




LET'S BE DIFFERENT



Catalog

Shenzhen Lodden Medical Technology Co., Ltd.

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 www.youtube.com/@loddental |  www.tiktok.com/@loddmedical |  www.loddental.com



ABOUT US

10

Dentistry for more than 10 years

80

Cooperative customers have exceeded 80 countries



We are a comprehensive enterprise specializing in R&D, production and sales of zirconia blocks, glass ceramics, press ingot and other dental digital series products.

We have been engaged in the dental industry for more than 10 years, and we have cooperated with customers in more than 80 countries.

Established cooperative relations with many large dental laboratories, and gained a good reputation in the hearts of many dental technicians and patients.

We have a professional team with rich experience in research and development, cooperate with many famous research institutes in China, introduce advanced production technology at China and abroad, and provide guarantee for product technology research and development.

We pay great attention to product innovation and constantly develop new technologies.

We are currently the manufacturer of the most complete range of multilayer zirconia blocks.

We insist on using the best quality zirconia powder and high-quality production equipment. It can produce high-quality zirconia blocks with high strength, super transparency and high fidelity.

Our company is located in the Shenzhen Special Economics Zone, the foreign trade capital of China, a city full of vigor and vitality, providing customers with faster delivery time and better service.

Five reasons to choose Lodden:

Choosing Lodden means choosing your most trusted partner. Lodden can keep moving forward because we always think about problems from the perspective of customers.

01

We know that what customers care most about is the quality of the product. Lodden has 12 years of production experience. We are very strict in production process and quality inspection management to ensure that every product sold by Lodden is a high-quality product.

We know that what customers care most about is the delivery speed. The faster the delivery speed, the higher the customer's inventory turnover rate. Our inventory is very sufficient, Take zirconia blocks as an example: the monthly output of zirconia blocks in our factory is 100,000 pieces, and the standing inventory is 200,000 pieces. The sales department is in Shenzhen, which has the fastest logistics speed in China, to ensure timely delivery.

02

03

We know that what customers care most about is price. Lodden has been cooperating with the top suppliers for 12 years, so our price has always been sufficiently advantageous, but we will not reduce our quality because of the price.

We know that what customers care most about is the future. From zirconia to lithium disilicate, from milling machine to intraoral scanner, Lodden has always maintained new products every few years and continuously developed more products that meet customer needs.

04

05

We know that what customers care about most is after-sales and service. Our sales department in Shenzhen has a team of 50 people, with excellent business personnel and technical personnel. We will ensure that every cooperation with customers is very pleasant.



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Zirconia



Indication Reference of **LODDEN Zirconia Blocks**

Model	Indications								
	Coping	Full Contour Posterior Crown	Full Contour Anterior Crown	Inlay Onlay	5-7 Unit Bridges	Full Arch	Veneer	Abutment	Implant Bridge
4D MASTER	✓	✓	✓	✓	✓	✓	✓	✓	✓
4DPRO MAX	✓	✓	✓	✓	✓	✓	✓	✓	✓
4DPRO	✓	✓	✓	✓	✓	✓	✓	✓	✓
3DPRO MAX	✓	✓	✓	✓	✓	✓	✓	✓	✓
3DPRO	✓	✓	✓	✓	✓	✓	✓	✓	✓
HT-W	✓	/	/	/	✓	✓	/	✓	✓
HT-C	✓	✓	/	✓	✓	✓	/	✓	✓
ST-W	✓	✓	/	✓	✓	✓	/	✓	✓
ST-C	✓	✓	/	✓	✓	✓	/	✓	✓
ST-ML	✓	✓	/	✓	✓	✓	/	✓	✓



Advantage:

Best powder, best gloss, no deformation, more toughness.
The most layers in the market, the best natural gradient transition for color, strength, transparency.

Multilayer: 8 layers
Transparency: 43% - 57%
Strength: 800MPa - 1300MPa
Raw material: 100% Tosoh

Description:

Strength	800Mpa	850Mpa	920Mpa	990Mpa	1060Mpa	1130Mpa	1200Mpa	1300Mpa
Translucency	57%	56%	54%	52%	50%	48%	46%	43%

Chemical composition:

Components	4D MASTER	Other Oxides	<0.5%
ZrO ₂ + HfO ₂ + Y ₂ O ₃	≥99%	Translucency	43%-57%
Y ₂ O ₃	4.5%-10%	Flexural Strength	800-1300MPa
Al ₂ O ₃	<0.15%	-	-

Color:





Advantage:

Best powder, best gloss, no deformation, more toughness. The most layers in the market, the best natural gradient transition for color, strength, transparency. A cost-effective product in the high-end product series.
 Multilayer: 8 layers
 Transparency: 43% - 57%
 Strength: 800MPa - 1300MPa

Description:

Strength	800Mpa	850Mpa	920Mpa	990Mpa	1060Mpa	1130Mpa	1200Mpa	1300Mpa
Translucency	57%	56%	54%	52%	50%	48%	46%	43%

Chemical composition:

Components	4DPRO MAX	Other Oxides	<0.5%
ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%	Translucency	43%-57%
Y ₂ O ₃	4.5%-10%	Flexural Strength	800-1300MPa
Al ₂ O ₃	<0.15%	-	-

Color:

- A1
- A2
- A3
- A3.5
- A4
- B1
- B2
- B3
- B4
- C1
- C2
- C3
- C4
- D2
- D3
- D4
- BL1
- BL2
- BL3
- BL4



Advantage:

The best powder in China, the best-selling product.
 The most layers in the market, the best natural gradient transition for color, strength, transparency.
 Multilayer: 8 layers
 Transparency: 43% - 57%
 Strength: 700MPa - 1200MPa
 Raw material: 100% Sinocera

Description:

Strength	700Mpa	750Mpa	820Mpa	890Mpa	960Mpa	1030Mpa	1100Mpa	1200Mpa
Translucency	57%	56%	54%	52%	50%	48%	46%	43%

Chemical composition:

Components	4DPRO	Other Oxides	<0.5%
ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%	Translucency	43%-57%
Y ₂ O ₃	4.5%-10%	Flexural Strength	700-1200Mpa
Al ₂ O ₃	<0.15%	-	-

Color:

- A1
- A2
- A3
- A3.5
- A4
- B1
- B2
- B3
- B4
- C1
- C2
- C3
- C4
- D2
- D3
- D4
- BL1
- BL2
- BL3
- BL4
- OM1
- OM2
- OM3



Advantage:

The best powder in China, more pressing layers, more natural gradient transition for color, strength, transparency.

