




YOUR PARTNER IN PROSTHETIC DENTISTRY

TRUE COLOR SYSTEM 

www.hugedental.com
marketing@hugedental.com

HUGE

HUGE Profile

HUGE Dental is a global high-tech enterprise integrating dental product R&D, production, sales and service. HUGE Dental was the first multilayered synthetic polymer teeth manufacturer in China, and since then, HUGE Dental has been dedicated to becoming the leading supplier of dental materials in the world.

FDA CE

Cleared/ Listed

700+

Employees

31,000m²

Manufacturing &
research plant



HUGE

www.hugedental.com

HUGE History

100+

Sale Countries

50M+

Product Users

2006-2021

One of the most advanced Glass Ionomer Cement material research and development laboratories in China was established. Many newer dental products such as PMMA BLOCK, Zirconia Block, Light Curing Tray, PERFIT Elastomeric Impression were launched

2017-2020

The manufacturing and operation center of HUGE Dental Rizhao Park has been fully built in 2022, with a total area of 31,000 square meters. The Zirconia GM-3D, Flexible Block, A-Silicone for Laboratory, Gingiva Elite Kit, Aesthetic restoration series including TrusFIL Universal Composite Restorative and Light Cure Veneer Cement, as well as Cavity Prevention solution were launched.

2024 till now

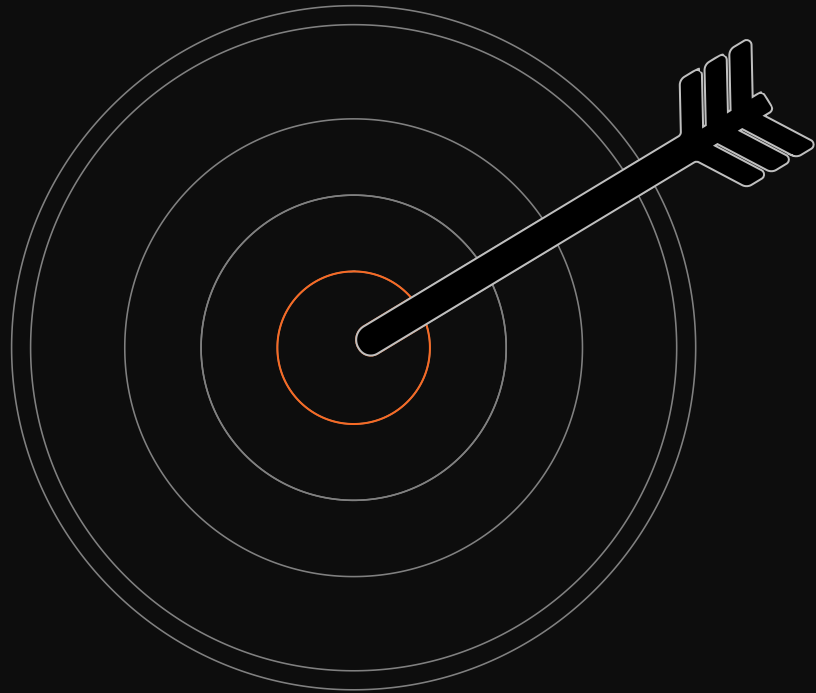
HUGE Dental, Established in Shandong, China in 2006, was dedicated to high-quality dental material R&D. 8 series of teeth with different mould design that can be applied to all races worldwide were launched.

2011-2016

HUGE R&D Center was created. Invisible Orthodontic Solution was launched. Many more new products for adhesive, direct restorations and indirect restorations are to be launched. VinciSmile Group LLC was founded in California, USA.

2021-2023

Since 2024, HUGE Dental has launched a comprehensive range of digital dental equipment, offering a one-stop solution for digital dental labs and chairside applications. Our product lineup includes: Nobil-3D Printing System, NOBILCAM-5X Milling System, MM-4D Zirconia Block, TrusFILX-Blend Universal Composite Restorative. These cutting-edge technologies provide dental professionals with enhanced efficiency and precision in their work.



HUGE Vision/Mission

Vision

To improve everyone's oral health.

Mission

- To empower global dentists.
- To provide quality products and support allowing our customers to succeed.
- To create a secure and challenging work environment for our employees.



HUGE Organizational Structure



01

Rizhao Stomatological Hospital

02

Sichuan Stomatological Hospital

03

Qingdao Xindu Stomatological Hospital

04

Qingdao Chunci Xindu Stomatological Hospital

05

Yantai Laishan Stomatological Hospital



Qingdao Xindu
Stomatological Hospital



Rizhao Stomatological Hospital



Sichuan Stomatological
Hospital

Managing 5 professional stomatological hospitals, our group improves the R&D capability of HUGE teeth materials and technology, as well as product clinic application and quality control.



Yantai Laishan Stomatological
Hospital



Qingdao Chunci Xindu
Stomatological Hospital

Our Advantages

True Color System



Global Marketing Network



Research & Development Power



Fully Certified with CE, FDA, MDL, ISO



Quality Control System





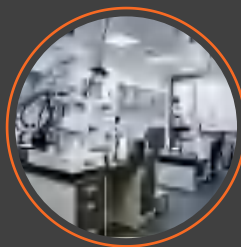
The Power of HUGE's **TRUE COLOR SYSTEM** in Consumables

"HUGE's TRUE COLOR system ensures that each product, from temporary to final, harmonizes in color and optical properties. This guarantees aesthetic consistency and optimal translucency across all prosthetic types."

