YiLiNK

PRODUCT CATALOG FOR LAB

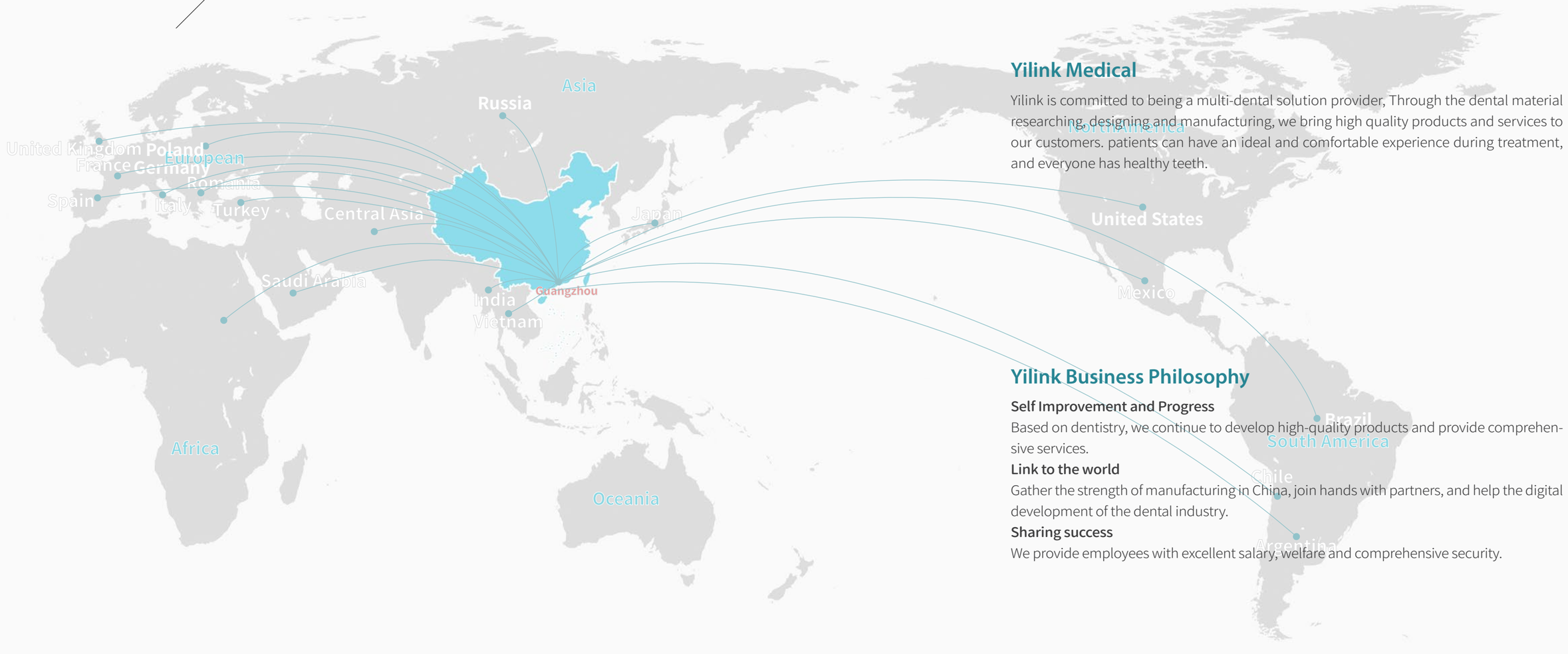
Being a multi-dental solution provider

CONTENTS

01 About us

Yilink Group

Founded in 2004, the business covers green energy, industrial materials, health care, smart technology, tourism management, etc. As a diversified enterprise, Yilink has offices in Beijing, Shanghai, Guangzhou, Shenzhen, Dongguan, Chengdu, Jiangxi, Qingdao, Xi'an and Hongkong. Yilink adheres to the concept of cooperation, development and sharing. Keeping improving, in the current filed. Keeping innovation, in the unknown field. In the future, we will also witness the growth of yilink with more excellent achievements.