- Multilayer:** 6 layers
- Transparency:** 43% - 51%
- Strength:** 750MPa - 1200MPa
- Raw material:** 100% Sinocera

Description:

Strength	750Mpa	800Mpa	900Mpa	1000Mpa	1100Mpa	1200Mpa
Translucency	51%	49%	47%	45%	44%	43%

Chemical composition:

Components	3DPRO MAX	Other Oxides	<0.5%
ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%	Translucency	43%-51%
Y ₂ O ₃	4.5%-10%	Flexural Strength	750-1200Mpa
Al ₂ O ₃	<0.15%	-	-

Color:

- A1 A2 A3 A3.5 A4 B1 B2 B3 B4 C1 C2 C3 C4 D2 D3 D4 BL1 BL2 BL3 BL4



Advantage:

The best powder in China, the most cost-effective multilayer product.

- Multilayer:** 5 layers
- Transparency:** 43% - 49%
- Strength:** 800MPa - 1200MPa
- Raw material:** 100% Sinocera

Description:

Strength	800Mpa	900Mpa	1000Mpa	1100Mpa	1200Mpa
Translucency	49%	47%	45%	44%	43%

Chemical composition:

Components	3DPRO	Other Oxides	<0.5%
ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%	Translucency	43%-49%
Y ₂ O ₃	4.5%-10%	Flexural Strength	800-1200Mpa
Al ₂ O ₃	<0.15%	-	-

Color:

- A1 A2 A3 A3.5 A4 B1 B2 B3 B4 C1 C2 C3 C4 D2 D3 D4 BL1 BL2 BL3 BL4

HT-W

zirconia blocks



Advantage:

High strength, long-term stability and good toughness, good opacity.

Chemical composition:

Components	HT-W	Other Oxides	<0.15%
ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%	Translucency	37%
Y ₂ O ₃	4.5%-6.0%	Flexural Strength	≥1350Mpa
Al ₂ O ₃	<0.25%	-	-

HT-C

zirconia blocks



Advantage:

Superior performance, excellent quality, both excellent transparency and strength, the most common material.

Chemical composition:

Components	HT-C	Other Oxides	<0.5%
ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%	Translucency	37%
Y ₂ O ₃	4.5%-6.0%	Flexural Strength	≥1350Mpa
Al ₂ O ₃	<0.15%	-	-

Liquid

Description:
HT-W Coloring Liquid

Model:

- Vita 16+Vita 26
- 50ml

Description:
ST-W Coloring Liquid

Model:

- Vita 16+Vita 26
- 50ml

Description:
TO(Incisal Liquid)

Model:

- Blue
- 50ml

Description:
EO(Pontic Liquid)

Model:

- Red
- 50ml

Description:
Opacity Liquid

Model:
• 25ml



ST-W

zirconia blocks



Advantage:

Superior performance, excellent quality, both excellent transparency and strength, the most common material.

Chemical composition:

Components	ST-W	Other Oxides	<0.15%
ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%	Translucency	43%
Y ₂ O ₃	4.5%-6.0%	Flexural Strength	≥1200Mpa
Al ₂ O ₃	<0.15%	-	-

ST-C

zirconia blocks



Advantage:

Superior performance, excellent quality, both excellent transparency and strength, the most common material. Preshaded simplifies tedious dyeing operations, more stable and efficient.

Chemical composition:

Components	ST-C	Other Oxides	<0.5%
ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%	Translucency	43%
Y ₂ O ₃	4.5%-6.0%	Flexural Strength	≥1200Mpa
Al ₂ O ₃	<0.15%	-	-

ST-ML

zirconia blocks



Advantage:

Superior performance, excellent quality, both excellent transparency and strength, the most common material. Preshaded simplifies tedious dyeing operations, more stable and efficient. Natural gradation of color and transparency, similar to natural teeth.

Chemical composition:

Components	ST-ML	Other Oxides	<0.5%
ZrO ₂ +HfO ₂ +Y ₂ O ₃	≥99%	Translucency	43%
Y ₂ O ₃	4.5%-6.0%	Flexural Strength	≥1200Mpa
Al ₂ O ₃	<0.15%	-	-

Lithium Disilicate





Lithium Disilicate CAD

HT/LT

Bending strength
637MPa
 Biaxial bending strength

Physical properties:

Density	2.4-2.7g/cm
Vickers hardness	5400±400MPa
Chemical solubility	30.3ug/cm
Fracture toughness	2.55Mpa.m
Crystallization temperature	840-850 C
Radioactivity	<0.019Bq/g
Coefficient of thermal expansion	(9.8±0.5)*10 k

Chemical composition:

SiO ₂	61%-71%
Li ₂ O	11%-17%
K ₂ O	1%-5%
Other oxides	6%-30%

Color:

	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4	BL1	BL2	BL3	BL4	MO0	MO1	MO2
C14-HT(5pcs/box)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
C14-LT(5pcs/box)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
C14-MT(5pcs/box)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
C14-MO(5pcs/box)																					•	•	•
B40-HT(4pcs/box)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
B40-LT(4pcs/box)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
B40-MT(4pcs/box)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
B40-MO(4pcs/box)																					•	•	
A16 With Hole -HT(4pcs/box)	•	•	•																				
A16 With Hole -LT(4pcs/box)	•	•	•																				
Pure Ceramics C14-HT(5pcs/box)																					•		
Crystal Ceramics C14-HT(5pcs/box)																					•		
Amber Ceramics C14-HT(5pcs/box)																					•		

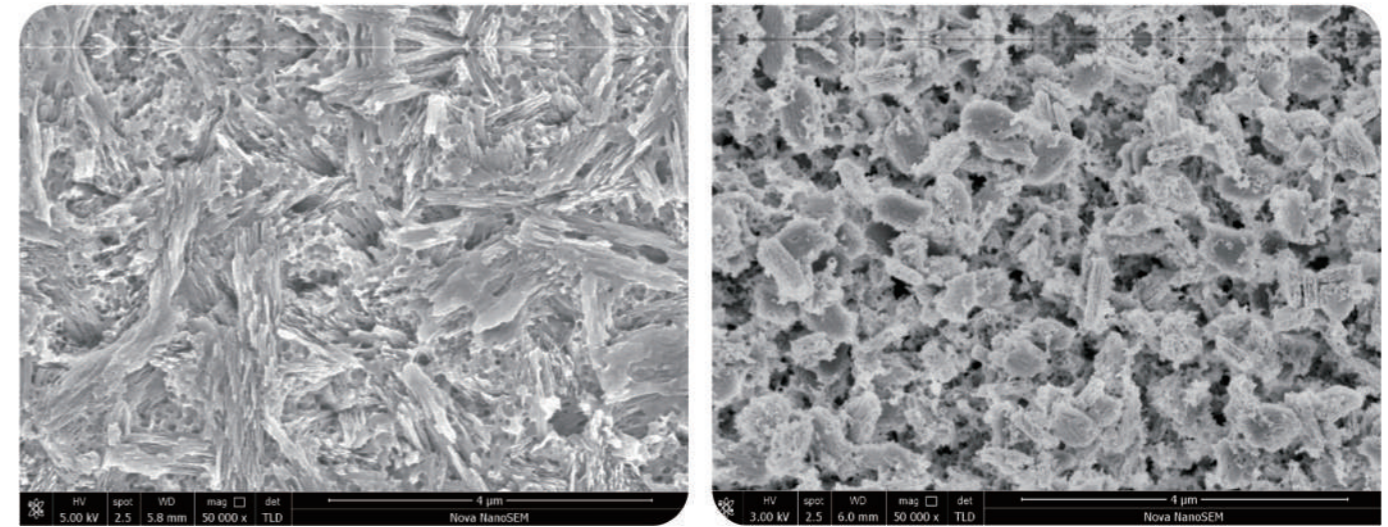
Lithium Disilicate CAD (Without Sintering)

