

HUGE



Shandong Huge Dental Material Corporation

Add / No.68 Shanhai Road, Donggang District, Rizhao City, Shandong Province, 276800, P.R. China.

Tel / +86 (633) 2277268 marketing@hugedental.com www.hugedental.com

Facebook Huge Dental

Instagram Huge Dental

Youtube Huge Dental

CLINICAL SOLUTION



CLINICAL SOLUTION

01 Invisible Orthodontic Aligner



02 Digital Intraoral Scanner



03 PERFIT Impression Materials



04 Glass Ionomer Cement Restorative Materials



05 TopCEM Adhesive Resin Cement Solution



06 TrusFIL Composite Restorative Solution



ORTHODONTIC APPLIANCE



Why HUGE Clear Aligner?

- 01 Innovative Double-Aligner System**
To ensure the ideal treatment outcomes, HUGE takes the soft aligner to start gently and uses the thicker aligner to control dental root movement precisely.
- 02 Full Treatable Cases**
HUGE covers the treatable cases from mild cases to complicated cases, suitable to correct various malocclusions.
- 03 Expert Orthodontist-Led Team**
Programmed by the expert HUGE orthodontist-led team with scientific and accurate tooth movement, the 3D plan satisfies the requests from doctors and patients.
- 04 Intelligent Software & System**
The self-built system and portal from HUGE provide the ortho system & dealer system.
The convenient multi-interface 3D viewers include Web, Studio, and APP.
The intelligent 3D treatment plan sharing-link function is conducive to effective communication.

- 05 Short Turnaround Time**
HUGE pursues the high-efficient 3+4 mode, 3 days for 3D plan programming, and 4 days for aligners fabrication.
- 06 Professional Training Supports**
HUGE offers online and offline training courses for better doctor practice potential exploration and development.

Your Smile.
Our Mission.



Classic Aligner

Supported by HUGE professional orthodontist team, HUGE Classic aligners are made of the high-quality biomedical polymer material to give the new smiles.

Premium Aligner

With a soft aligner and a hard aligner for each step, HUGE Premium helps speed up complex tooth movement, even more comfortable.

Retainer

Make the teeth retain their proper alignment, keeping the teeth at the ideal position, minimising any relapse.

Premium Aligner



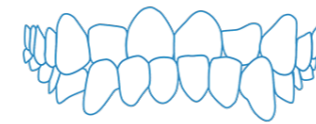
White Label Service

- **Full Treatable Cases:** including Software + Treatment Plan
- **Clear aligner fabrication:** fabricate the aligners with your brand
- **Integrated solution:** including Software + Treatment Plan + Aligners



Indications

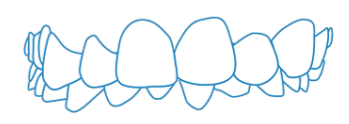
The Invisible Orthodontic Appliance is indicated for the correction of tooth malocclusion in patients with permanent dentition. The Invisible Orthodontic Appliance moves the teeth by continuous gentle force.



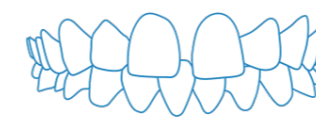
Underbite



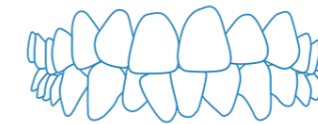
Open Bite



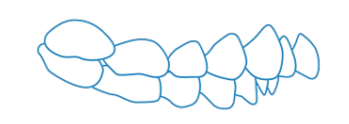
Deep Overbite



Spaced Teeth



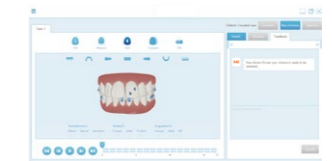
Crowded Teeth



Protrusion

Process of Clinical Application

- **Clinical reception**
Clinical examination + necessary treatment + photos and X-rays
- **Case submission**
PVS impression/oral scanning file + photos and X-rays
- **3D scheme confirmation**
scheme review + suggestion submission + scheme confirmation
- **Aligner fabrication**
3D printing + compressing impression + cutting + trimming and polishing
- **Wearing**
Clinic operation + patients' wearing guidance
- **Completion of treatment**
Confirmation form + photos and X-rays + impression taking + retention



IMPRESSION MATERIAL



PERFIT Putty

Indication

- Crowns, bridges, inlays, onlays, implant and orthodontics impression.
- Recommended to take two-step impression technique together with PERFIR Light Body.

Advantages

- Easy to operate.
- Good linear dimensional stability.
- High tear strength and tensile strength.
- Available in normal set and fast set.



Packaging

- 400g*1 Base
- 400g*1 Catalyst
- 2 Measuring Spoons



Packaging

- 400g*1 Putty Base
- 400g*1 Putty Catalyst
- 2 Measuring Spoons
- 50ml*1 Light Body Bio-cartridge



Packaging

- 400g*1 Putty Base
- 400g*1 Putty Catalyst
- 2 Measuring Spoons
- 50ml*1 Light Body Bio-cartridge



Elastomeric Impression Material

PERFIT elastomeric impression material is a high viscosity vinyl polysiloxane impression material, with remarkable tear strength, dimensional accuracy and excellent resistance to deformation.

| Technical Parameter | Putty | | Light Body | |
|---|------------|--------------|------------|--------------|
| | Normal Set | Fast Set-New | Normal Set | Fast Set-New |
| Type | Normal Set | Fast Set-New | Normal Set | Fast Set-New |
| Mixing Time | 30s | 30s | / | / |
| Total Working Time (Temperature:23°C, Humidity:50%) | 1min30s | 1min15s | 2min15s | 1min30s |
| Setting Time in oral cavity | 3min | 2min30 | 3min30s | 2min30s |
| Elastic recovery | > 99.5% | | > 99.5% | |
| Dimensional change rate | < 0.2% | | < 0.2% | |
| Hardness Shore A | ≈67 | | ≈56 | |
| Shelf life | 2 years | | 2 years | |

PERFIT Light Body

Indication

- Crowns, bridges, inlays, onlays, implant and orthodontics impression.
- Recommended to take two-step impression technique together with PERFIR Putty.