Yilink Medical

Yilink is committed to being a multi-dental solution provider, Through the dental material researching, designing and manufacturing, we bring high quality products and services to our customers. patients can have an ideal and comfortable experience during treatment, and everyone has healthy teeth.

Yilink Business Philosophy

Self Improvement and Progress

Based on dentistry, we continue to develop high-quality products and provide comprehensive services.

Link to the world

Gather the strength of manufacturing in China, join hands with partners, and help the digital development of the dental industry.

Sharing success

We provide employees with excellent salary, welfare and comprehensive security.

COMPANY HISTORY

Being a multi-dental solution provider

Achieve Something

In 2017, Yilink Medical Clinical Division - Zhongcong Medical established a digital dental restoration solution, a comfortable oral diagnosis and treatment experience, and a children's face management solution.

2017

2004

Establishment Stage

In 2004, Yilink Medical Co., Ltd. established its subsidiary Yilink Technology Co., Ltd. to focus on the service of dental digital materials and equipments

Keep Innovating

In 2021, Yilink Medical manufacturing base was founded. Yilink Biological focuses on the researching, designing and manufacturing of dental materials including zirconia, glass-ceramic, PMMA block, sintered retention adhesive, wax , glaze and other all-ceramic materials.

2021

In addition, Yilink has also established strategic partnerships with many overseas companies

Stable Maturity

In 2021, Yilink Medical invested and established Yilink Precision to focus on the production of CNC milling cutters and rotary dental tools.

02 Dental materials

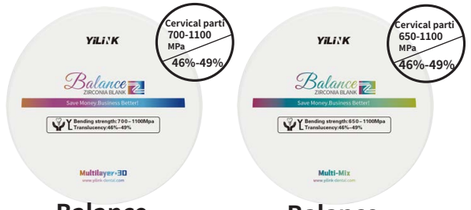
Yilink medical focuses on dental digital materials and dental digital solutions. We provide customers with one-stop digital solutions and high-quality dental products. We help customers solve the complex treatment challenges and improve efficiency. We always adhere to high-quality development of enterprises with technological innovation.

Zirconia

MEET ALL REQUIREMENTS

HT | SHT | SHTP | SHTC | SHT ML | 3D Pro | Multi-Mix

3D



Balance Multilayer + 3D

Balance Multi-Mix

Multilayer

Balance Multilayer SHT

Color

Balance SHTC Zirconia

White

Balance HT Zirconia

Balance SHT Zirconia

Balance SHTP Zirconia

Translucency

Effect

Dental materials

Multilayer +3D

Suitable for all indications

Colors

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

System

98mm 95mm 92x75mm Block

Thickness

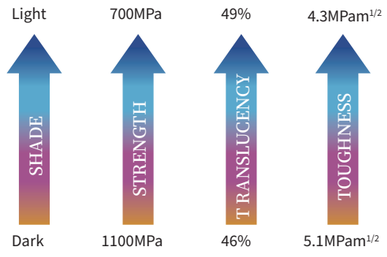
- 12mm
- 14mm
- 16mm
- 18mm
- 20mm
- 22mm
- 25mm

Physical characteristics

Density before sintering ($g \cdot cm^{-3}$)	>3.0
Density after sintering ($g \cdot cm^{-3}$)	⩾6.0
CTE (25-500°C) (K^{-1})	(10.5±0.5) ×10^{-6}
Flexural strength after sintering (Mpa)	700~1100
Accelerated aging surface monoclinic phase content	<15%
Light transmittance	46%~49%
Chemical solidity after sintering ($\mu g \cdot cm^{-2}$)	<100
Cytotoxicity	0 Level
Radioactivity ($Bq \cdot g^{-1}$)	<0.1

Chemical Composition

$ZrO_2+HfO_2+Y_2O_3$	⩾99%
Y_2O_3	6.8%-10.0%
A_2O_3	<0.01%
Fe_2O_3	<0.15%
SiO_2	<0.01%
Others oxides	<0.7%