HT/LT

Bending strength

280MPa

Biaxial bending strength



Color:

	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4	BL1	BL2	BL3	BL4
C14-HT(5pcs/box)	●	●	●	●		●	●			●				●			●	●	●	●
C14-LT(5pcs/box)	●	●	●	●		●	●			●				●			●	●	●	●

Lithium Disilicate Press

HT/LT

Bending strength



Biaxial bending strength



Physical properties:

Density	2.5g/cm
Vickers hardness	6500MPa
Chemical solubility after sintering	<100ug/cm
Crystallization temperature	915-920°C
Coefficient of thermal expansion (25-500°C)	$9.8 \times 10^{-6} \text{ k}^{-1}$

Chemical composition:

SiO ₂	(70±5)%
Li ₂ O	(15±5)%
K ₂ O	(4±2)%
Ai ₂ O ₃	(5±3)%
P ₂ O ₅	(5±3)%
ZrO ₂	(8±3)%
Other oxides	0-5%

Color:

	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4	BL1	BL2	BL3	BL4	
HT (5pcs,10pcs/box)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
LT (5pcs,10pcs/box)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MT (5pcs,10pcs/box)	•																•				

Lithium Disilicate Purple Press

HT/LT

Bending strength



Biaxial bending strength



Advantage:

A wider temperature range can be introduced, and any brand of press furnace can be used for direct die casting.



High Transmittance



Nature Color



Highly Biomimetic

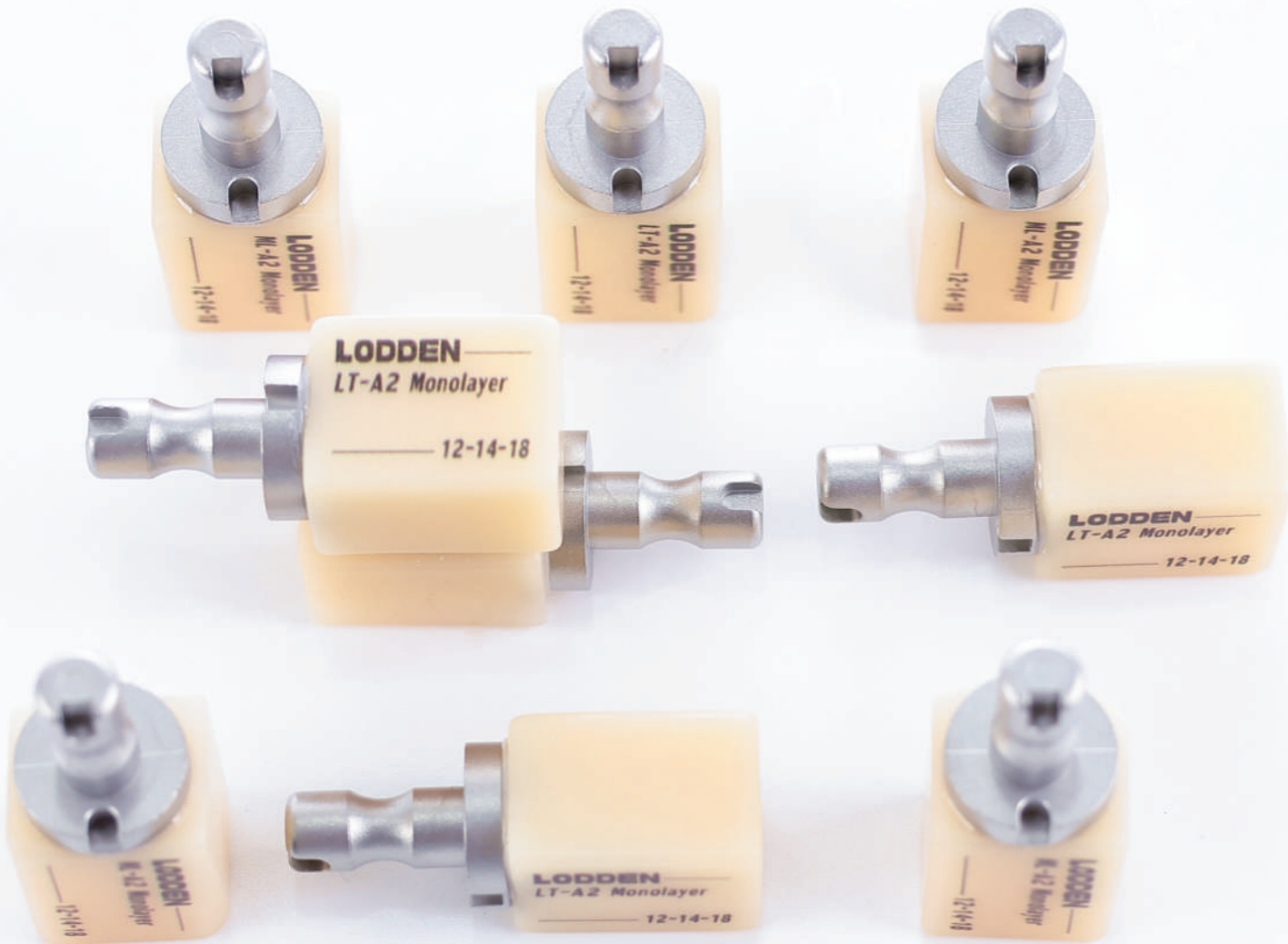


Strong Compatibility

Color:

	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4	BL1	BL2	BL3	BL4	MO0	MO1	MO2	MO3
HT (10pcs/box)	•	•	•	•	•	•	•	•	•								•	•	•	•				
LT (10pcs/box)	•	•	•	•	•	•	•	•	•								•	•	•	•				
MO (10pcs/box)																					•	•	•	•