Advantages

- Excellent hydrophilicity.
- Extraordinary flow property and stability.
- Outstanding thixotropy ensures a better clinical experience.
- Available in normal set and fast set.



Packaging

- 50ml*2 Cartridge



Packaging

- 50ml*2 Cartridge
- 12 Mixer
- 12 Oral tips



Packaging

- 50ml*1 Light Body Cartridge
- 25g*4 Putty Hand-mix
- 3 Mixer
- 3 Oral tips

Elastomeric Impression Material



| Technical Parameter | Heavy Body/Dispenser-Mix | | Heavy Body/Auto-Mix | |
|--|--------------------------|----------|---------------------|----------|
| | Normal Set-New | Fast Set | Normal Set-New | Fast Set |
| Type | | | | |
| Total Working Time (Temperature:23°C, Humidity:50%) | 2min | 1min30s | 2min | 1min30s |
| Setting Time in oral cavity | 3min30s | 3min | 3min30s | 3min |
| Hardness Shore A | ≈68 | | ≈68 | |
| Shelf life | 2 years | | 2 years | |

PERFIT Heavy Body-Dispenser mix

Indication

- Accurate impression for crowns,bridges, inlays, onlays.
- Single-step technique for implant impression.

Advantages

- Good mixing quality, avoid bubbles.
- High precision and dimensional stability.
- High tear strength and tensile strength.
- Suitable working and setting time ensure high clinical efficiency.



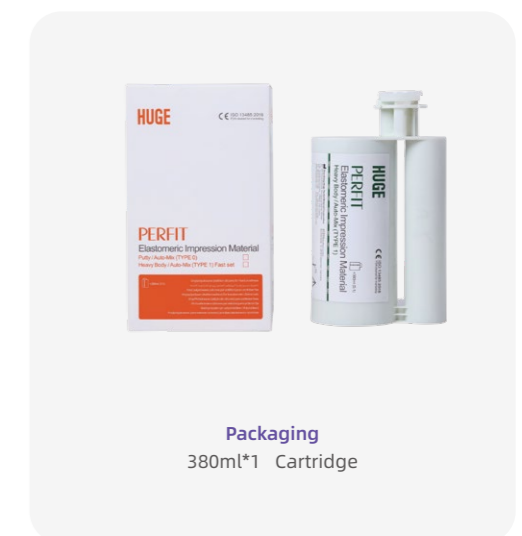
PERFIT Heavy body-Auto mix

Indication

- Accurate impression for crowns,bridges, inlays, onlays.
- Double-step technique with Light Body.
- Single-step technique for implant impression.

Advantages

- Easy and efficient operation.
- Excellent ratio, saving material.
- Good mixing quality, avoid bubbles.
- High dimensional stability.
- Combination with Light body to offer higher precision.



Impression Kit

Home Impression Kit

Versatile solutions

Widely used in on-line oral treatment like invisible orthodontic, teeth beauty and sports mouthguard, for patients to take teeth impression at home

HUGE standard package

- Putty Base 25g*4+ Putty Catalyst 25g*4
- Upper trays*2 + Lower trays*2
- Instruction for Use*1



Customized Options

- 01 Complete Solution Provider**
Integrated product supply
- 02 Rich Customized Options**
Diversified product configuration combination
- 03 Reliable Quality**
Same material with HUGE Perfit

Advantage



Total Solution Provider



Rich Customized Options



Reliable Quality

A-Silicone for Bite Registration



PERFIT Bite Registration

Indication

- Accurate occlusal registration.

Advantages

- Accurate bite record with high hardness
- High rigidity and easy trimming
- High dimensional stability



| Technical Parameter | Bite Registration | |
|--|-------------------|----------|
| | Normal Set-New | Fast Set |
| Type | Normal Set-New | Fast Set |
| Total Working Time (Temperature:23°C, Humidity:50%) | 30s | 12s |
| Setting Time in oral cavity | 1min30s | 45s |
| Shore A Hardness | 89 | |
| Shelf life | 2 years | |

Elastomeric Impression Material

Regular Body-Dispenser mix

Indication:

Efficient clinical restoration tool for making transparent guides on

- Anterior aesthetic restoration
- Indirect attachment bonding of traditional aligner
- Implant impression technique
- Occlusal stamp for light curing composite restorations

Advantage:

- Reduce operation difficulty, improve restoration quality and clinical convenience.
- Cut down chair time and re-diagnosis.
- Minimize material waste



Packaging
50ml*2 Cartridge



| Technical Parameter | Regular Body |
|--|--------------|
| Total Working Time (Temperature:23°C, Humidity:50%) | 1min30s |
| Setting Time in oral cavity | 3min |
| Total Working time | 4min30s |

Features:

- EXTREME TRANSPARENCY: Guarantee the perfect photopolymerisation of the composite used for the restoration.
- IDEAL RIGIDITY: Ensure the original shape remains unaltered, and repositioning without deformations.
- HIGH AESTHETIC RESULTS: Help to achieve excellent aesthetic results, and simplify the clinical procedures.

