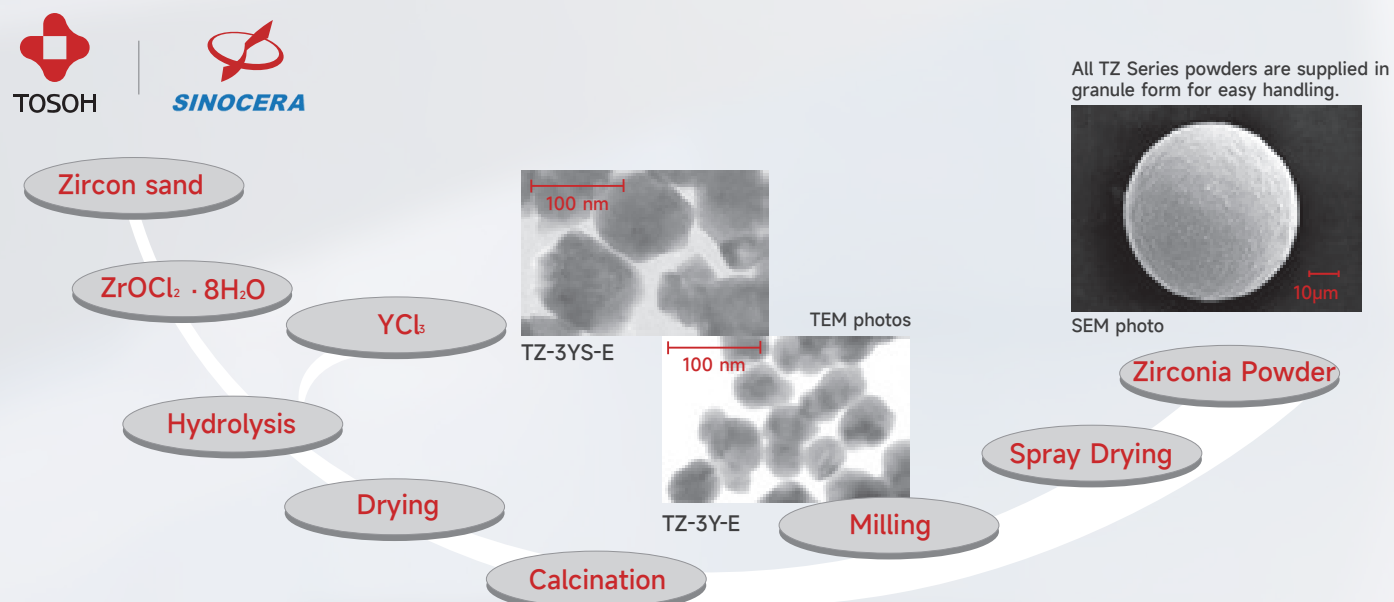
·A balance of aesthetics and strength

The strength of the Gemstone Multilayers is up to 1250Mpa, and the transparency is up to 57%, combining high strength with natural beauty. From single crown to 14-unit bridge. Even bridges with large spans have no nesting restrictions.



·Uniform and flexible sintering curves

Specific sintering program realizes the ideal sintering strength, a unified curve, and different models can be burned with the same furnace to increase productivity.



Gemstone 3D Ultra

3D Ultra is a ultra-fast sintering bionic aesthetic zirconia, which can ensure high aesthetics and high-strength effects at 30 minutes. The excellent material characteristics combined with the S7 Ultra fast thermal treatment perfectly achieved the instant aesthetics.



Versatility of application range

Expect exceptional design flexibility - from veneers to full-arch restorations.



Veneer



Crown (Anterior/Posterior)



Long-span Bridge



Inlay & Onlay



Inner crown

Material parameter

Penetration 49%-43%

49% high permeability bionic gradient, easy to shape bionic aesthetics.

Strength 850MPa-1100MPa

The neck strength is up to 1100Mpa, achieving all-indication repair.