Hybrid Ceramic



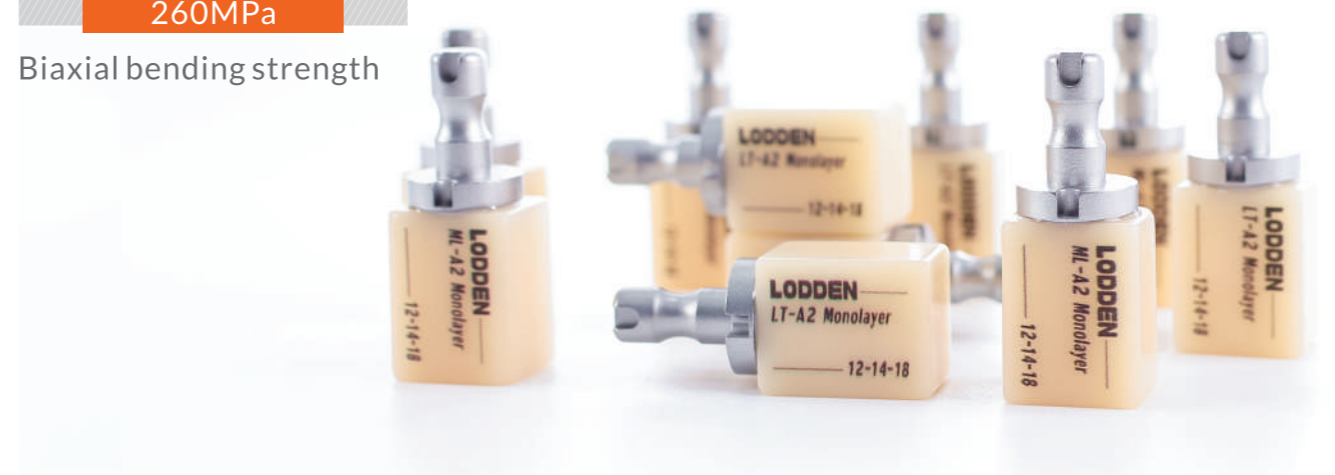
Hybrid Ceramic

HT/LT

Bending strength



Biaxial bending strength



Monolayer

Size	Model
18*14*12	HT (5pcs/box) A1 A2 A3 B1 B2 C2
	LT (5pcs/box) A1 A2 A3 A3.5 B2 C2 D2 BL1 BL3

Multilayer

Size	Model
18*14*12	LT (5pcs/box) A1 A2 A3 B2

Advantage:

Available for Single & Multilayer Shades Elastic Modulus Approximates to Natural Dentin Simple Milling, No Need for Sintering Chairside Instant Restoration.

PEEK&PMMA&Wax& Titanium&Hard Cocr



PEEK

For CAD/CAM



98mm

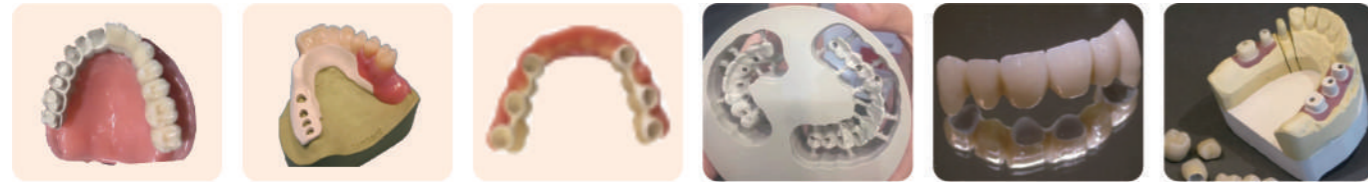
Color:

Natural, Gingival, Yellow, White

Advantage:

- Low density, light weight, not be easily discolored, X line can be penetrated
- Lower modulus of elasticity and hardness compared to metal alloys, similar wear resistance to metal alloys
- Good biocompatibility and potential bacteriostasis.

Applications:



PMMA

For CAD/CAM—Monolayer



98mm



AG



95mm



Sirona

Color:

Vita 16+BL1, BL2, BL3, BL4, Pink2S, Pink3S, A0, Clear Glossy

Advantage:

- Excellent abrasion resistance
- Excellent finishing bright surface good polishing performance after milling
- Excellent long-term shade stability and esthetics

Applications:



PMMA

For CAD/CAM—Multilayer



98mm



AG



95mm

Color:

Vita 16+BL1, BL2, BL3, BL4

Advantage:

- Excellent abrasion resistance
- Excellent finishing bright surface good polishing performance after milling
- Excellent long-term shade stability and esthetics

Applications:



PMMA

For CAD/CAM—Flexible/Acetal



98mm



AG



95mm

Color:

Vita 16+BL1, BL2, BL3, BL4, Pink, Clear Glossy

Advantage:

- Appropriate strength and toughness, be suitable for clinical usage
- Favorable biocompatibility, no gingival irritation Stable color with certain penetration to achieve the desired aesthetic effect.
- Good wear resistance, non-stick knife, easy to rotate

Applications:



PMMA

For CAD/CAM—Double Layer



Color:

Pink2S+Vita 16
Pink3S+Vita 16

Advantage:

- Excellent abrasion resistance
- Excellent finishing bright surface good polishing performance after milling
- Excellent long-term shade stability and esthetics

Applications:



PMMA

For CAD/CAM—Impak



Color:

Clear

Advantage:

Impak material is hard at room temperature and becomes soft when heated, so it is comfortable to wear in the mouth.

Applications:

Mainly used in night guard.



Wax

For CAD/CAM



Color:

Blue, White, Grey, Brown

Advantage:

- Easy to cut
- No residue left
- No deformation

Applications:



Titanium

For CAD/CAM



Specifications:

Size	D98×10/12/14/16/18/20/22/25MM
Grade	TA2/GR2 TC4/GR5
Standard	GB/T 13810-2017 ASTM F136
Application	Dental

Size	150*140mm×12/14/16/18/20/22/25MM 220*150mm×13/15/17/19/21/23/25MM
Grade	TA2/GR2 TC4/GR5
Standard	GB/T 13810-2017 ASTM F136
Application	Dental



Hard CoCr

For CAD/CAM



Specifications:

Size	D98×8/10/12/13.5/14/15/16/18/20/22/24/24.5/25MM
Application	Dental



Stain & Glaze Paste

NatureArt

Aesthetic Set

Gum Set



Product Introduction:

Lodden NatureArt series is a set of Stain & Glaze Paste with simple operation and excellent aesthetic effect, including Aesthetic Set and Gum Set. Each bottle of paste contains glaze paste ingredients, so there is no need to glaze separately, the ideal effect can be achieved by stain only once. The glaze paste has fine particles and does not need to be mixed with powder and liquid before use. In order to achieve a satisfactory crown color effect, the color of each paste can be matched at will, and it can be used directly after mixing evenly.

Application:

Zirconia, Lithium disilicate.