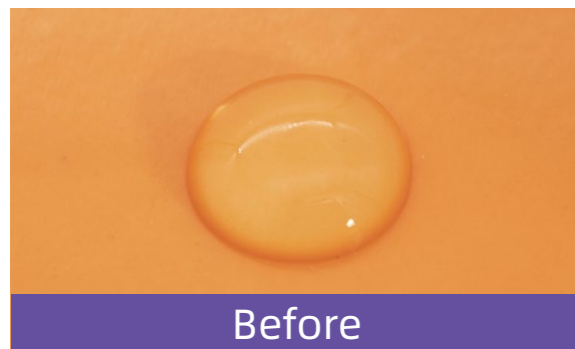


Advantages

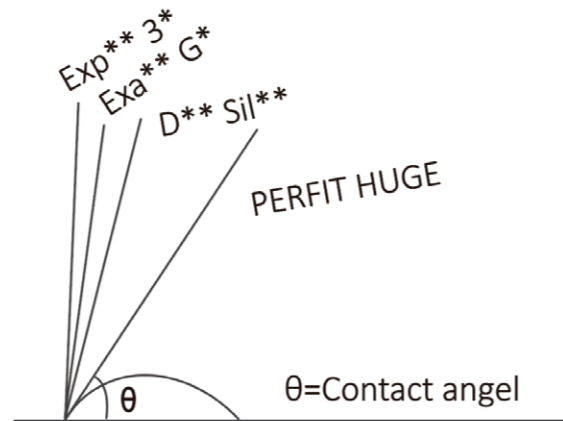
Precise

Waterdrop Test ▼

Hydrophilicity test in 2 secs

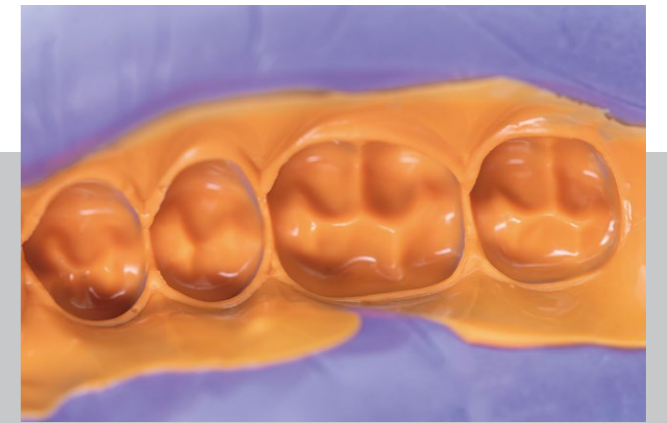


*According to HUGE laboratory test results



Contact angles of Light body with different brands

Excellent hydrophilicity helps obtain the details quickly and reduce the risk of bubble formation, thus guarantee a high level of precision.



High flowability allows to reach the less accessible spaces of the gingival sulcus

Drip Test ▼

Outstanding thixotropy ensures a better clinical experience.



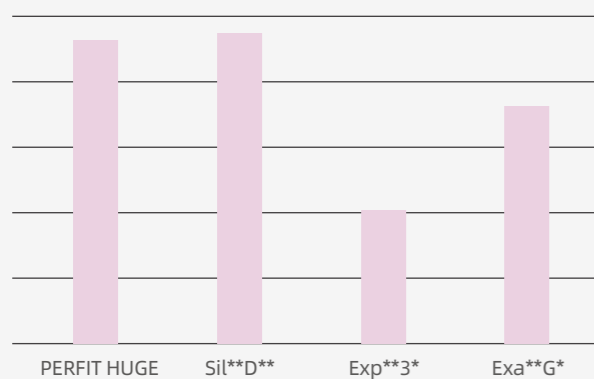
Perfit Light Body



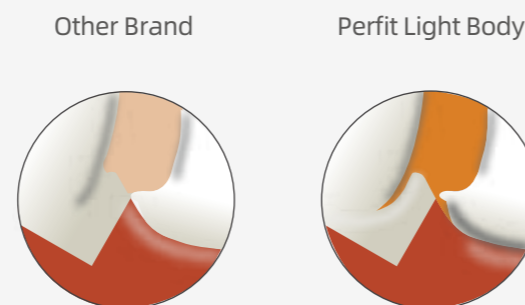
Other Brand

VS

Flowability Test ▼



Flowability of different brands Light body under a certain pressure



*According to HUGE laboratory test results

HUGE
Perfit Light Body

Sil**D**

Exp**3*

Exa**G*



Viscosity Test Under Static Condition

*According to HUGE laboratory test results








Silicone Impression Material

Stable ▼

no deformation up to 4 weeks

Due to excellent linear dimensional stability, impressions made from Perfit are very stable and can be stored for up to 4 weeks without deformation.

Excellent silicone impression material will keep the impression dimensional change rate $< 0.2\%$. This is an important condition for obtaining accurate impressions. As a result, the technician can create a more precise restoration based on the impression.

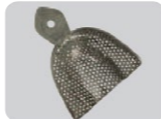









| | Standard Package | Trial Package | Accessory | |
|--------------------------|-------------------------------------|--|---|---|
| Putty Hand-Mix | 400g*2 | Putty 50g*2 + Light Body 50ml*1 |  | |
| Light Body Dispenser-Mix | 50ml*2 | Putty 25g*4 + Light Body 50ml*1 + Mixer*3 + Oral tips*3 |  | |
| Set B | Putty 400g*2 + Light Body 50ml*1 | | | |
| Heavy Body Dispenser-Mix | 50ml*2 | |  |  |
| Bite Registration | 50ml*2 | |  | |
| Regular Body | 50ml*2 | | |  |
| Heavy Body Auto-Mix | 380ml*1 | |  | |



Operation procedures

For PERFIT Putty & Light Body

Take the normal set as an example:

- STEP 01** **Choose a suitable tray**
A rigid tray of sufficient size and wall height is recommended to offer stability and support for impression. 
-
- STEP 02**
Clean and dry hands, disposable polythene gloves are recommended.  
-
- STEP 03** **Take the first impression**
Base and catalyst 1:1 with corresponding measuring spoons
Use the fingertip to mix the materials till the mixture color become even without streak, Mixing time 30s.
Knead the putty into a stick and place in the tray, seat the tray slowly into correct position, total operation within 1min30s
Bite and maintain passive pressure for 3min until material becomes solid.   
-
- STEP 04**
Adjust the putty impression with silicone cut to make out the row spillway space. 
-
- STEP 05**
Inject Light Body into putty impression and prepared tooth, the intraoral tip should remain submerged in material while syringing, total operation within 2min15s.  
-
- STEP 06**
Take the second impression, intraoral setting time 3min 30s. 