Research & Development Center



Rizhao Digital Exhibition Hall



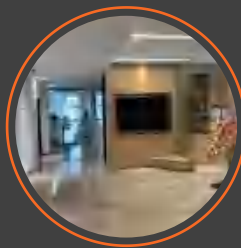
Beijing R&D Center

Covering an area of 300 square meters, Beijing R&D center focuses on the independent research and development of composite resin materials and glass ionomer cement.



Rizhao R&D Center

HUGE is equipped with 1,000 square meters of R&D laboratory in Rizhao, dedicated to the development and innovation of international high-quality dental clinical products and lab products.



Qingdao R&D Center

Qingdao R&D center focuses on digital dental medical devices, medical software development and digital design in the field of dental medicine.



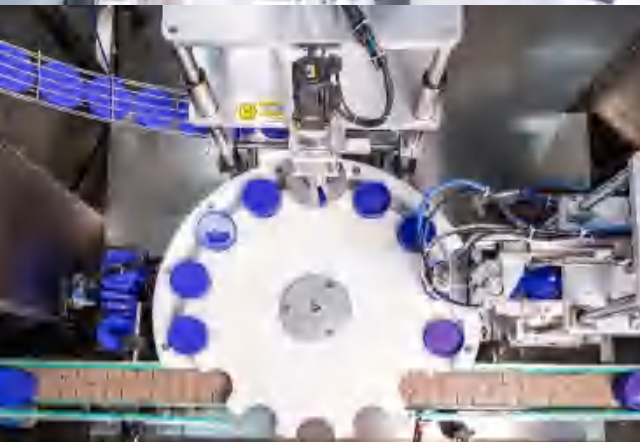
Suzhou R&D Center

The center is equipped with a 1012.31 square meter R&D laboratory, which is committed to the development and innovation of high-end digital dental products.

Quality Control System

- 01 Strict tests of raw materials before production
- 02 Traceable records from raw material to semi-finished product and that product
- 03 Regular checks and updates of steel moulds to confirm lifelike design and size consistence





Automated Mass Production

HUGE Dental stands out in production capacity with its impressive automated production machinery. Being completely self-designed and manufactured, the machinery is able to achieve a mass production capacity of 250,000 teeth per day, three times the manual capacity. This is not only a reflection of our strength, but more importantly, it can greatly improve production, shorten the order delivery time and deliver the goods to the customer as soon as possible.



Local Sales Network & Global Marketing Network



World Sales Reached
\$41 Million in 2023

Global Marketing Network

Sales team based in different countries, still increasing. There are more than 3000 dealerships worldwide.

We also attend global Exhibition, including IDS Koln, Adeec Dubai, IDEM Singapore, LAB DAY Chicago, CLOSP Brazil and so on.

Some of Our Business Partners ▶

3000+

Dealerships

ALPHABOND

HENRY SCHEIN®

Cjmedical

(주)한진덴탈
HANJIN DENTAL CO., LTD

proclinic

HUGE

Products Registration & Certification

Implementing strict QC standards for our industry, HUGE DENTAL has passed the **CE(EU)**, **FDA(USA)**, **MDL(Canada)**, ISO13485 and other quality system certifications and product registrations.