Model:

Aesthetic Set: 15 Pastes: Shade A, B, C, D, Light Yellow, Grey Violet, Blue, Pink, Terracotta, Brown, Black, White, Dark Red, Glaze, 3D.

2 Liquids: Diluting, Refreshing.

2 Porcelain pen: NO. 0, NO. 1.

Gum Set: 8 Pastes: Petal Pink, Quartz Pink, Pink, Strawberry Pink, Plum Red, Dark Red, Glaze, 3D.

2 Liquids: Diluting, Refreshing.

2 Porcelain pens: NO. 0, NO. 1.

Other Options: 10 Pastes: Mango Yellow, Yellow, Light Orange, Violet, Blue Violet, Gray, Blue Gray, Pure White, Ivory White, Glaze-F.



Simulated Gum Modification Kit

NatureArt Light Curing



Product Introduction:

- No polishing required, simplifying the process
- Good gloss, excellent aesthetic effect
- Low water absorption, not easy to color
- Good bonding and not easy to peel off
- High wear resistance and not easy to scratch
- Lightweight material, smooth surface, increased adsorption force
- High biocompatibility
- High simulation effect, realistic and beautiful
- A variety of colors to meet different personalized color needs
- Strong weather resistance, long-term color stability
- Simplified detail processing, precisely outlining the cervical margin

Application:

Surface treatment for resin, polymer ceramic, and other material models in the field of dental materials, simulating gingival effects in materials such as resin and polymeric ceramics.

Model:

Simulated Gum Modification Kit: 6 Liquids: Treatment Agent 20ml, Polishing Varnish 20ml, Gum Staining Solution Pink 20ml, Gum Staining Solution Dark Red 5ml, Gum Staining Solution Bright Red 5ml, Gum Staining Solution Light Pink 5ml.

3 large droppers; 3 small droppers.

4 color comparison plates; 1 silicone palette.

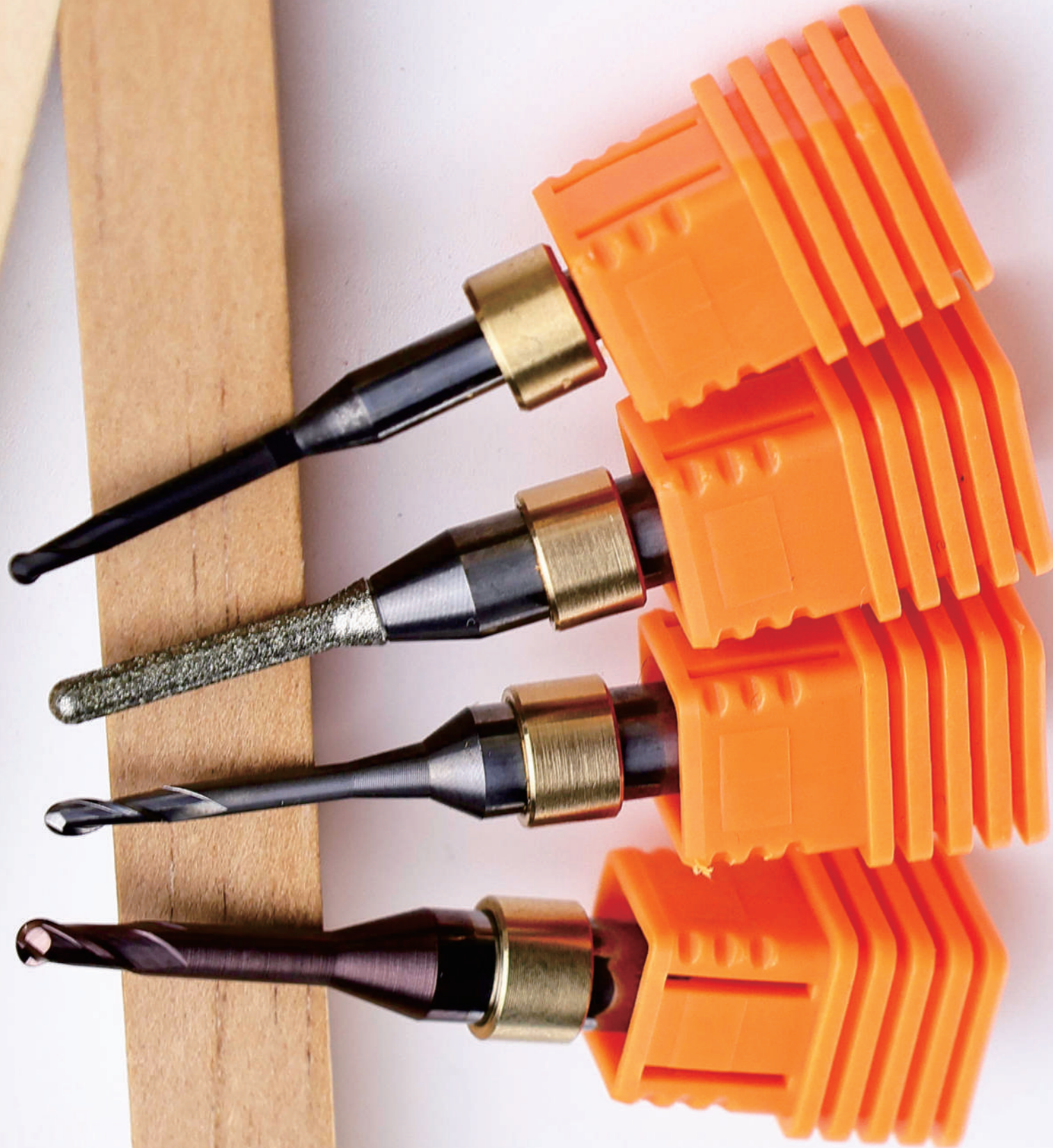
4 brushes: 1 cleaning brush (No. 6 brush), 1 gum staining solution brush (No. 0 brush), 1 gum staining solution margin outlining brush (No. 2 brush), 1 polishing varnish brush (No. 6 brush). 1 user manual.



Milling Bur

Lodden Milling Burs uses raw materials from Germany and Japan, special coatings to extend the service life of milling burs, and the best steel/carbon ratio to minimize tool wear.

We currently have about 500 types of milling burs, covering almost all milling machine in the world. We can also customize models according to customer requirements. Our goal is to become the world's most cost-effective and comprehensive supplier of milling burs.



Implant Accessory

Premilled Abutment

The company adopts Japanese CNC lathe processing, with high precision, the interface accuracy reaches 5mm, and the material is made of medical titanium alloy.

Scan Body

One piece titanium alloy, highly durable and autoclavable. It adopts special surface treatment, which is safe and reliable, does not reflect light when scanning, and has clear and accurate imaging, which reduces scanning imaging errors, thereby greatly improving the accuracy of matching with the database.