NOTES:

The setting time of additional polyvinyl siloxane silicone is affected greatly by temperature, so it will cure sooner if the temperature is higher.

For PERFIT Heavy Body



- 1.**
Insert the bio-cartridge into the mixer.



- 2.**
Inject Heavy Body onto the tray, and ensure the mixer is properly immersed in the material to avoid bubbles.

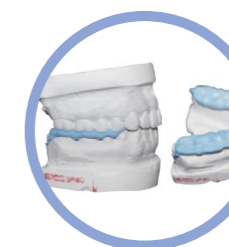


- 3.**
Take the impression.
Place the tray with Heavy Body into the patient's mouth slowly and accurately. When material is fully cured, remove the tray.

For PERFIT Bite Registration



- 1.**
Inject the bite registration material onto the tooth.



- 2.**
Bite in patient's mouth until the material solidifies.



- 3.**
Trim the bite registration with a scalpel, to avoid bite-raising.



- 4.**
Wheelhead is also recommended to trim the bite registration.

RESTORATION MATERIAL



Glass Ionomer Cement

Luting I

- Film thickness: 12-16µm.
- Ideal performance offers accurate matching.
- Compressive strength: >100MPa.
- Ideal particle size distribution.
- Makes it easy to mix and provides good operation experience.
- Low solubility and good edge sealing results.

| Packaging | MINI Package |
|-------------------------|-------------------------|
| 30g*1 Powder | 10g*1 Powder |
| 25g*1 Liquid | 10g*1 Liquid |
| 1 Measuring scoop | 1 Measuring scoop |
| 1 Mixing pad(50 sheets) | 1 Mixing pad(50 sheets) |



Filling I

- Compressive strength: >150MPa.
- 3 shades available.
- Ideal particle size distribution.
- Makes it easy to mix and provides good operation experience.
- Low solubility and water absorption, good edge sealing result.
- Continuous fluoride releasing.
- High X-ray radiopacity.

| Standard Package | MINI Package |
|-------------------------|-------------------------|
| 15g*1 Powder | 5g*1 Powder |
| 12g*1 Liquid | 5g*1 Liquid |
| 1 Measuring scoop | 1 Measuring scoop |
| 1 Mixing pad(50 sheets) | 1 Mixing pad(50 sheets) |



Luting II

Functions as both cementation and filling material.

- Film thickness guarantees accurate matching.
- Ideal particle size distribution.
- Makes it easy to mix and provides good operation experience.
- Compressive strength:
 - > 100MPa (Used for cementation)
 - > 180MPa (Used for restoration)
- Low stickiness to appliance.
- 4 shades available.

| Standard Package | MINI Package |
|-------------------------|-------------------------|
| 30g*1 Powder | 10g*1 Powder |
| 25g*1 Liquid | 10g*1 Liquid |
| 1 Measuring scoop | 1 Measuring scoop |
| 1 Mixing pad(50 sheets) | 1 Mixing pad(50 sheets) |



| Indication | | Luting I | Filling I | Luting II |
|---|-----------------------|----------|-----------|-----------|
| Inlay/Onlay/ Crown/Bridge | Ceramic/Glass Ceramic | ● | | ● |
| | Oxide Ceramic | ● | | ● |
| | Metal/Metal-Based | ● | | ● |
| | Composite Resin | | | |
| Post/Screw | Metal | ● | | ● |
| | Oxide Ceramic | ● | | ● |
| Orthodontic Bands | | ● | | ● |
| Primary Teeth | | | ● | ● |
| Class III, V and Limited Class I Cavities | | | ● | ● |
| Base Lining | | | ● | ● |
| Core Build-Up | | | ● | ● |
| Atraumatic Restorative Treatment | | | ● | ● |
| Cavity of Unstressed Area | | | ● | ● |

Restoration material



HugeBond Universal
Light Cure Dental Adhesive

Indication

- Direct bonding under a light-cured composite or compomer fillings.
- Repair of dental restorations of ceramic, composites and metal alloys.
- Indirect dental restorations cementation with resin cement.
- Seal hypersensitive areas of teeth.

Advantages

- Suitable for various substrates.
- Compatible with all etching techniques, with cement of light-cured, self-cured and dual cured.
- Strong bonding strength no lower than 20MPa.
- Low film thickness.
- Virtually no postoperative sensitivity.
- Low occurrence of microleakage prevents secondary caries.

Packaging
5ml*1 Bottle



TopCEM
Dual Cure Resin Cement

Indication

- Cementation of all sorts of dental restorations including crowns, bridges, inlays/onlays, veneers, dental posts and other restorations made from materials of metals/alloys, metal-ceramic, all-ceramic and/or porcelain, composites, and their combinations.

Advantages

- Dual cure offers flexible options.
- Sufficient working time and fast setting time.
- High flexural strength.
- Low film thickness, solubility and water absorption.
- Over 400% radiopacity.

Shade

- TR (Translucent), A0 (Light+), A1 (Light), A2 (Medium), A3 (Dark), White (White Opaque) and Opaque (Universal Opaque)

Technical Parameter

| | |
|---------------------------------------|----------------------------------|
| Working time | > 60s at room temperature (23°C) |
| Setting time (including working time) | ≤ 4.5 minutes intraorally (37°C) |

Packaging
8g*1 Syringe
(Optional: Mixing tips)



Restoration material



TopCEM - Ceramic primer

Packaging
5ml*1 Bottle

TopCEM Ceramic Primer

Ceramic Coupling Agent

Indication

- Ceramic Coupling Agent serves as a priming agent and is used to create a durable adhesion between luting composite and glass/oxide ceramic, metal, composite and fiber-reinforced composite restorations.

Advantages

- Quick solvent evaporation minimizes waiting time.
- Suitable for various restoration interfaces.
- Simple operation, easy to apply, compatible with light curing or dual curing resin adhesive.
- Significantly improve the bonding strength between the resin cement and the restoration.