24

Sale Countries

10

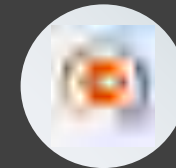
Canada

15

U.S.A

MDSAP

ISO13485 QC System



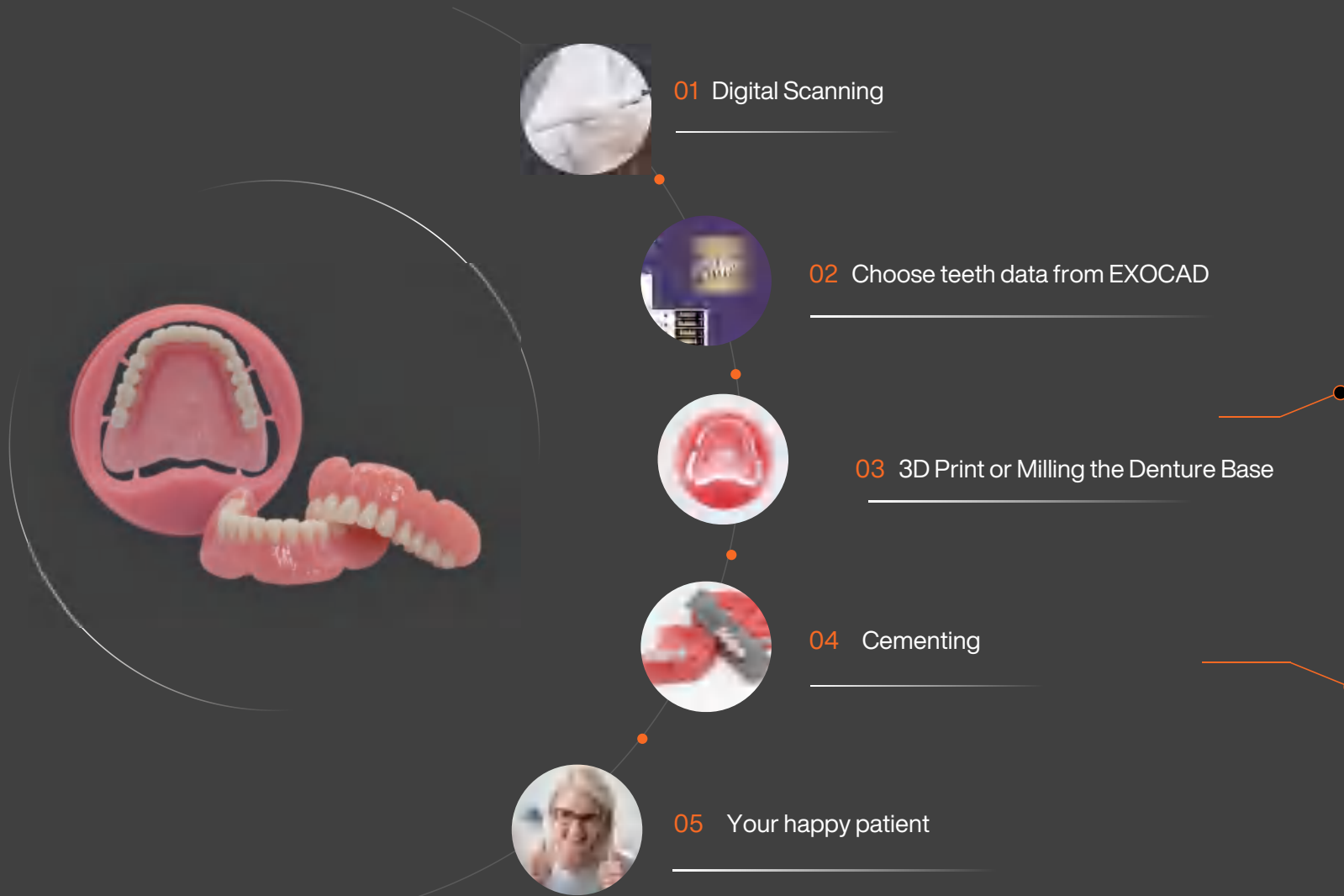
One-stop Dental Solution

Labside & Chairside Products

- ✓ Digitalife™ Full Denture Solution
- ✓ Removable Denture Solution
- ✓ Digitalife™ CAD/CAM Solution
- ✓ Dental Implant Solution
- ✓ Dental Chairside Solutions
- ✓ Invisible Orthodontic Solution



Digitalife™ Full Denture Solution



Pink PMMA BLOCK or 3D Print

Removable structures for dentures (Denture Base)



Synthetic Polymer Teeth

for Denture Teeth



10 series
211 Models
2-5 Layers
3 Materials
22 Shades

(16A-D.A00.A0,BL1,BL2,BL3,BL4)

why you benefit from HUGE prefabricated teeth:



All series tooth libraries available for exocad and 3Shape now!

10

series

211

Models

2-5

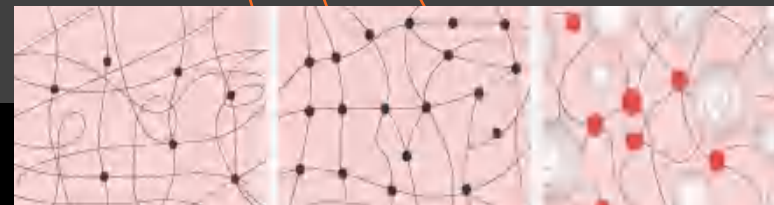
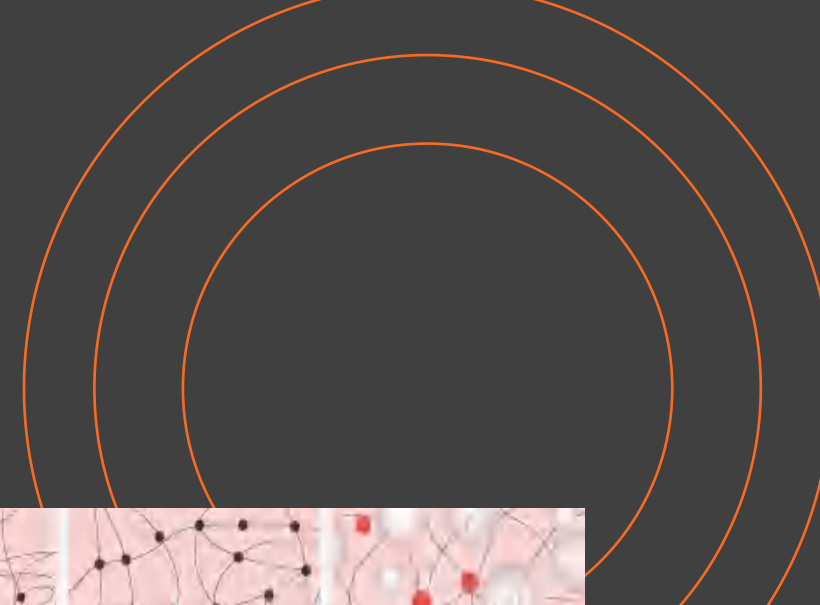
Layers

3

Materials

22

Shades



PMMA

DCL

Composite Resin

- ✓ Natural moulding and texture
- ✓ Opalescent play of colors
- ✓ Natural fluorescence



Extra hard teeth made from composite resin-KAIFENG & KAIPPLUS

- Measured Hardness HV0.2 ≥ 40
- Optimized Translucency and Brightness
- Durable Multilayer Structure
- Selected from Well-loved Morphology
- Enjoy Long-lasting Wear Resistance

Innovative Technology for Extra Hard Teeth

KAIPPLUS & KAIFENG Composite Teeth are designed for aesthetic, long-lasting and functional dentures.



A wide range of options from 2-layer to 4-layer.
All tooth moulds digitally available in exocad and 3Shape.