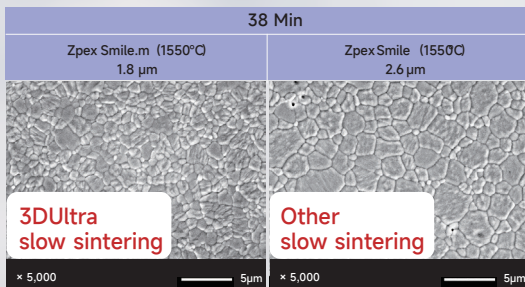
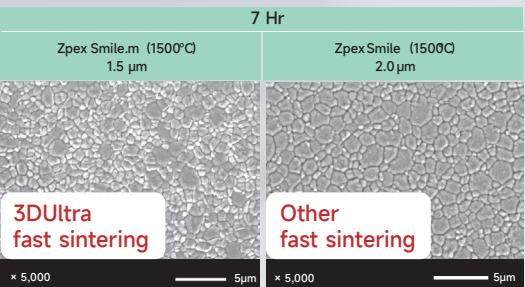
30 minutes ultra fast sintering

It can achieve ultra fast sintering for 30 minutes, compatible with ultra fast sintering and slow sintering , sintering mode to achieve the same sintering effect.

20 colors, full color coverage

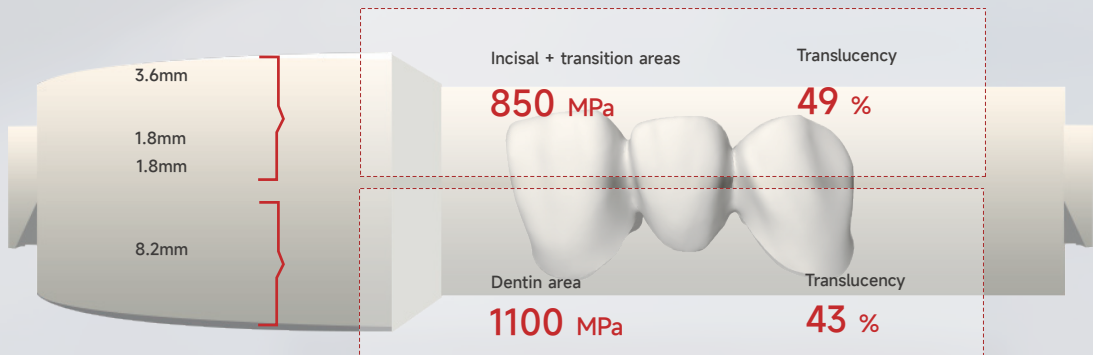


Tosoh Zirconia Powder



3D Ultra use tosoh zirconia powder, with excellent performance and stable quality.

Details 9-layer of bionic gradient



Gemstone 3D Pro

Simple and fast bionic aesthetics programme

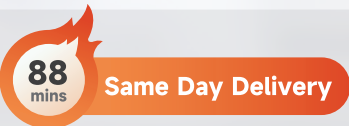
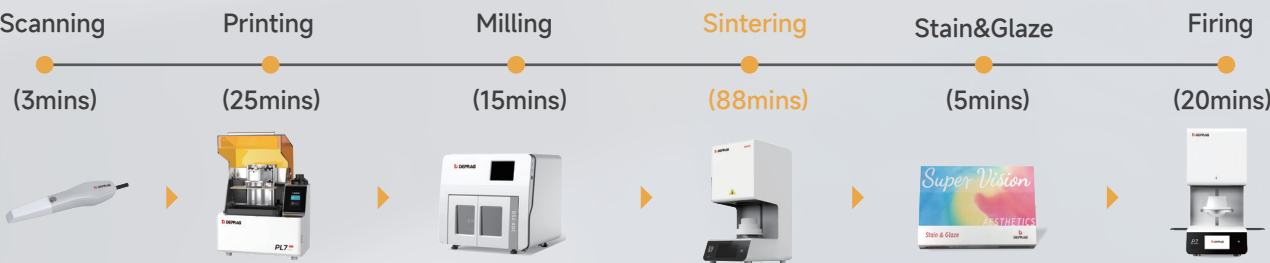
- Highly strength and transparency, more like natural teeth



- 88mins fast sintering

Perfectly compatible with fast sintering for improved processing efficiency.