P-Etchant

Phosphoric Acid Etching Gel

Indication

- Used for etching of tooth enamel and/or dentin.
- Used for cleaning of restoration surfaces prior to repairing or cementation.

Advantages

- 37% concentration
- Good rheology, locate accurately.
- Bright colors to identify.
- Easy to be rinsed off.
- Eliminate surface dirt and make it rough for bonding.

P-Etchant

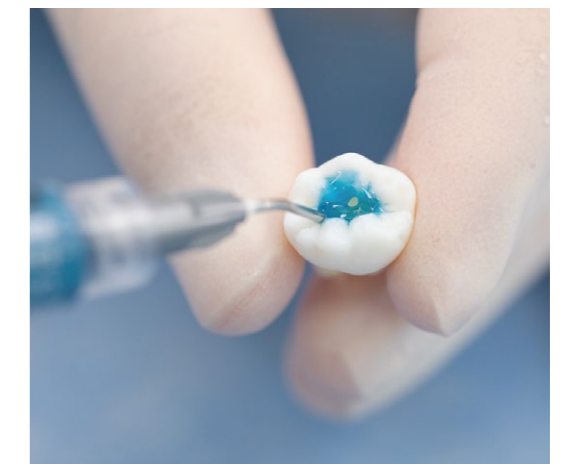
Hydrofluoric Acid Etching Gel

Indication

- Used for etching of various types of resin bonded porcelain/ceramic restorations prior to the bonding and cementation procedure.

Advantages

- 9% concentration.
- Good rheology, locate accurately.
- Bright colors to identify.
- Easy to be rinsed off.




Etchant System



Restoration material

Cements:



TopCEM-RMGI

Packaging
8g*1 Syringe
(Optimal: Mixing tips)

TopCEM-RMGI

Resin Modified Glass Ionomer Cement-Luting


Indication

- Cementation of crowns and bridges, inlays and onlays.
- Orthodontic bands.
- Final cementation of PFMs, metal crowns, all-alumina or all-zirconia strengthened core ceramic restorations to implant abutments.

Advantages

- Triple curing mechanisms.
- Radiopaque.
- Sufficient bond strength to tooth structure.
- No need of etchant or adhesive.
- Excess cement can be easily removed.

| Technical Parameter | |
|---|----------------------|
| Mixing Ratio (base:catalyst) | 1:1 |
| Working Time (minimum) | 1 minute 30 seconds |
| Intra-oral Setting Time (maximum, from initial mix) | 4 minutes 30 seconds |



TopCEM-Veneer

Packaging
2.5g*1 Syringe
10 Dispensing tips

TopCEM-Veneer

Light Cure Veneer Cement

Used for permanent cementation of veneer made from materials of porcelain/ceramic and composites.

Advantages

- Seven shades/ three opacity levels for best esthetic results.
- Light-cure-only system provides excellent color stability.
- High bond strength, low water absorption and solubility guarantee good durability.

Shade

- A1, TR, White, A3, A0



TopCEM-Try in

Packaging
2g*1 Syringe
10 Dispensing tips

TopCEM-Try in

Veneer Try-in Gel

Used to evaluate the shade and the matching of the restoration prior to permanent cementation.

Advantages

- Try-in pastes offer excellent color match to final cured cement.

Shade

- TR, A2, White, Opaque

Restoration material

Composites:

TrusFIL-Flow

Flowable Composite Restorative

Indication

- Restoration of minimally invasive cavity preparations (including small, non stress-bearing occlusal restorations).
- Base/liner under direct restorations.
- Repair of small defects in esthetic indirect restorations.
- Pit and fissure sealant.
- Undercut blockout.
- Repair of resin and acrylic temporary restorations.

Shade

- A1, A2, A3, B1, B2, C1, C2, OA2 (Opaque A2)

TrusFIL

Universal Composite Restorative

Indication

- Direct and indirect restorations
- Core build-up
- Splinting

Advantages

- Exceptional flexural strength, low water absorption and solubility.
- Easy to sculpt, trim and polish, with excellent results.

Shade


- A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4, EA1, EB1, EC1, ET, (Translucent), OA2 (Opaque A2)



Composite System



Prevention:



Sculptor's Gel/Paste

Packaging
1.5ml*1 Syringe
10 Dispensing tips

Proseal F

Enamel Coating Resin as pit & fissure sealant

Advantages

- Sustained release of fluoride ions can prevent the occurrence of secondary caries.
- It shows pink before curing, and opaque white after curing.
- High bond strength and flexural strength
- A large amount of fluorine, release for a long time
- Little pungent odor

TopCEM Elite System

Adhesive Resin Cement Solution



Indication




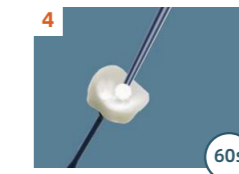

TopCEM Elite System is designed for cementation of all sorts of dental restorations including crowns, bridges, inlays/onlays, veneers, dental posts and other restorations, which are made of metals/alloy, glass ceramic, oxide ceramic (zirconia), metal-ceramic, all-ceramic, composites, and their combinations.

Packaging



| | |
|--------------|--|
| 5ml*1 | HugeBond Universal Light Cure Dental Adhesive |
| 8g*1 | TopCEM Dual Cure Resin Cement |
| 5ml*1 | TopCEM Ceramic Primer Ceramic Coupling Agent |
| 3ml*1 | P-Etchant Phosphoric Acid Etching Gel |
| Accessories: | Helical mixers, Dispensing tips, Mixing pad, Micro brushes |

Preparation/ Pretreatment (restorations)




· Porcelain /Glass Ceramic Restorations

-  1 Apply a layer of 9% hydrofluoric acid etching gel (HF-Etchant) to the restoration surface. Wait for 60 seconds.
-  2 Rinse thoroughly with water for 10 seconds.
-  3 Dry with oil-free air.
-  4 Apply TopCEM Ceramic Primer to the inner surface of the restoration, and wait for 60 seconds.
-  5 Dry the primed surface with oil-free air. *DO NOT TOUCH THE SURFACE WITH YOUR HANDS.