	PMMA	DCL	SPLINT	Composite ^[1]
Hardness HV0.2	18	22	26	40
Compressive strength MPa	313	370	373	250
Flexural strength MPa	120	130	132	132
Modulus of elasticity MPa	2235	2346	2360	2580

[1]: Test Report, HUGE Dental, 2024

[2]: Third-party Test Report, 2024

Abrasion Resistance ^[2]

Weight loss rate after 60,000 cycles with resin abrasives^[2]



Sonning Digitalife



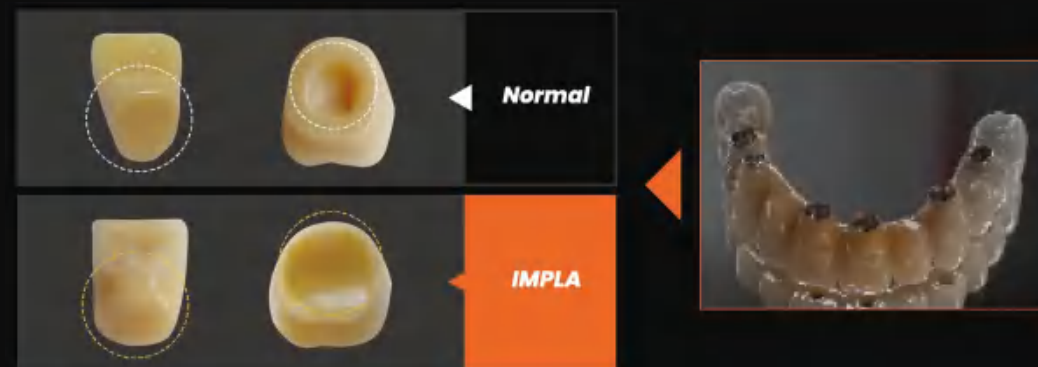
Specifically designed to fit with digitally manufactured denture base, Sonning Digitalife teeth can meet the requirements up to 70% of cases.

- ✓ Shorter in neck and concave ridge lap
- ✓ Pre-treated teeth save grinding time
- ✓ Optimized translucency than Sonning
- ✓ Undercut-free basal design

IMPLANT-SUPPORTED DENTURE SOLUTION

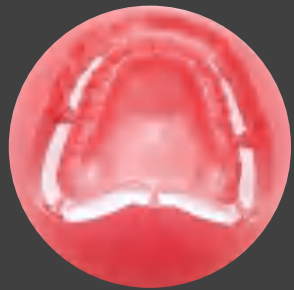
HUGE premium four tooth lines can be applied in making implant-supported dentures as well.

Thanks to their wider neck design and wear resistant materials, it's ideal to choose HUGE premium tooth lines for making implant-supported prosthetics.



Digitalife™ Full Denture Solution

A complete manufacturing process for the rapid digital production of removable full-arch dentures



Pink PMMA BLOCK
for Denture Base



Mutilayer PMMA BLOCK
for Dental Arch



Removable Denture Solution



Denture Base Polymers

Used to make acrylic denture base

- ✓ Lifelike natural beauty with various shades
- ✓ Highly pliable and shrink-resistant



Duplication Silicone Material

Detail-replicating precision and duplication

- ✓ High fitting precision
- ✓ Easy operation and various choices

Digitalife™ CAD/CAM Solution



01

Precision Scanning

02

Design

03

Manufacturing

Milling

Milling Unit-NOBILCAM 5X

Precise dry cutting equipment with 5-axis linkage



Zirconia Block

High quality and aesthetics final restorations



PMMA BLOCK

Temp restorations, night guards, digital denture, etc.



Printing

3D Printing Machine and Materials

3D printing dental models and other dental appliances



HUGE 3D Printer

HUGE 3D Printer is a dental 3D printer, specially developed for the dental field, with high stability and ultra-high molding accuracy. A variety of materials can be selected, equipped with materials for different applications, can be customized according to customer needs.

Highlights

01 Highly stable Z-axis Dual linear guideway design + ball screws	02 Automatic acrylic cover Automatic lifting function of the acrylic cover, automatic opening when printing is completed.	03 High precision molding High power DLP module 2560*1440px
04 ACF 3D Nano Mold Release Technology Dramatically reduces mold pulling resistance, increasing print speed and success rate	05 Self-developed integral light source Uniformity of light output up to 95%, better than parallel light source	06 Two choices of file transfer methods. Supports wireless and USB flash drive transfer. Offline Printing is available.



DLP Dental Specialty

95% light uniformity

Resolution:
2560*1440 pix

Print size:
158x89x100 mm





Milling Machine - NOBILCAM® 5X

NOBILCAM-5X is a dry cutting equipment with 5-axis linkage, designed with micron-level high-precision cutting and high-reliability performance. It provides you with a more efficient, powerful, accurate and stable processing experience.

Highlights

5-axis milling machine

1.5kw/60,000 rpm spindle

Milling accuracy within 0.02mm

Maximum indication versatility
with a rotating angle of +30°~90°
in the 5th axis

Digitalife™ CAD/CAM Solution

PMMA BLOCK & Casting Wax

Multilayer PMMA BLOCK ●—● Clear PMMA BLOCK

Monolayer PMMA BLOCK ●—● Full Denture PMMA BLOCK

Pink PMMA BLOCK ●—● Flexible Block





Digitalife™ CAD/ CAM Solution

Zirconia Block

Premium/Prime

- ✓ High Translucency (HT)
- ✓ High Strength (HS)
- ✓ Anterior Translucency (AT)
- ✓ Multilayer High Translucency (MHT)
- ✓ Gradient Multilayer (GM-3D)
- ✓ MaxMultilayer-4D: 15 layers Zirconia (MM4D)