Recommended Indications

Veneer | Inlay | Anterior crown | Posterior crown | Full crown bridge | Screw retained bridge | Implant | full arch

Multi-Mix

Contour Zirconia Restoration Material

Colors

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

System

98mm 95mm 92x75mm Block

Thickness

- 12mm
- 14mm
- 16mm
- 18mm
- 20mm
- 22mm
- 25mm

Physical characteristics

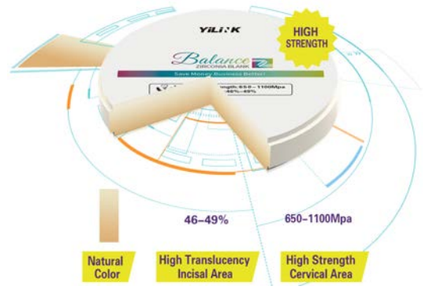
Density before sintering ($g \cdot cm^{-3}$)	>3.0
Density after sintering ($g \cdot cm^{-3}$)	⩾6.0
CTE (25-500°C) (K^{-1})	(10.5±0.5) ×10^{-6}
Flexural strength after sintering (Mpa)	650~1100
Accelerated aging surface monoclinic phase content	<15%
Light transmittance	46%~49%
Chemical solidity after sintering ($\mu g \cdot cm^{-2}$)	<100
Cytotoxicity	0 Level
Radioactivity ($Bq \cdot g^{-1}$)	<0.1

Chemical Composition

$ZrO_2+HfO_2+Y_2O_3$	⩾99%
Y_2O_3	6.8%-10.0%
A_2O_3	<0.01%
Fe_2O_3	<0.15%
SiO_2	<0.01%
Others oxides	<0.7%

Advantage

- Multi-Mix is a digital material. faster,aesthetic, economical.
- Best natural aesthetic restoration-natural color, translucency and strength gradient.



Recommended Indications

Veneer | Inlay | Anterior crown | Posterior crown | Full crown bridge | Screw retained bridge | Implant | full arch

Multilayer - SHT

Suitable for all indications

Colors

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

System

98mm 95mm 92x75mm Block

Thickness

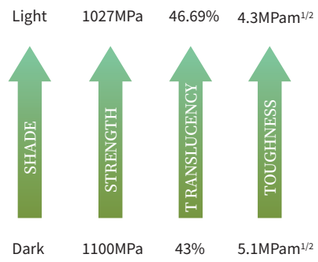
- 12mm
- 14mm
- 16mm
- 18mm
- 20mm
- 22mm
- 25mm

Physical characteristics

Density before sintering ($g \cdot cm^{-3}$)	>3.0
Density after sintering ($g \cdot cm^{-3}$)	⩾6.0
CTE (25-500°C) (K^{-1})	(10.5±0.5) ×10^{-6}
Flexural strength after sintering (Mpa)	1100
Accelerated aging surface monoclinic phase content	<25%
Light transmittance	43%
Chemical solidity after sintering ($\mu g \cdot cm^{-2}$)	<100
Cytotoxicity	0 Level
Radioactivity ($Bq \cdot g^{-1}$)	<0.1

Chemical Composition

$ZrO_2+HfO_2+Y_2O_3$	⩾99%
Y_2O_3	4.5%-6.0%
A_2O_3	<0.01%
Fe_2O_3	<0.15%
SiO_2	<0.01%
Others oxides	<0.7%



Recommended Indications

Inlay | Coping | Coping bridge | Full crown | Full contour crown | Implant | Abutment screw retained bridge | full arch

Color-SHTC

Suitable for all indications

Colors

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

System

98mm 95mm 92x75mm Block

Thickness

- 12mm
- 14mm
- 16mm
- 18mm
- 20mm
- 22mm
- 25mm

Physical characteristics

Density before sintering ($g \cdot cm^{-3}$)	>3.0
Density after sintering ($g \cdot cm^{-3}$)	⩾6.0
CTE (25-500°C) (K^{-1})	(10.5±0.5) ×10^{-6}
Flexural strength after sintering (Mpa)	1100
Accelerated aging surface monoclinic phase content	<25%
Light transmittance	42%
Chemical solidity after sintering ($\mu g \cdot cm^{-2}$)	<100
Cytotoxicity	0 Level
Radioactivity ($Bq \cdot g^{-1}$)	<0.1