Preparation/ Pretreatment (teeth)

-  1 Clean the tooth to be cemented, rinse with water.
-  2 Gently dry the tooth surface with oil-free air or cotton pellets. Isolate the teeth with rubber dam. Be careful not to over dry.

[OPTIONAL]

-  A Apply P-Etchant to both enamel and dentin surface (Total etch) or to enamel surface only (Selective etch). Enamel: 20-30s, Dentin: Max 15s.
-  B Rinse the tooth surface thoroughly with water for 10 seconds. With a stream of water (0.2-0.4 MPa pressure) while using suction tube to ensure the field simultaneously.
-  C Gently dry the tooth surface with air.

Cementation/Application (Apply adhesive to teeth)

Note: Do not light cure bonding agent on the indirect restoration.

-  1 Dry the tooth surface with oil-free air for 2-3 seconds. Be careful not to over dry.
-  2 Apply HugeBond Universal to the tooth surface evenly in two consecutive coats within 20 seconds to ensure a shiny surface.
-  3 Dry the tooth surface with oil-free air for 10-15 seconds to remove the solvent.
-  4 Light cure the tooth surface for 10 seconds.

Cementation of restorations

· Bridges, inlays, onlays, veneers

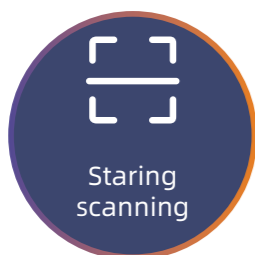
-  1 Place the 1:1 mixed TopCEM onto the primed surface of the restoration.
-  2 Seat the restoration on the tooth in position.
-  3 Light cure the excess cement in the margin for 2 seconds, remove and clean.
-  4 Light cure each side of the restoration for 10s, or wait for 4.5 minutes.
-  5 Finish and polish, adjust the occlusal.

ORAL SCANERS



Realistic color scanning

to help show a more detailed 3D image of the teeth



Staring scanning



AI technology



True color powder-free

A powder-free intraoral scanning device can display the teeth details in a high-definition natural view based on video dynamic intraoral scanning.

Staring 3D light structure scanning technology, high-speed and anti-shaking performance

AI technology makes you enjoy the smart experience and smooth scanning.

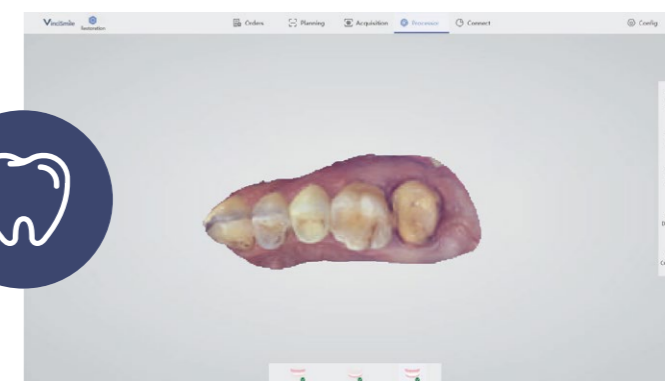
Intelligent tracking technology ensures fast recovery scanning of any oral position.

Multiple scanning heads, Infinite options

Multi functionality, safe and reliable, universal data format

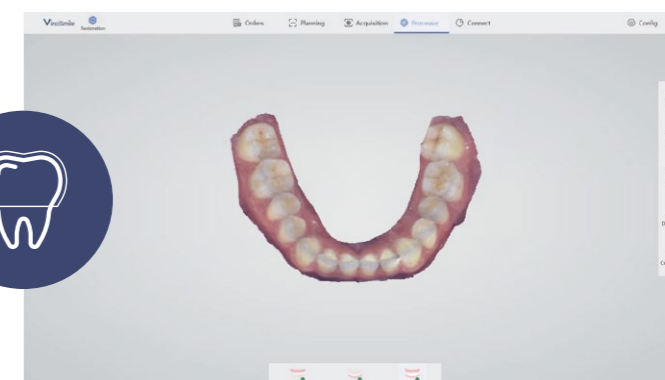
RESTORATION

Accurate and clear shoulder edge guarantees more efficient design. True color scanning can effectively distinct the gums and tooth structure. Fast scanning results permit immediate restoration.



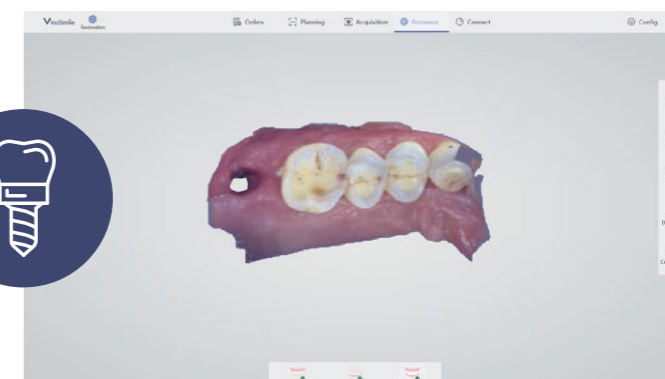
ORTHODONTICS

The full dentition scan has high accuracy and restores the true shape of the dental arch. Immediate treatment plan, low time-cost.

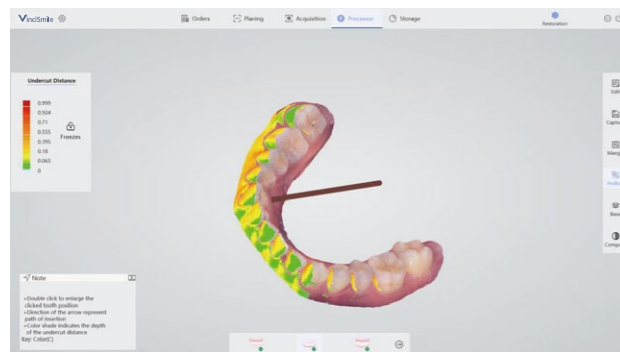


IMPLANT

Fast scanning speed, accurate scanning metal positioning rod. Great scanning depth, available 3mm data under cuff. Improved experience, no repeated scanning.