Dental Implant Solution



Precise
impression-taking

Step 1



Model
fabrication

Step 2



Temporary
restoration

Step 3



Final
restoration

Step 4



Bonding
System

Step 5

Dental Implant Solution

Precise Impression

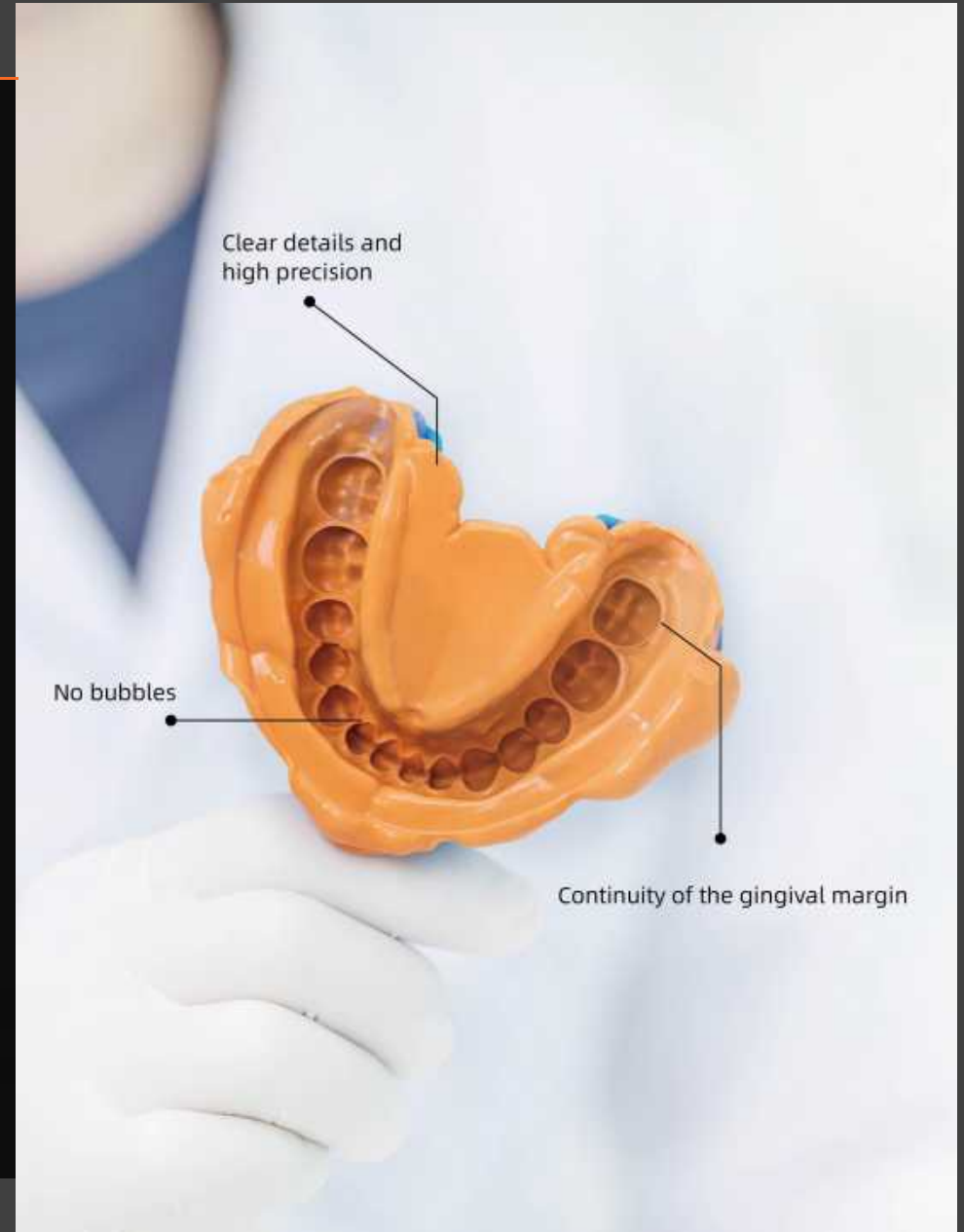


PERFIT

Elastomeric Impression Material

Putty · Light Body · Heavy Body
Bite Registration · Regular Body

- ✓ More than 15 years in clinical practice
- ✓ Customers in more than 80 countries
- ✓ Annual supply more than 12 million





Impression

When to use which material.


	PERFIT Putty	PERFIT Heavy	PERFIT Regular	PERFIT Light	PERFIT Bite
Crown and bridge impressions	■	■		■	
Inlay and onlay impressions	■	■		■	
Implant impressions		■		■	
Fixation impressions		■		■	
Functional impressions			■		
Bite registration					■

Perfect Precision For **Complex Impressions**

With an ideal combination of fowability and stability, PERFIT Heavy Body and Light Body can remain at the application site. They are the perfect material for **implant impressions** and **full denture impressions**.

Clinical Evaluation And Feedback

PERFIT Heavy Body & Light Body Fast Set

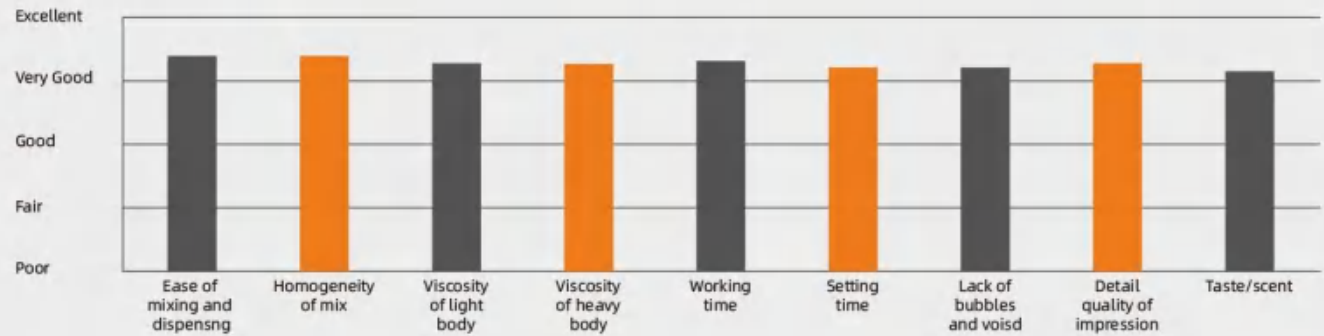


88% CLINICAL RATING

78% CONSULTANTS WHO WOULD RECOMMEND TO A COLLEAGUE



Evaluation Summary:



"Great detail and handling. Excellent hydrophilic property."