Chemical Composition

$ZrO_2+HfO_2+Y_2O_3$	⩾99%
Y_2O_3	4.5%-6.0%
A_2O_3	<0.01%
Fe_2O_3	<0.15%
SiO_2	<0.01%
Others oxides	<0.7%

Recommended Indications

Inlay | Coping | Coping bridge | Full crown | Full contour crown | Implant | Abutment screw retained bridge | full arch

Dental materials

SHTP

Full ceramic restoration material

Colors

Super High Translucent Plus White Zirconia

System

98mm | 95mm | 92x75mm | Block

Thickness

- 12mm
- 14mm
- 16mm
- 18mm
- 20mm
- 22mm
- 25mm

Physical characteristics

Density before sintering (g·cm^{-3})	>3.0
Density after sintering (g·cm^{-3})	⩾6.0
CTE (25-500°C) (K^{-1})	(10.5±0.5) ×10^{-6}
Flexural strength after sintering (Mpa)	1100
Accelerated aging surface monoclinic phase content	<15%
Light transmittance	46%
Chemical solidity after sintering (μg·cm^{-2})	<100
Cytotoxicity	0 Level
Radioactivity (Bq·g^{-1})	<0.1

Chemical Composition

$ZrO_2+HfO_2+Y_2O_3$	⩾99%
Y_2O_3	6.8%-8.0%
A_2O_3	<0.01%
Fe_2O_3	<0.01%
SiO_2	<0.01%
Others oxides	<0.5%

Recommended Indications

Veneer | Inlay | Anterior crown | Posterior crown | Full crown bridge | Screw retained bridge | Implant | full arch

SHT

Full ceramic restoration material

Colors

Super High Translucent Plus White Zirconia

System

98mm | 95mm | 92x75mm | Block

Thickness

- 12mm
- 14mm
- 16mm
- 18mm
- 20mm
- 22mm
- 25mm

Physical characteristics

Density before sintering (g·cm^{-3})	>3.0
Density after sintering (g·cm^{-3})	⩾6.0
CTE (25-500°C) (K^{-1})	(10.5±0.5) ×10^{-6}
Flexural strength after sintering (Mpa)	1100
Accelerated aging surface monoclinic phase content	<25%
Light transmittance	43%
Chemical solidity after sintering (μg·cm^{-2})	<100
Cytotoxicity	0 Level
Radioactivity (Bq·g^{-1})	<0.1

Chemical Composition

$ZrO_2+HfO_2+Y_2O_3$	⩾99%
Y_2O_3	4.5%-6.0%
A_2O_3	<0.01%
Fe_2O_3	<0.01%
SiO_2	<0.01%
Others oxides	<0.5%

Recommended Indications

Inlay | Coping | Coping bridge | Full crown | Full contour crown | Implant | Abutment screw retained bridge | full arch

HT

Full ceramic restoration material

Colors

Super High Translucent Plus White Zirconia

System

98mm　95mm　92x75mm　Block

Thickness

- 12mm
- 14mm
- 16mm
- 18mm
- 20mm
- 22mm
- 25mm

Physical characteristics

Density before sintering ($g \cdot cm^{-3}$)	＞3.0
Density after sintering ($g \cdot cm^{-3}$)	⩾6.0
CTE (25-500°C) (K^{-1})	(10.5±0.5) ×10^{-6}
Flexural strength after sintering (Mpa)	1250
Accelerated aging surface monoclinic phase content	<25%
Light transmittance	39%
Chemical solidity after sintering ($\mu g \cdot cm^{-2}$)	<100
Cytotoxicity	0 Level
Radioactivity ($Bq \cdot g^{-1}$)	<0.1

Chemical Composition

$ZrO_2+HfO_2+Y_2O_3$	⩾99%
Y_2O_3	4.5%-6.0%
A_2O_3	<0.01%
Fe_2O_3	<0.01%
SiO_2	<0.01%
Others oxides	<0.5%

Recommended Indications

Inlay | Coping | Coping bridge | Full crown | Full contour crown | Implant | Abutment screw retained bridge | full arch

Glass Ceramic

The main component of Glass Ceramic is lithium disilicate produced in a special process . The blocks are fast to mill and the simple crystallization process makes it to a supreme esthetic ceramic material for chairside applications such as Inlays , Onlays and Crowns.