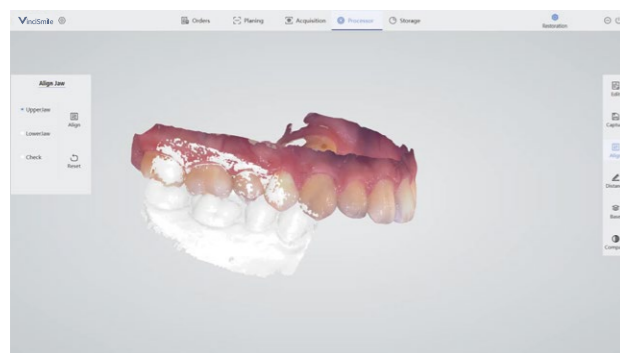


Software Highlights



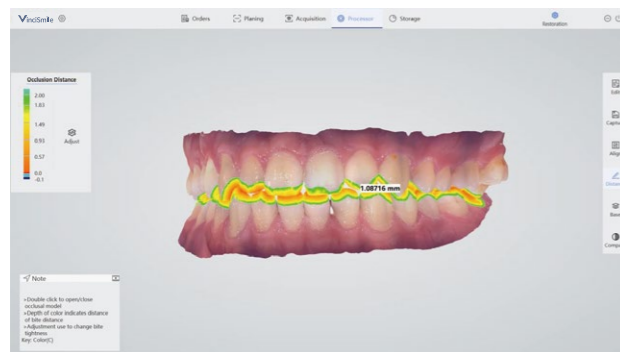
UNDERCUT AREA ANALYSIS

It allows to check the undercut at different perspectives. The undercut area will be marked with gradient color.



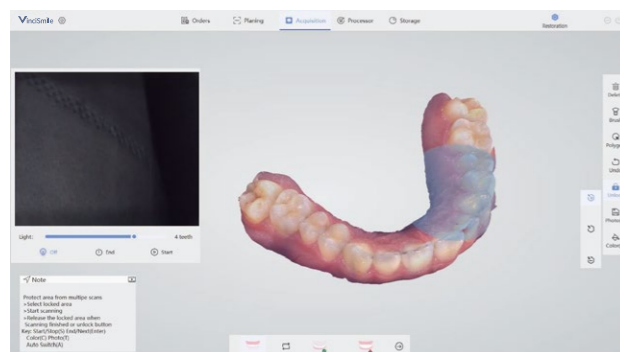
ALIGN

Recalculate the current occlusion relationship.



DISTANCE

It allows to calculate the occlusal distance and show the result, and to separate the upper and lower jaw to check the distance.

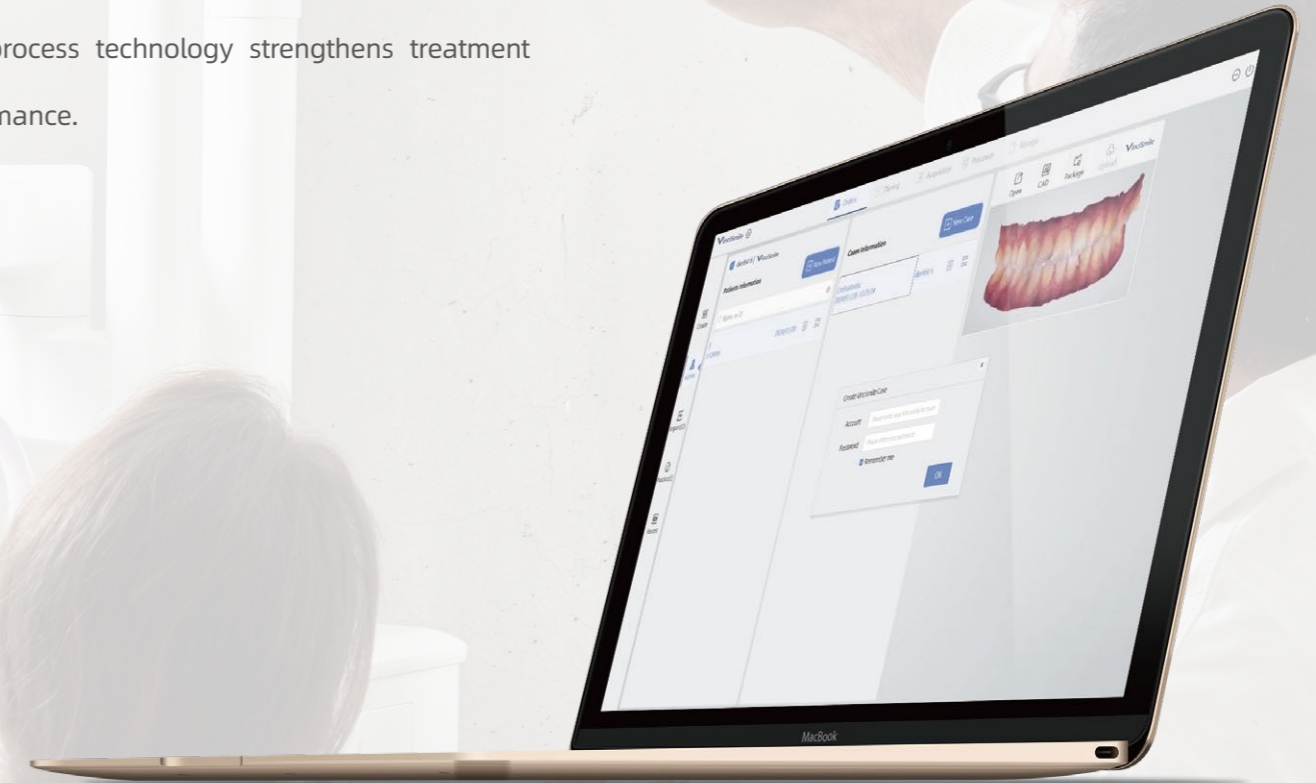


LOCK AREA

It is used to protect the area that you do not want to change during the scanning process.