"The ease of loading and consistency of this impression material are very good."

"Very clean impressions, less bubbles."

—Comments from Dental Advisor Evaluators

“

Great Detail and Handling
Excellent Hydrophilic Property



» I've used this material for 6 months, it's easy mix and accurate dosing of the base and catalyst due to their homogeneity, no taste and smell, I like the density of the material too, there was no pores.

— Dr. Hanna Zelinska

» I'm very satisfied with the material, especially the high hydrophilicity and excellent adhesion between layers. One impression can be cast several models and still has good resistance to deformation.

— Dr. Andrey Zakharenko



Clinical Impression Cases



PERFIT

HUGE www.hugedental.com

FIXED AND IMPLANT-RETAINED PROSTHESES IMPRESSIONS
PERFIT ELASTOMERIC IMPRESSION MATERIALS AND A-SILOXANE FOR
ORIGIVAL MASK



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CASES: DEFINITIVE IMPRESSIONS FOR FULL-ARCH MAXILLA PROSTHESES
PRODUCTS: HUGE PERFIT ELASTOMERIC IMPRESSION MATERIALS



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CASES: DEFINITIVE IMPRESSIONS FOR FULL-ARCH MAXILLA PROSTHESES
PRODUCTS: HUGE PERFIT ELASTOMERIC IMPRESSION MATERIALS

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PERFIT Bite Registration

Scannable Bite Registration material for digital workflows.



- ✓ High final hardness (90 shore A hardness)
- ✓ Fast setting time (Fast Set 45s)
- ✓ Scannable
- ✓ Whipped-cream-like consistency



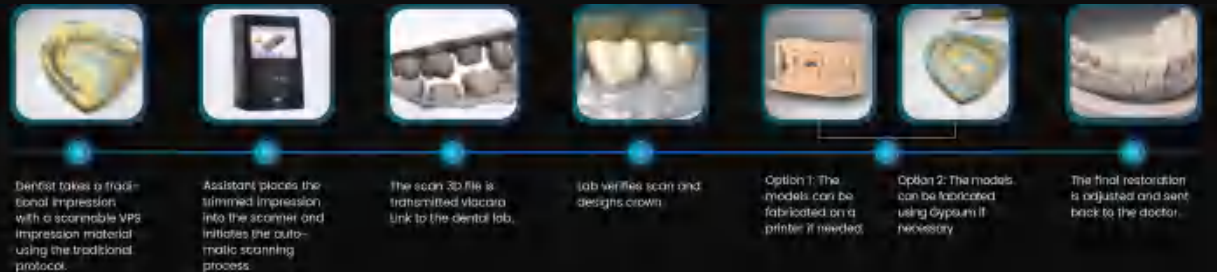
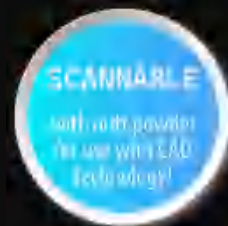
PERFIT Implant-New series

- ✓ PERFIT Implant Putty
- ✓ PERFIT Implant Heavy Body
- ✓ PERFIT Implant Light Body



Advantages

- Scannable material for digital workflow
- Excellent hydrophilicity and high precision
- Snap-Set Technology for maximum comfort
- Higher hardness suitable for implant impressions
- Fresh mint flavor



Dental Implant Solution

Model fabrication



A-Silicone for Gingival Mask

- ✓ Tear strength $\geq 10\text{kN/m}$
- ✓ Tensile strength $\geq 6.5\text{MPa}$



Light Curing Tray

- ✓ Both blue and pink colors are available Flexural strength $\geq 120\text{MPa}$

Dental Implant Solution

Bonding System

HugeBond Universal FliPro

Light Cure Dental Adhesive

- ✓ Compatible with total-etching and self-etching technique
- ✓ Strong permeability and high bonding strength
- ✓ Low micro-leakage, free of teeth irritation
- ✓ Easy operation and accurate drop control