Analog

Precision machining of high-quality materials accurately reflects the internal dimensions of the implant and achieves precise matching of the upper restoration of the implant. Three-plane plus taper design, good retention and high recognition.



Rotary Thing

Lodden rotary things include diamond burs and discs, tungsten carbide burs or cutters, flexible rubber burs, wheels or points, polishing brushes, mounted stones, or any diamond stones or polishers.

Our rotary things are widely applied to cut, grind, finish, polish any materials of zirconia, lithium disilicates, porcelain(ceramics), alloy or metal, acrylic(resin), PEEK, composites etc. They can match any handpiece of FG(Friction Grip) , RA/CA(Right Angle), HP conveniently and precisely .

We provide innovative and professional products and service. Whoever you are dentist or technician, we always make you relaxing, safe and efficient.



3D Printer Resin Liquid



Model Resin

- Extremely low shrinkage rate
- Low odor and no toxic
- Anti-scratch & non brittle
- Non deformation for 5 days

Color:

Light Gray, Almond



Ortho Model Resin

- High detail
- Super low odor & non VOC
- Suitable for any orthodontic case
- High temperature resistance 140°

Color:

Gray, Almond



Surgical Guide Resin

- FDA approved
- High clear color
- High temperature resistance
- Able to be used in autoclave

Color:

Clear



Gingiva Mask Resin

- High precision
- Odorless & non VOC
- Super low shrinkage
- Non deformation for days
- FDA certificate

Color:

Red, Pink Purple, Pink



D-CAST Resin

- Ultra low shrinkage
- Ash free for casting
- Accurate size after casting
- High precision prints
- Suitable for crown and frame casting

Color:

Green

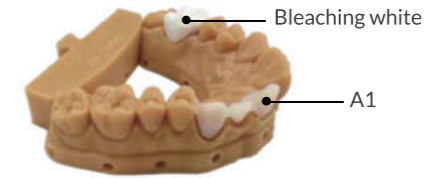


Temporary Restoration Resin

- FDA certified
- Strong and glossy effect
- Specially designed for temporary crowns and bridges

Color:

A1, A2, A3, White



Tray Resin

- FDA certified
- Customized color available
- High accurate individual impression tray
- Enable to make most complex case in minutes

Color:

Grey, Aqua, Skin



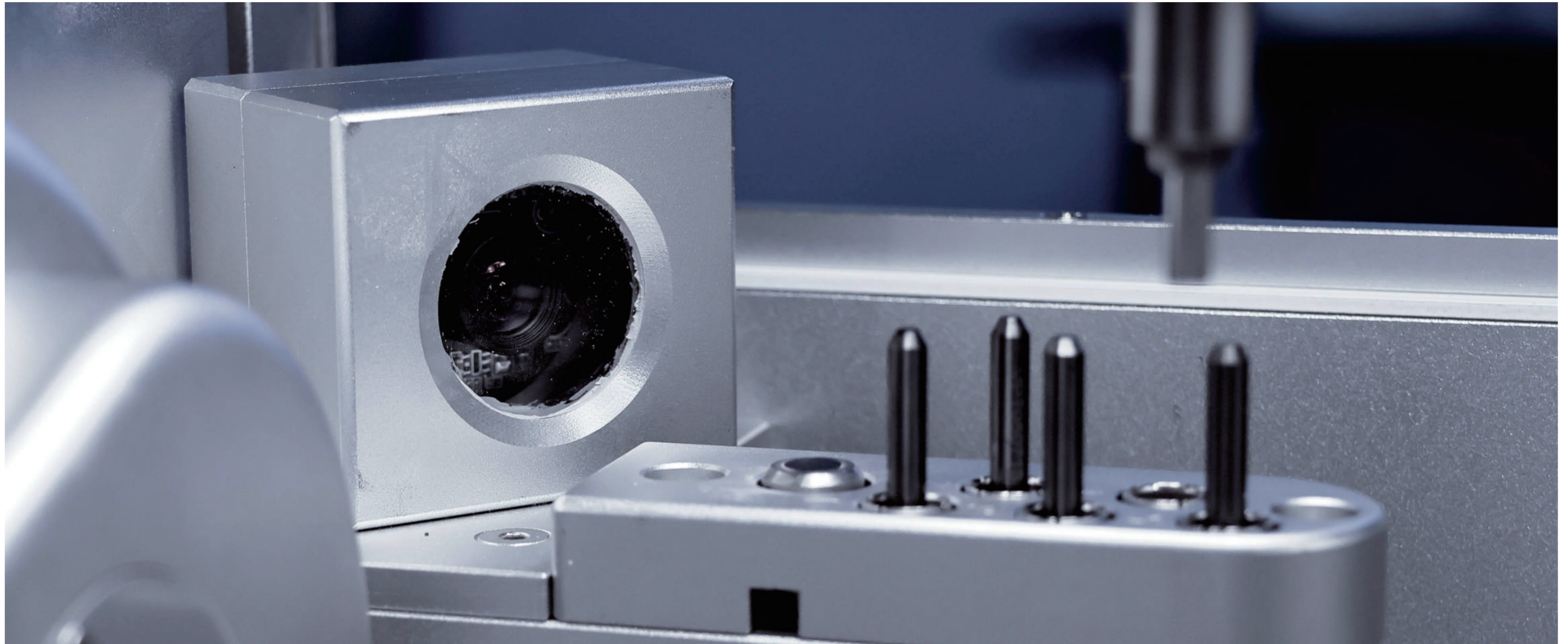
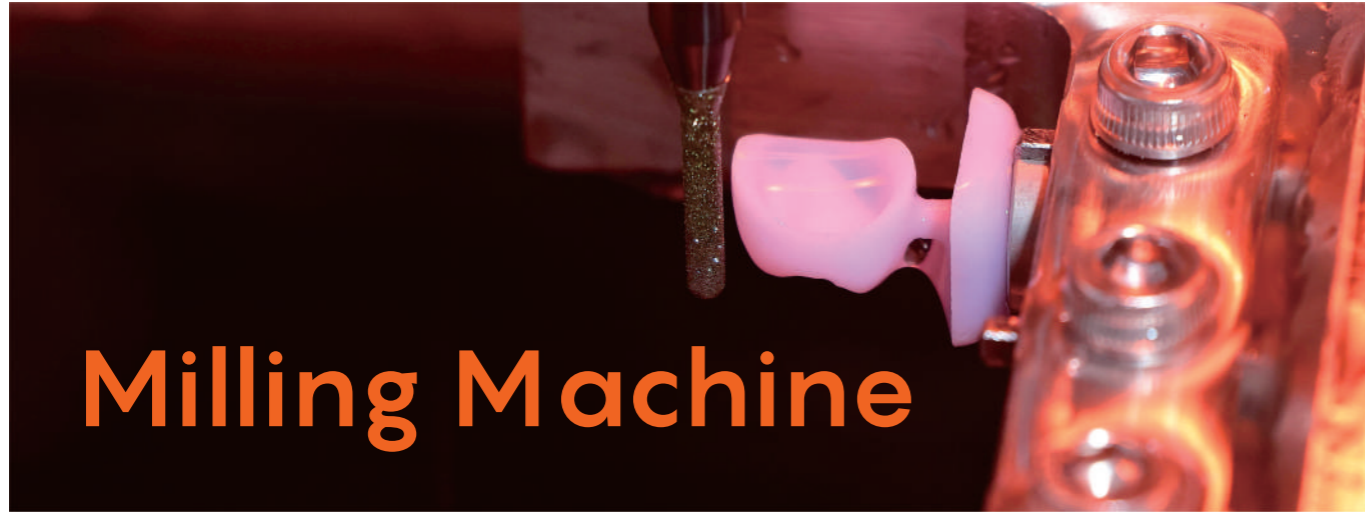
Denture Base Resin