System

Sirona and other systems　18 ×13 ×15　40× 15× 14

Types

Transparency

HT / LT

Material Characteristic:

Thermal Expansivity (25-500°C)[$10 \cdot K^{-1}$]	(10.5±0.5) ×10^{-6}
Chemical Solubility [$\mu g \cdot cm^{-2}$]	⩽40
Bending Strength [Mpa]	400±60
Density[$g \cdot cm^{-2}$]	2.47±0.05

Recommended Indications

Veneer　Anterior crown　Posterior crown　Monolithic Bridge⩽ 3 Units　Inlay　Onlay

Colors

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

Advantage

1. High translucency up to 48% matching the esthetics of natural teeth
2. 16 Vita Shades and 1 Bleach Shade guarantee the best shade match
3. Thanks to the simple and fast process, patients can experience a same day restoration without the need of a second appointment

Press ingot

Yilink ingot block has high light transmittance and beauty function effect.
It can be used for inlay and inlay veneer, front and rear single crown.

Material Characteristic:

Thermal Expansivity (25-500°C)[K^{-1}]	(10.5±0.5) ×10-6
Chemical Solubility [$\mu g \cdot cm^{-2}$]	≤40
Bending Strength [Mpa]	400±60
Density[$g \cdot cm^{-2}$]	2.47±0.05

Recommended Indications

Veneer · Anterior crown · Posterior crown · Inlay · Onlay

Colors

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

Size

12.5*10

Transparency

HT / LT

Advantage

1.Excellent all ceramics esthetic restoration
2.Natural &Lifelike color

Monocolor PMMA

Yilink Monocolor PMMA is used for temporary restorations, 16 colors available, a perfect fitting temporary is quickly produced. Various available geometries and sizes make it compatible with all kinds of milling machines. Yilink Temp can also be used as a fit and function check before the final restoration is produced. We recommend this PMMA for machine calibration as well.

Thickness

10mm 12mm 14mm 16mm 18mm 20mm 22mm 25mm

System

98mm · 95mm · 92×75mm · block

Material Characteristic:

Thermal Expansivity (25-500°C)[K^{-1}]	(10.5±0.5) ×10-6
Chemical Solubility [$\mu g \cdot cm^{-2}$]	⩽5
Bending Strength [MPa]	⩾120
Density[$g \cdot cm^{-2}$]	⩾1.18

Recommended Indications

Temporary bridges · Verification of the bridge · Temporary crowns · Temporary full arch

Colors

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

Advantage

1.Various colors and geometries
2.Long-term color stability and easy to polish
3.Biocompatible because of low residual monomer

Multilayer PMMA

Yilink Multilayer PMMA is the aesthetic solution for temporary restorations. Thanks to the smooth layer transition and natural color gradient , only polishing is necessary to finalize long term temporary crown and bridges . Available in 16 shade as well as various geometries and sizes, Yilink Temp is compatible with all kinds of milling machines .