Digital work flow



- 5mins high efficiency bionic staining

Super Vision Stain&Glaze, the easiest and fastest way to stain and glaze for the ultimate in bionic aesthetics.



- 14-unit long bridge, strong and safety

1200Mpa neck high strength, easy to process all kinds of full anatomical form long bridge, anti-fracture, more durable.



- Versatility of application range

Expect exceptional design flexibility - from veneers to full-arch restorations.

- Veneer
- Crown (Anterior/Posterior)
- Long-span Bridge
- Inlay & Onlay
- Inner crown



- Rich colors and complete specifications

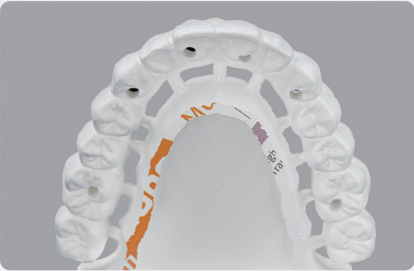
Disc system: 98mm, 95mm, 92*75mm

Translucency: 42% to 57%

Strength: 750MPa-1200MPa

Sizes :10mm/12mm/14mm/16mm/18mm/20mm/22mm/25mm/30mm

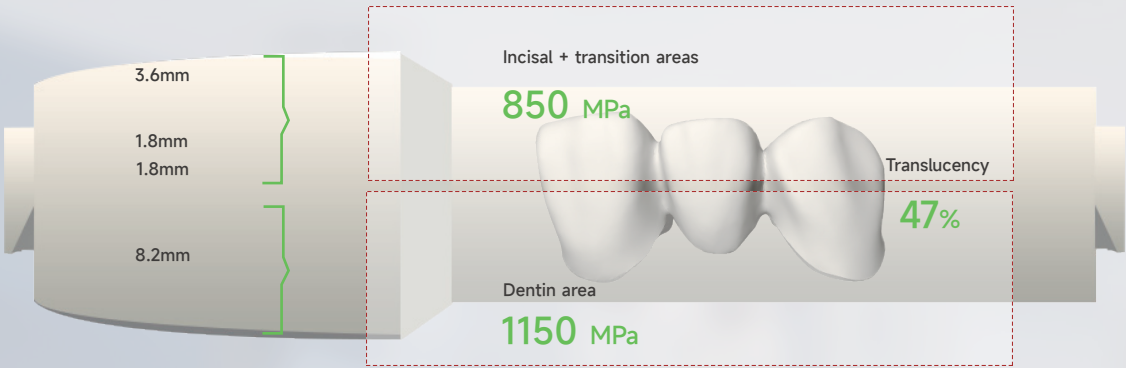
Shades: 16 VITA Classical Shades, 4 Bleach Shades



Gemstone *SHT*- Multi

Super high translucency aesthetic solution for anterior teeth

- 47% translucency, strong and beautiful



- 5mins high efficiency bionic staining

Super Vision Stain&Glaze, the easiest and fastest way to stain and glaze for the ultimate in bionic aesthetics.



- 88mins fast sintering

Perfectly compatible with rapid sintering for improved processing efficiency.



- Super translucency anterior aesthetics

Highly aesthetic, naturally translucent, easily realised anterior aesthetics.



- Versatility of application range

Expect exceptional design flexibility - from veneers to full-arch restorations.