- Smooth surface
- Short curing time
- High strength
- High precision

Color:

Pink







Let's be Different

Heymill **D11**

5-Axis dry milling machine



Digitalized intelligent solutions

With years of deep expertise and focus in the field of dental milling machine manufacturing, we are excited to officially introduce the LODDEN brand's 5-axis dental milling machine—Heymill series. It has earned extensive recognition and trust from many customers due to its excellent performance and stable quality.

We fully understand that each denture milling carries the expectations and trust of patients, thus all of our milling machines utilize high-precision and high-stability components. Many customers have reported that our products showcase an extremely high level of professionalism after their experience.

Additionally, our R&D team and technical engineers leverage their vast experience to continually refine and innovatively upgrade our products. It is not merely a dental milling machine, it is a manifestation of our relentless pursuit of perfect quality.



Heymill **W12**

5-Axis wet milling machine



Intraoral Scanner



Heyinscan S3

Digital Implant | Orthodontics | Restoration
Make it easier for dental treatment



Fast



New AI



Small



Simply
Operation



Personalized
Design



Scan Freely

Efficient Hardware



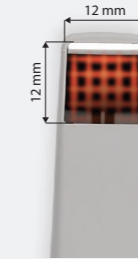
Easy Detachable

The scanner tip can be replaced by a simple plug in and out operation, and the disinfection methods of immersion disinfection and high temperature and high pressure sterilization are both available.

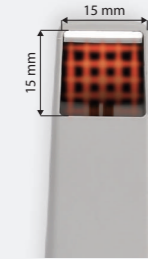


Cable Connector

Our model is direct connection. No adaptor needed.



Mini Tip



Standard Tip



Humanized Scanner Tip

The scanner tip is actively integrated with heating system inside, with fast heating speed and constant temperature; the angle of the mirror of the scanner tip is close to 45°, which can better take into account the scanning area of anterior and posterior part.

Aluminum Alloy Screw-in Connection

The replaceable Type-C data cable adopts a screw connection design to better ensure a stable connection during operation.



Desktop Scanner



Why Lodden DS-series?

► It's your first choice



Humanized design

Semi-open structure, prevent interference, convenient operation; The button is positioned in the front for easy switching.

Open system

Support STL, PLY, OBJ data formats; Compatible with mainstream CAD software.

Most cost-efficient

Do more with less. The first choice to get a scanner.

Wide application

Restorations orthodontics and other scenarios. Support stone, impression, wax, texture, articulator and other types.

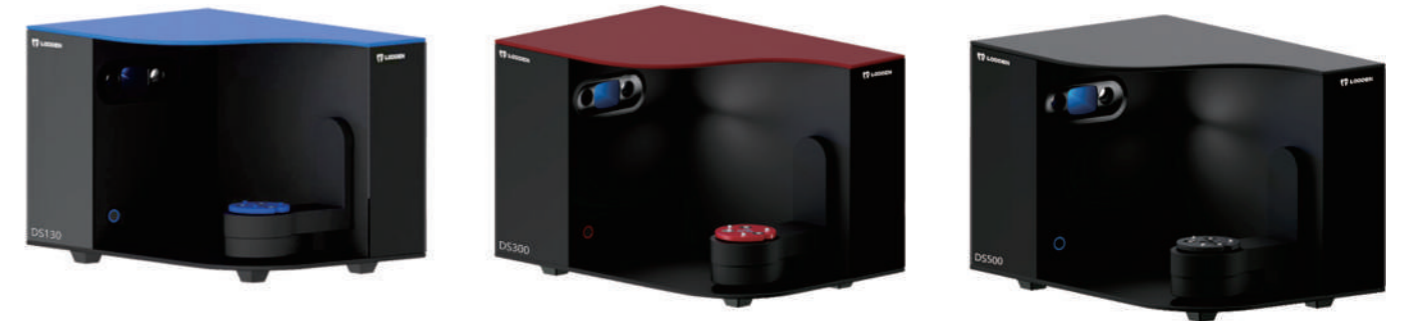
Professional team

A senior R&D team with more than 10 years of dental industry experience.

Super performance

Fast speed and high precision. Almost no post-processing time.

Let's be Different



Technical Parameters

Category	DS130	DS300	DS500
Camera	2*1.3MP	2*3.0MP	2*5.0MP
Accuracy	≤7μm(ISO12836)	≤5μm(ISO12836)	≤5μm(ISO12836)
Full arch	11s	13s	13s
Full arch impression	27s	29s	29s
Scan area	106*84*60mm	94*89*60mm	94*89*60mm
Output Format	STL、PLY、OBJ		
Light source	Blue Light		
Texture scanning	True colour scanning		
Dimension	393*277*274mm		
Weight	9kg		
Power supply	DC 24V		
Interface	USB 3.0		
Articulator Scan	Dynamic static; support articulator transfer		

Furnace



Heytemp - T1S Sintering Furnace

- 1550°C Maximum temperature
- High Purity Elema Technology
- 90mm*2 super-diameter tray
- 80 Up to 80 teeth can be sintered



Advantage:

- Fast crystallization of full anatomical zirconia
- Pre-drying time can be set to completely dry the denture
- Maximum heating rate 200 degrees per minute
- It is ready to use without preheating in advance
- Automatic fast cooling technology
- Closed kiln design, with maximum safety(chair side)
- Variable load design, automatic power regulation of sintering furnace(energy saving)



Fast temperature rise to 1530°C in 20 minutes!