The aesthetic solution for temporary restorations

Thickness

10mm 12mm 14mm 16mm 18mm 20mm 22mm 25mm

System

98mm 95mm 92×75mm block

Material Characteristic:

Thermal Expansivity (25-500°C)[K^{-1}]	(10.5±0.5)×10-6
Chemical Solubility [μg·cm^{-2}]	≤5
Bending Strength [MPa]	≥120
Density[g·cm^{-2}]	≥1.18

Recommended Indications

Temporary bridges Temporary crowns Temporary full arch Full contour screw retained bridge

Colors

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

Advantage

1.Esthetic,natural results only through polishing
2.Various colors and geometries
3.High strength and biocompatible for long term temporaries

Multi-Mix Color PMMA

Yilink multi mix color PMMA is used for full denture. In terms of color, it can provide 16 colors, and can match a variety of sizes to meet the needs of different mainstream cutting systems

Multi-mix color full denture dental pmma

Thickness

30mm 40mm

System

98mm 95mm

Recommended Indications

Temporary crowns Temporary full arch

Material Characteristic:

Thermal Expansivity (25-500°C)[K^{-1}]	(10.5±0.5)×10-6
Chemical Solubility [μg·cm^{-2}]	≤5
Bending Strength [MPa]	≥120
Density[g·cm^{-2}]	≥1.18

Colors

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

Advantage

1.Stable, denture won't fall apart from gingival base
2.Save time and labor cost
3.Excellent long-term stability and esthetics

PMMA

Aesthetic and realistic resembling natural teeth

- Monocolor
- Multilayer
- Flexible
- Multi-Mix Color
- Clear
- Pink

PEEK

PEEK is suitable for the digital material of fixed and removable dentures, such as implant-supported super structures, attachment or screw-retained restorations and also crowns and bridges including secondary and telescope crowns.

Highly compatible with excellent performance

Size

98*(10/12/14/16/18/20/22/25)mm,
95*(10/12/14/16/18/20/22/25)mm,
AG*(12/14/16/18/20/25)mm

Recommended Indications

Fixed and removable dentures

Colors

Natural White Teeth Yellow Pink

Natural White Yellow Pink

Color	Density (g/cm^3)	Bending strength (Mpa)	Flexura modulus (Mpa)	Impact strength (Kj/m^2)
Natural	1.32	163	4	199
White	1.48	152	5.3	145
Teeth Yellow	1.51	154	5.6	162
Pink	1.51	165	5.8	160

Advantage

1. Density is near to natural teeth
2. High resistance to wear, abrasion
3. Easy to clean

Wax

Material Characteristic:

Hardness	95(Shore"A"Scale)
Density	0.92 g · cm-3
Ignition point	298°C
Melting point	114°C
Viscosity	1790 CS
Volume shrinkage (natural point to room temperature)	6.24% typica
Ash content(lost wax casting	0.0082%
Bending modulus	10.09
Coefficient of thermal expansion	1.09x104

Color

Indications

Wax model Calibration

Advantage

1.Easier to process - Low resin content,milling without bonding milling bur
2.More environmentally friendly - No harmful dust and odour.Better match
3.Better effect - No deformation after milling, no burrs
4.Higher success rate - Small thermal expansivity, greatly improve the success rate

03 Implant

CUSTOMIZED ABUTMENT PREMILLED BLANK

Titanium plate

Cermet restorations with excellent biocompatibility

Thickness

- 10-25mm

System

- ϕ98mm
- ϕ95mm
- 150×140mm
- 220×150mm

Recommended Indications

Advantage

For titanium crowns, bridges,bars, and dental implant applications Corrosion resistant material with strong durability.

Jig-gel

Dental technicians can make implant clamps very easily by pouring resin over the abutment and photocuring the resin to dissolve and hold the abutment tightly.

Volume

- 12 ml

Advantage

- Products can be applied to be the implanting guide plate.
- It can be used as base retention.
- Fold moulding can be directly used for embedding casting.
- It is easy to operate and fast curing within 10 seconds .
- No wire retention , direct moulding of bridge frame , no odor.