- Veneer
- Crown (Anterior/Posterior)
- Long-span Bridge
- Inlay & Onlay
- Inner crown

- Optional colors and specifications

Disc system: 98mm 95mm 92*75mm

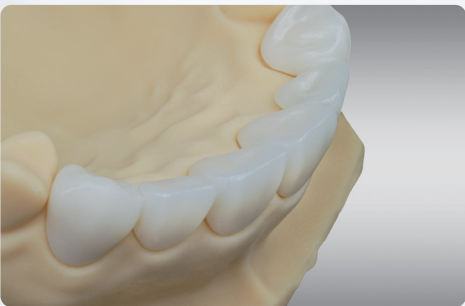
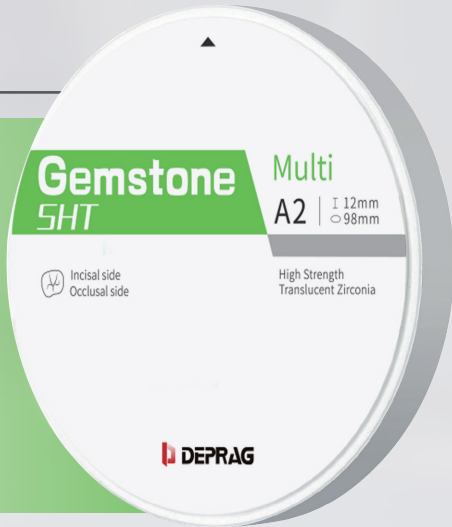
Translucency: 47%

Strength: 1150MPa

Sizes : 10mm/12mm/14mm/16mm/18mm/ 20mm/22mm/25mm/30mm

Shades: 4 Bleach Shades 5 VITA Classical Shades

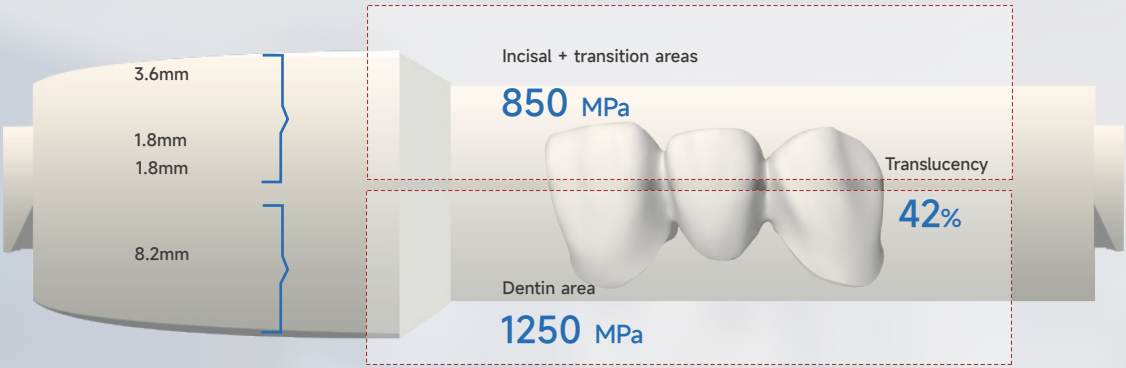
BL1 BL2 BL3 BL4 A1 A2 A3 B1 B2



Gemstone *ST* - Multi

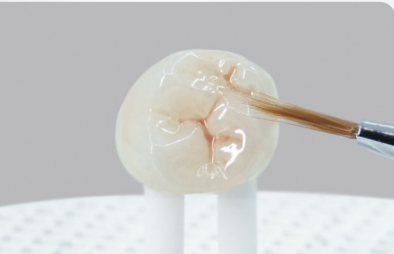
All types of high-strength solutions

Highly translucent, strong and beautiful



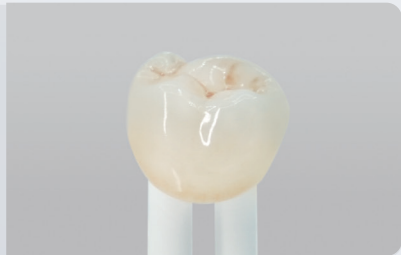
5mins high efficiency bionic staining

Super Vision Stain&Glaze, the easiest and fastest way to stain and glaze for the ultimate in bionic aesthetics.