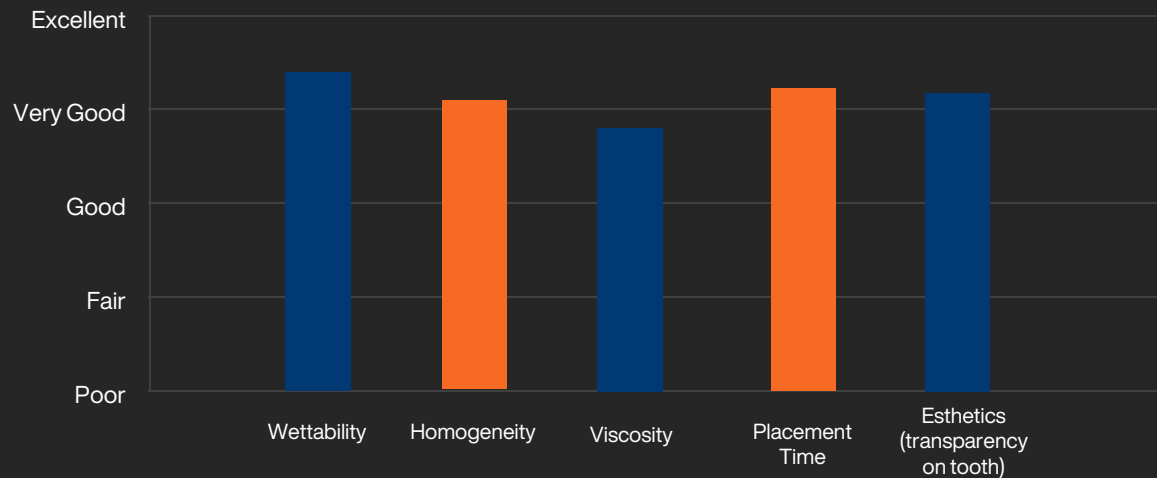
Clinical Evaluation

HugeBond Universal FilPro
Light Cure Dental Adhesive

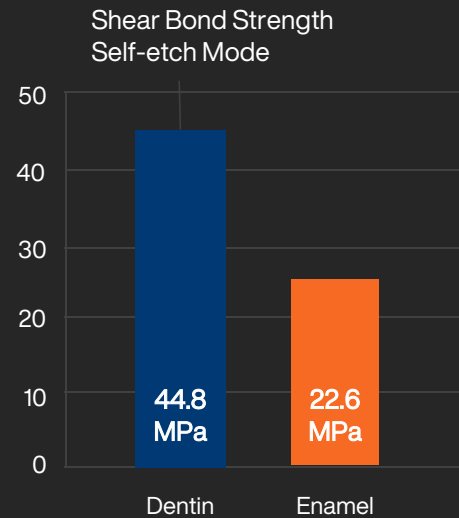


27 CLINICAL EVALUATORS
660 TOTAL USES
86% CLINICAL RATING

Evaluation Summary:



Dental Advisor Biomaterials Test Result:



“

**EASY TO USE
WITH MANY
INDICATIONS.**

Dental Implant Solution

Bonding System

TopCEM

Dual Cure Resin Cement

- ✓ Dual cure with high bonding strength
- ✓ An all-rounder for all types of restorations and materials cementation
- ✓ 7 shades and 3 opacity offer excellent aesthetic effect



Dental Implant Solution

Bonding System

TopCEM-RMGI

Over 20MPa Reliable Bond to Zirconia

✓ Simplified Operation

- No more need for adhesives, primers or conditioners.
- Tack curing ensures a quick and easy excess cement clean-up.
- Ideal consistency created for accurate placement.

✓ Reliable Cementation

- Continuous fluoride release prevents secondary caries.
- Low film thickness for a marginal fit.
- High strengths delivers an ideal long-lasting cementation performance.



Dental Implant Solution

Bonding System

Glass Ionomer Cement (GIC)

Restorative Materials

🌿 Luting I 🌿 🌿 LuFill HS 🌿 🌿 Filling I 🌿

- ✓ Easy to mix, excellent in liquidity
- ✓ Ideal film thickness (12-16µm)
- ✓ Easier to clean and save chairside time

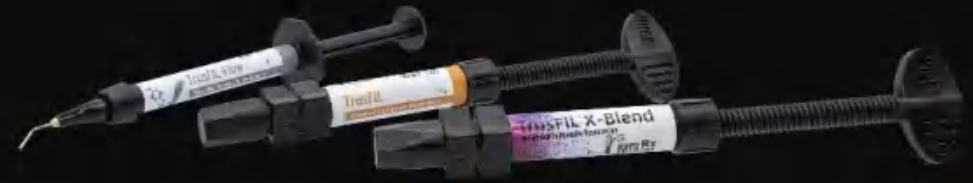


Chairside TrusFIL Composite Restorative Solution

TrusFIL Composite System

Aesthetic Restorative Materials

- ✓ Contains nanostructured filler material
- ✓ 2 kinds of consistency: Universal & Flowable
- ✓ Impressive durability and compressive strength
- ✓ A complete shade system to offer perfect aesthetic effect



Chairside

TrusFIL Composite Restorative Solution

TrusFIL X-Blend

ONE syringe for ALL ranges of teeth shades

- ✓ No wasted shades with only one TrusFIL-Universal shade
- ✓ Take the guesswork out of finding the accurate shades matching patients' natural teeth.
- ✓ Exceptional longevity with low shrinkage of only 1.06%.
- ✓ Impressive physical properties due to TrusFIL Nanofiller technology.
- ✓ 3.5 mm depth of cure – saves time.
- ✓ Easy to polish, highly stain resistant with a high gloss.



Chairside TopCEM Veneer Cementation System

TopCEM Veneer

✓
Five shades/ three opacity levels for best esthetic results.

✓
Light-cure-only system provides excellent color stability.

✓
High bonding strength, low water absorption and solubility.



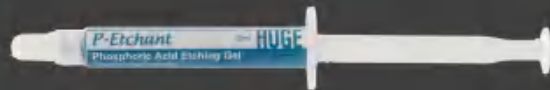
Chairside Pre-treatment Materials



HF-Etchant

Hydrofluoric Acid Etching Gel

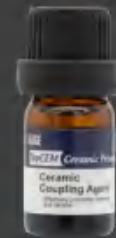
Specially designed for porcelain and ceramic surface conditioning.



P-Etchant

Phosphoric Acid Etching Gel

37% concentration



TopCEM Ceramic Primer

Ceramic Coupling Agent

Create a durable adhesion between luting composite and glass/oxide ceramic, metal, composite and fiber-reinforced composite restorations.