Implant parts

Personalized abutments for CAD/CAM sculpted dentures
Support customization

Material

Grade 5 titanium

Pre-milled Diameter

10mm, 14mm

Pre-milled Diameter

Covering more than 95% of implant brands

SCAN BODYS		ANALOG		TITANIUM BASES		PREMILL		
SC-B	SC-S1	AN-A	AN-D	SC-L	SC-NL	TZ1	TZ1N	TZ2

European& American systems	Anthogyr/ Biomet 3i/ BEGO/ bicon/ BIOHORIZONS B&B/ Biodenta/ CAMLOG/ C-TECH/ Dentsply Human Tech/ ICX /Nobel/ NEOSS/ STRAUMANN ITI/SIC SPI/ Ticare/ Zimmer Biomet
Korean system	CSM/Dentium/ DIO DENTIS/ IBS/ MEGAGEN Neobiotech/ OSSTEM/SG/ SNUC SG/ SNUC/ WARANTEC
Israeli (and other) system	ADIN/ Alpha-Bio Tec/ AB/ Cortex/ MIS
Chinese system	CANSUN/ Datsing

Screwdriver / screw

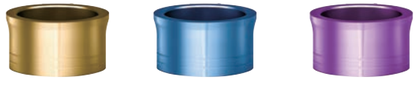
- Laser code printing for easy identification
- It can be matched with long, medium and short screwdrivers for different parts of the mouth
- The adapter is matched with a variety of machine screwdrivers, and the machine is changed from second to manual
- The fuselage is 85mm, the length is moderate, and the operation is in the mouth

Guide plate tool box

A 2mm diameter pioneer drill and 7 reaming drills with different diameters of 2.5mm + 4.3mm are built in. At the same time, a reducing handle matching the two kinds of guide rings is provided in the tool box to gradually change the inner diameter of the guide ring to a diameter suitable for the needle.

This set of tools can help doctors complete the whole process from positioning and drilling to step-by-step hole preparation under the guidance of planting guide plate

Guide plate guide ring



Laboratory technicians can easily make implant clamps by injecting resin on the base platform, curing the resin to be dissolved and firmly fixing the base platform.

- guide ring: place it at the planting position of the guide plate to guide the drilling bit and needle for hole preparation.
- side retaining needle guide ring: guide the punching of the side retaining needle used to fix the guide plate.
- radiation guide plate blocking ring: for complete edentulous jaw disease, it is necessary to make radiation guide plate. The placement of radiation guide plate blocking ring will be used to confirm the occlusal relationship and facilitate the overall grasp of the design of implant surgery.

Lab screwdriver kit

Working Part Medical Grade Stainless Steel
Through Quenching Treatment
100% Top Quality

Abbreviation	Handle color	Mouth shape	Neck diameter	Suitable implant system
SPI	grey	crisscross	1.58	SPI
MQ- ICX	black	hexagonal	1.69	ICX
3I	red	conical hexagonal	1.6	Osstem, Megagen, Anthogyr, BEGO, Alpha-bio, Biodenta, Neobiotech, Dio-UF, 3i, Sic, B&B dental
NOB	blue	Hexagram	1.7	Nobel
AST	purple	conical hexagonal	1.6	Dentium, Dentis, Astra, Zimmer , Cortex, Adin, Biohorizons, Camlog, MIS
FRI	green	hexagonal	1.6	Fri
ANK	Golden	hexagonal	1.6	Ankylos
ITI	rose Red	six petal plum	1.69	ITI，Dio-SM

Gum

Excellent fluidity and pressure thixotropic, accurately replicating all details of periodontal tissue. The shape is stable and does not deform, and has strong tear resistance can be polished and cut, the texture is real, and the color is natural.

specification

contains: 50 ml gingival replicate silicone rubber cartridge package 2, automatic mixing head, 10 injection heads.