Heytemp - T2S

Rapid Sintering Furnace

Maximum temperature **1550°C**

High Purity Elema Technology

Heytemp - T3S

Sintering Furnace

sintering can be completed within 1 hour
High purity silicon molybdenum heating element * 4

Parameter configuration:

- Voltage: 200-240V 50/60HZ
- Power: Maximum 2800W
- Length, width, and height: W358*L460*H699mm
- Net weight: 55kg
- Gross weight: 65kg



Advantage:

- Fast sintering of the fully form
- Predrying
- Maximum sintering temperature 1530°C
- Finish glazing in 9 minutes
- Maximum heating speed 200°C/S
- Ready to use after power on, without 2 hours of preheating
- Active cooling
- Crown restoration 4-10(60mm diameter tray)



Fast temperature rise to **1530°C** in 20 minutes!

Advantage:

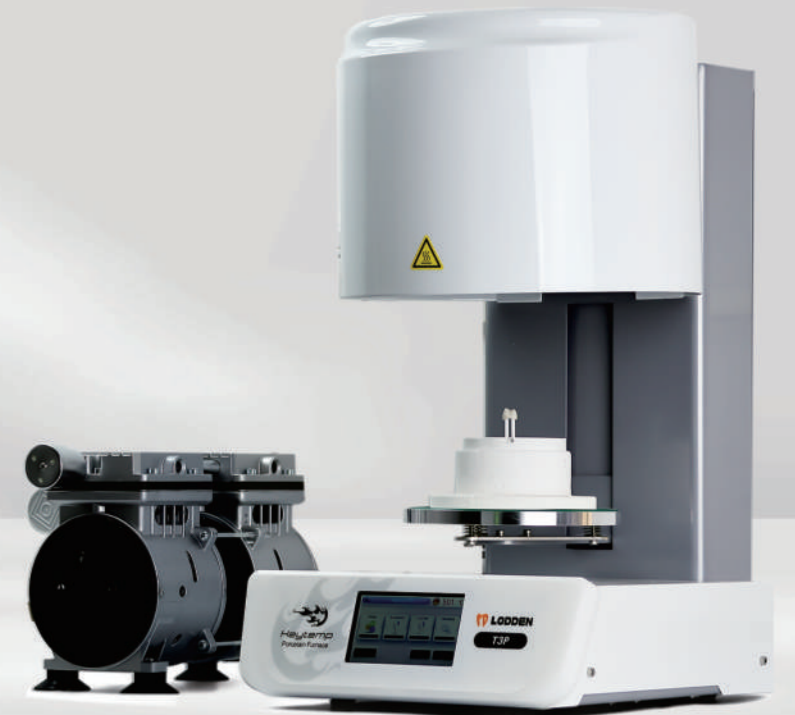
- The maximum temperature is 1650°C
- Maximum heating rate 100 °C/min.
- The furnace diameter is 100mm * 3 layers, 200 pieces can be sintered.
- 32 bit Linux system, supporting powerful software features and future upgrades.
- The uniquely designed zirconium block pre drying function effectively prevents cracking of dyeing dentures.
- Voice prompt function.

Porcelain Furnace

Heytemp both in the porcelain transparency degree, porcelain shape retention, have a very perfect performance, using Sr-3 soft fire regeneration technology, the strength of the tooth body do better performance.



Heytemp - T3P Porcelain Furnace



Operation:

- The velocity of temperature increasing: 200°C/min max
- The max temperature: 1200°C max
- The time which can be kept at the max temperature: 2 H
- Vacuum level: 1-101%



Fast temperature rise to **1200°C** in 15 minutes!

Heytemp -T4P

Porcelain Furnace

Operation:

- Maximum rate of temperature increase: 200°C/min
- The max temperature: 1200°C max
- Maximum duration at maximum temperature: 2H46Min
- Vacuum level: 1-101%



Press Furnace



Heytemp - T5M

Porcelain Furnace

It can realize the functions of glass-ceramic crystallization, glazing, porcelain baking, porcelain mending, dyeing, ring burning and so on.

Advantage:

- Small and compact, occupying minimal space
- Suitable for clean, tidy dental hospitals, clinics, and denture studios with space constraints
- Can be used with chair-side CNC, enabling completion of tasks in a small space
- Extremely convenient to carry
- Can be started using a 12V battery power supply in extreme cases
- Not affected by power failure or other interferences
- Does not disrupt operations such as temporary porcelain mending or dyeing



Heytemp - T6I

Press Furnace

Advantage:

- Fully compatible with ivoclar vivadent Servo motor drive die casting, high success rate.
- No compressed air needed. very good effect.
- Fully compatible with ivoclar vivadent, Vita, Dentsply ingots and so on.
- Low price.
- Low maintenance costs.
- High margin accuracy, Low failure probability.



3D Printer



DJ89PLUS

Dedicated For Chairside&Denture Factory

8K 29µm pixel size

10.3" 8K(7680*4320px) monochrome screen precise sculpting of model details

Heating chamber

Chamber heating(20-35°C)

Automatic feeding

Avoid lack of resin material

Stable Z-axis structure


Dual linear guide rails + ball screw






D158


DLP For Dentistry

 Automatic lifting cover

Finger touch lifting

 62µm pixel size

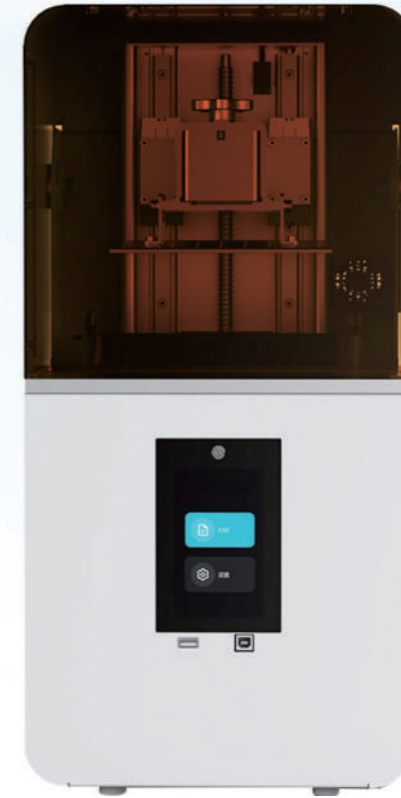
2560*1440px

 High speed release film

Less release resistance higher printing success rate


 Stable Z-axis structure

Dual linear guide rails + ball screw




D160

Texas instruments digital micromirror technology

 62µm pixel size

2560*1440px

 High speed release film

Less release resistance higher printing success rate

 Stable zaxis structure

Dual linear guide rails + ball screw





CD-X3

Ult Rasonic Cleaner

Cleaning Time: Max. 480min
 Inner Tank Size: 240x135x100mm
 360°dual-band deoxidation cleaning



UV02

High Power Curing Machine

Curing Time:1-60min
 Adjustable light intensity

High Power Curing Machine

D180xH120mm

365nm, 385nm and 405nm UV light work independently which could cure different resins at the same time, and to achieve more completely postcuring.