Chairside Cavity Prevention



Proseal F

Enamel Coating Resin

- ✓ Smart color-change technology to see placement
- ✓ Sustained release of fluoride ions
- ✓ Low viscosity, high bonding strength and flexural strength



Pro Shield

(Flour Protector)

- ✓ Resin-based 5% sodium fluoride varnish
- ✓ Powerful protection for treating hypersensitive teeth



ChairSide

Digital Scanning Solution

i-Vinci Smart

Digital Intraoral Scanner

- ✓ Lighter and smaller, weighs 138g only
- ✓ Faster and more accurate (accuracy is less than 7 μ m)
- ✓ Multi functionality, safe and reliable, universal data format
- ✓ Exceed your expectation of digital dentistry



Digital Invisible Orthodontic Solution

What We Offer

- ✓ VinciSmile Classic Clear Aligner
- ✓ VinciSmile Premium Clear Aligner
- ✓ VinciSmile Kid Clear Aligner
- ✓ VinciRetainer



VinciSmile Classic



Create bright smiles with VinciSmile Classic digital orthodontic technology with aesthetics consideration.

VinciSmile Premium



Newest IntelMove Technology (Tech a + Tech B)
Advanced PremiumControl Material.
Help speed up teeth movement, even more comfortable (compared to VinciSmile Classic Version)

VinciSmile Kid



Specially for children during the period of deciduous and mixed dentition.
Featuring upgraded soft materials and kid-friendly attachments.

Vinci Retainer



Help teeth retain their proper alignment by keeping them in an ideal position

Seamless Service

VinciSmile offers an unprecedented turnover time with a 1+4 mode.

01

Treatment plan design:
upload the treatment plan
within one day

02

Clear aligner fabrication:
manufacture the aligners
within four days

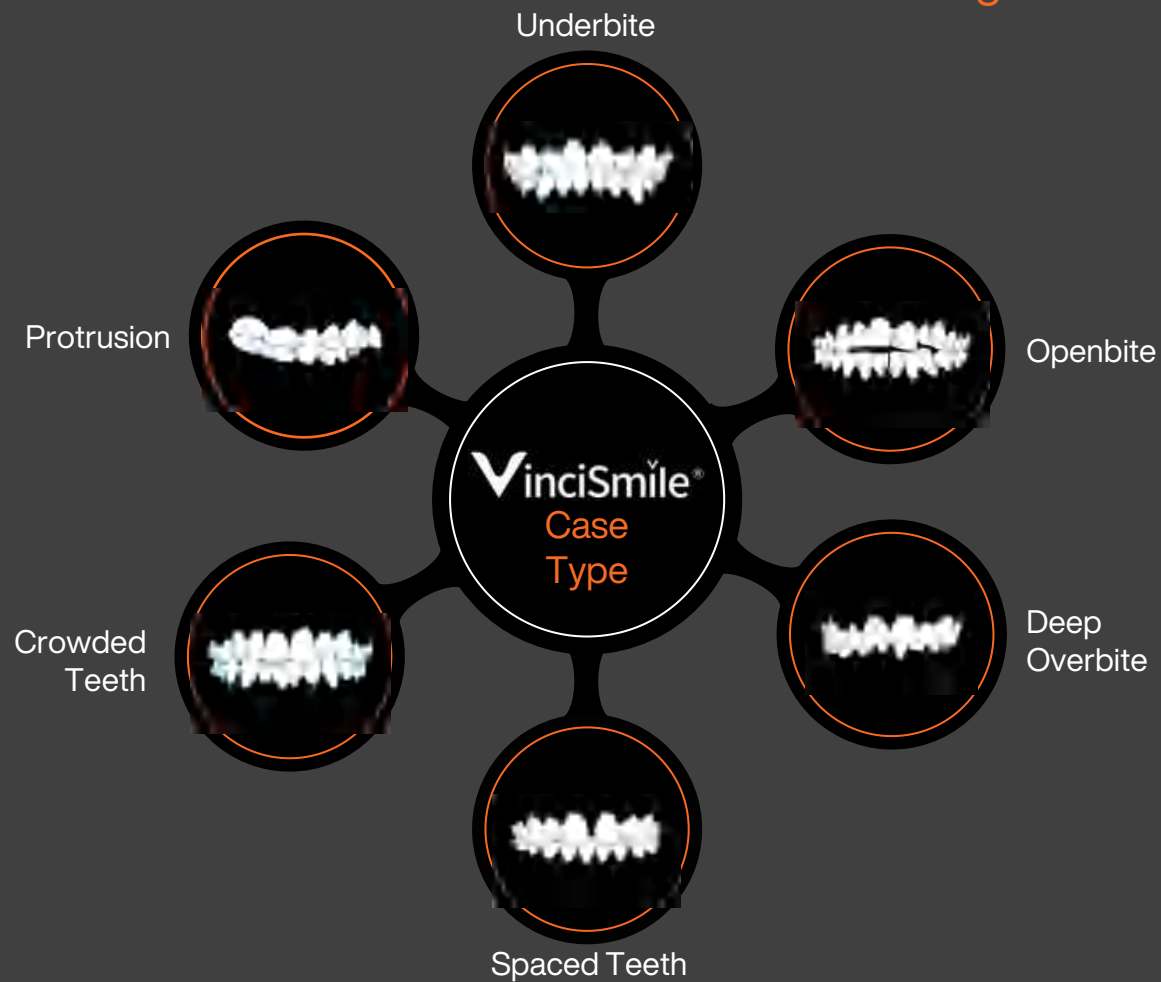
03

Dedicated service:
throughout the entire clinical
cycle



Before & After

Digital Invisible Orthodontic Solution
A wide range from mild to complex cases.






HUGE

Shandong Huge Dental Material Corporation

HUGE 沪鸽口腔



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