88mins fast sintering

Perfectly compatible with rapid sintering for improved processing efficiency.



High strength, stronger and more stable

1250Mpa strength, easily adapted to complex long bridge restorations, no fracture trouble.



Versatility of application range

Expect exceptional design flexibility - from veneers to full-arch restorations.

- Veneer
- Crown (Anterior/Posterior)
- Long-span Bridge
- Inlay & Onlay
- Inner crown

Optional colors and specifications

- Disc system:
- 98mm
 - 95mm
 - 92*75mm

Translucency: 42%

Strength: 1250MPa

Sizes : 10mm/12mm/14mm/16mm/18mm/ 20mm/22mm/25mm/30mm

Shades: 16 VITA Classical Shades

- A1 A2 A3 A3.5 A4
- B1 B2 B3 B4
- C1 C2 C3 C4
- D2 D3 D4



	Product	Strength	Translucency	Shades	Disc system	Thickness
	3D Ultra	Incisal:850MPa Dentin:1100MPa	Incisal:49% Dentin:43%	A1,A2,A3,A3.5,A4 B1,B2,B3,B4 C1,C2,C3,C4 D2,D3,D4 BL1,BL2,BL3,BL4	98mm,95mm,92*75mm	10,12,14,16,18,20,22,25,30mm
	3D Pro	Incisal:750MPa Dentin:1200MPa	Incisal:57% Dentin:42%	A1,A2,A3,A3.5,A4 B1,B2,B3,B4 C1,C2,C3,C4 D2,D3,D4 BL1,BL2,BL3,BL4	98mm,95mm,92*75mm	10,12,14,16,18,20,22,25,30mm
	SHT-Multi	1150MPa	47%	A1,A2,A3 B1,B2 BL1,BL2,BL3,BL4	98mm,95mm,92*75mm	10,12,14,16,18,20,22,25,30mm
	SHT-Color	1150MPa	47%	A1,A2,A3 B1,B2	98mm,95mm,92*75mm	10,12,14,16,18,20,22,25,30mm
	SHT-White	1250MPa	48%	White	98mm,95mm,92*75mm	10,12,14,16,18,20,22,25,30mm
	ST-Multi	1250MPa	42%	A1,A2,A3,A3.5,A4 B1,B2,B3,B4 C1,C2,C3,C4 D2,D3,D4	98mm,95mm,92*75mm	10,12,14,16,18,20,22,25,30mm
	ST-Color	1250MPa	42%	A1,A2,A3,A3.5,A4 B1,B2,B3,B4 C1,C2,C3,C4 D2,D3,D4	98mm,95mm,92*75mm	10,12,14,16,18,20,22,25,30mm
	ST-White	1350MPa	43%	White	98mm,95mm,92*75mm	10,12,14,16,18,20,22,25,30mm

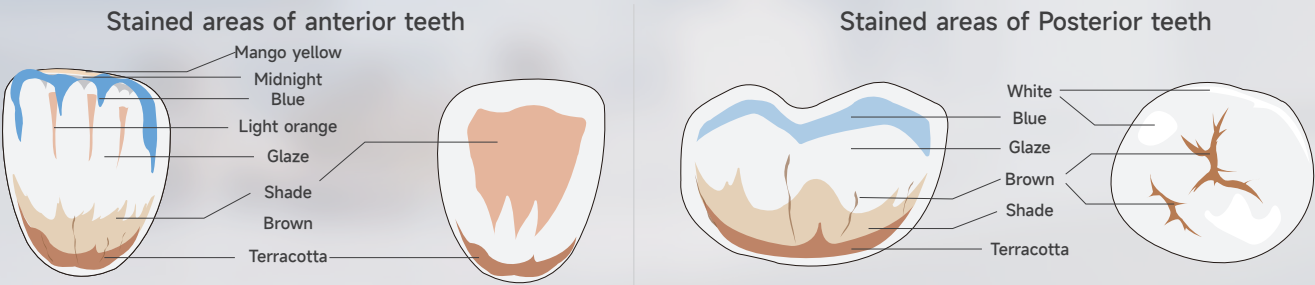
Super Vision Stain & Glaze

The Aesthetics kit contains a full range of stain individual products that can meet the basic needs of all-ceramic restorations in vitro staining. Achieving a higher level of effect processing and the ultimate aesthetic experience.