Transmission in **Coming Soon** One-Click

Transmit your scanning data within the software, it's high-efficient and time-saving. The real-time data process technology strengthens treatment performance.



ANALYTICS



REAL-TIME



USER-FRIENDLY
HMI



Accurate, Precise, and Fast

Bring an unprecedented oral treatment experience

HUGE SCANNER

• SHORT TREATMENT PERIOD

Data can be obtained directly from the mouth, 3 minutes to take the model, and 1 hour to complete the denture restoration.

• HIGH DATA ACCURACY

High accurate scanning data, and it is convenient for data storage and trace.

• COMFORTABLE

Short mouth opening time, no abnormal sensation in the mouth, and available to be paused at any time.

• INFORMATIVE

The visual digital model can help analyze and simulate intraoral changes in time, such as tooth wear, gingival recession, etc.

TRADITIONAL IMPRESSION

• LONG TREATMENT CYCLE

It takes 5-10 minutes for impression and usually takes 1-2 weeks to complete the dental restoration. The rework rate is high.

• LOW DATA ACCURACY

Indirectly data access through multiple processes, e.g. impression, reversal, and scanning, which reduces the accuracy of data.

• UNCOMFORTABLE

Long patient's mouth opening time impacts impression taking experience, and the abnormal sensation will lead to nausea and vomiting.

• LESS INFORMATION

It is impossible to observe the dynamic changes based on the single static model data.

| HUGE Scanner | Parameters |
|-------------------------------|---|
| Scanning technology | Video scanning |
| Size (L*W*H) | 216mmx40mmx36mm |
| Weight | 246g |
| Tip | Multiple specifications, repeated usage |
| Specification (L*W*H) | 83.4x19.6x14.6mm |
| Window Size | 17x15mm |
| Scanning Depth | 15mm |
| Data Format | STL, PLY, PTY |
| Interface | USB 3.0 |
| Full Dentition Scanning Speed | < 5 min |



-  AI technology improves intelligent scanning experience.
-  Clear cervical margin, vivid color and high precision.
-  A variety of scanning tips to meet various complex cases.
-  Fast scanning speed, easy to use.
-  Portable and micro device, easy to operate.
-  Powder free for true color scanning.

Micro device, comprehensive vision, comfortable experience

Portable pen-type design

246g small and exquisite tip

14mm ultra-low entrance height

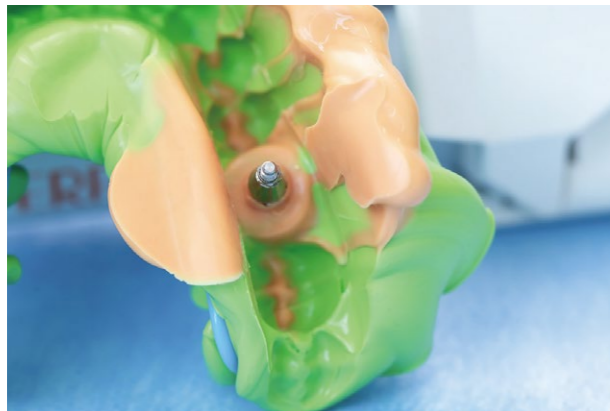
17mm excellent scanning depth



HUGE provides scenario-based solutions

HUGE offers dentists a comprehensive portfolio of high-quality materials.

HUGE has been committed to clinical aesthetic restoration, providing more professional solutions.



Implant Restoration Solutions

HUGE focus on implant solutions. From initial impressions to temporary restorations and final restorations, HUGE will be your most reliable partner.



Prevention and caries infiltration

Effective prevention is a priority, especially in the field of dentistry. HUGE has been focusing on the prevention of caries, especially the early protection of children's teeth.

We are there for you. HUGE

- All products that bear the HUGE name have been produced with the utmost care, rigorously controlled, and certified.
- Please believe in our ability and we will definitely provide you with better products.

You are welcome to contact us directly with any questions—

www.hugedental.com

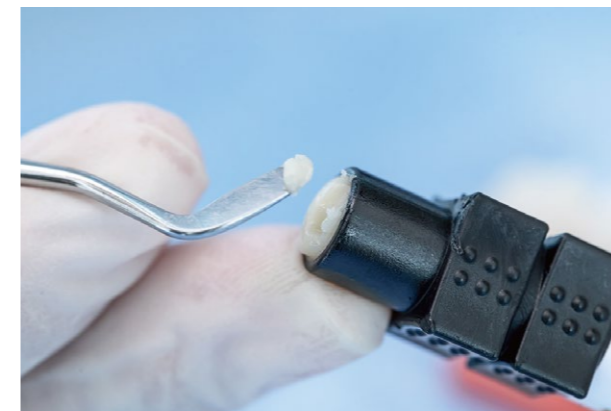
FDA Approved CE 1639 ISO 13485:2016



HUGE promises professional training

As a partner of dentists, HUGE aims to support you in all aspects, including product solutions and practice-related professional training activities.

With a professional R&D and clinical team, HUGE has carried out a variety of themed activities for clinical applications.



All Knowledge. All Free.

HUGE provides a variety of educational videos and live online courses, introducing HUGE's products and scientific background, and providing professional operation guidance.

Contact us for more details if you want to know.



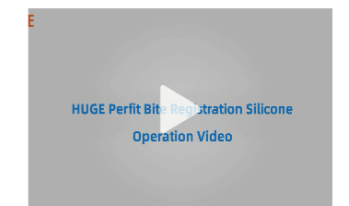
HUGE Regular Body(Transparent) Operation Guide 2



HUGE Regular Body(Transparent) Operation Guide 1



Huge Clear Aligner OEM Service



HUGE Bite Registration Silicone Operation Guide