The colors of the Super Vision Gum kit follow the natural structure of the gum tissue and the highly contoured ceramic particles quickly achieve a three-dimensional, lifelike bionic aesthetic effect.



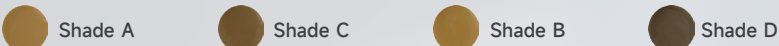
Examples of The Use of AESTHETICS KIT



AESTHETICS KIT color display

Basic Color Stains

Systematic realization of natural chromaticity



Effect Stains

Used to accurately reproduce natural tooth colors and characteristics



Liquids

Carry out paste dilution

Diluting liquid Refreshing liquid

Glaze

For permanent surface shine

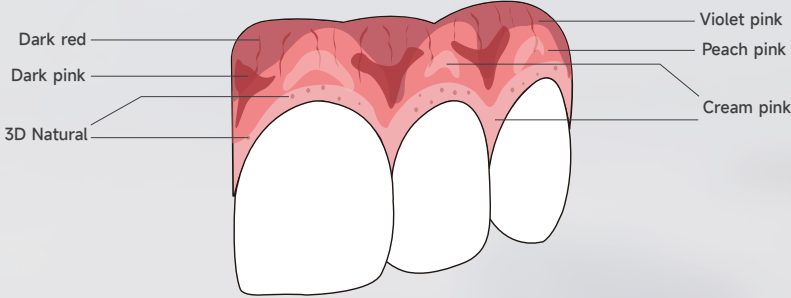


3D Natural

Improve molding force and conduct bionic form stacking



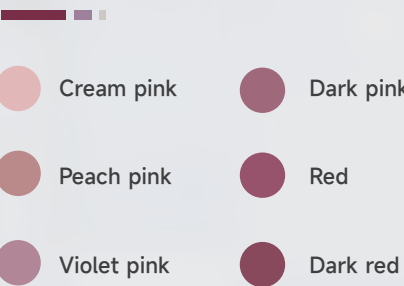
Examples of The Use of GUM KIT



GUM KIT color display

Basic Color Stains

Systematic realization of natural chromaticity



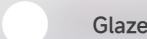
Liquids

Carry out paste dilution

Diluting liquid Refreshing liquid

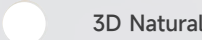
Glaze

For permanent surface shine



3D Natural

Improve molding force and conduct bionic form stacking



Gemstone Zirconia Aesthetic Restoration Solution

Highly efficient bionic aesthetics - Highly precise zirconia restorations are digitally machined, gorgeous aesthetics are achieved with superior top coat pastes, and productivity is revolutionized with a time-saving process.



1.Scan & Design

DS7 — No More Waiting

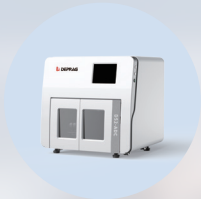
Without post-processing time, faster and more realistic reproduction of the model form.



2.Material Selection

Gemstone 3D Pro/Ultra - the basis of bionic aesthetics

Bionic aesthetics zirconia with excellent performance and aesthetic effect.



3.Milling

D52-ADC - Automatic milling equipment

Powerful, 5-axis high-precision, automated processing of high-quality restorations



4.Sintering

S7 - fast sintering, a must for capacity increase



5.Glazing

Super Vision Stain&Glaze - Lifelike Restoration



6.Firing

P7 - the modern intelligent porcelain firing furnace