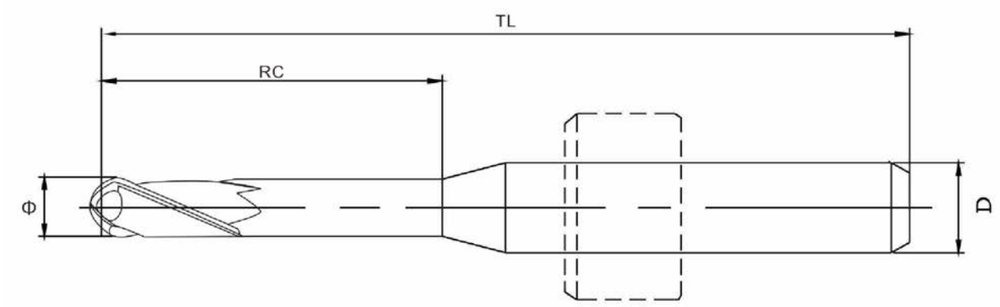
04 CONSUMABLES

CAD/CAM

SIZE&COATING OF MILLING BURS

φ : Flute Diameter(mm) **TL: Overall Length(mm)**

RC: Effective Length(mm) **D : Shank Diameter(mm)**



Our tungsten carbide milling burs, compatible with mainstream CAD/CAM machines or systems, are good choices for trimming zirconia, titanium, cobalt-chromium and PMMA. According to trimmed material, our burs have different coatings to improve burs' life span. Customization services offered upon request.

Zirconia **Glass Ceramic** **Metal**

Milling Equipment-XTCERA

XTCERA 4 axis

- ○ **φ2.0 T1** R1.0*RC16*D3*TL50
- ○ **φ1.0 T2** R0.5*RC16*D3*TL50
- ○ **φ0.6 T3** R0.3*RC8*D3*TL50
- ○ **φ2.0 T1 Longer** R1.0*RC22*D3*TL50
- ○ **φ1.0 T2 Longer** R0.5*RC20*D3*TL50

XTCERA 5 axis

- ○ **φ2.0 T1** R1.0*RC16*D4*TL50
- ○ **φ1.0 T2** R0.5*RC16*D4*TL50
- ○ **φ0.6 T3** R0.3*RC8*D4*TL50
- ○ **φ2.0 T1 Longer** R1.0*RC22*D4*TL50
- ○ **φ1.0 T2 Longer** R0.5*RC20*D4*TL50

XTCERA 300/400

- ○ **φ2.5 T1** R1.25*RC16*D3*TL45
- ○ **φ1.0 T2** R0.5*RC10*D3*TL45
- ○ **φ0.6 T3** R0.3*RC12*D3*TL45

XTCERA 5 axis

- ○ **φ2.5 T1** R1.25*RC16*D4*TL45
- ○ **φ1.0 T2** R0.5*RC10*D4*TL45
- ○ **φ0.6 T3** R0.3*RC12*D4*TL45

XTCERA X-MLII 600S

- ○ **φ3.0 T2** R1.5*RC16*D6*T60
- ○ **φ2.0 T3** R1.0*RC16*D6*T60
- ○ **φ1.0 T4** R0.5*RC10*D6*T60

XTCERA X-MLII 300

- ○ **φ3.0 T1** R1.5*RC15*D4*TL50
- ○ **φ2.0 T2** R1.0*RC12*D4*TL50
- ○ **φ1.5 T3** R0.75*RC10*D4*TL50

XTCERA X-MLII 600

- ○ **φ3.0 T1 Ballmill** R1.5*RC15*D6*TL50
- ○ **φ2.0 T2 Ballmill** R1.0*RC12*D6*TL50
- ○ **φ1.0 T3 Ballmill** R0.5*RC10*D6*TL50
- ○ **φ2.0 T4 Bullnose** 2.0R0.2*RC5*D6*TL50
- ○ **φ1.5 T5 Bullnose** 1.5R0.1*RC14*D6*TL50
- ○ **φ2.0 T6 Endmill** 2.0*RC7*D6*TL50
- ○ **φ1.5 T7 Endmill** 1.5*RC14*D6*TL50
- ○ **φ1.0 T8 Endmill** 1.0*RC5*D6*TL50
- ○ **φ0.5 T9 Endmill** 0.5*RC3*D6*TL50
- ○ **φ2.2 T10 Drill** 2.2*RC18*D6*TL50
- ○ **φ1.5 T11 Drill** 1.5*RC13*D6*TL50

Equipment-IMES ICORE

IMES ICORE 250i

- φ2.5 T1 R1.25*RC20*D3*TL48
- φ1.0 T2 R0.5*RC14*D3*TL48
- φ0.6 T3 R0.3*RC10*D3*TL48

IMES ICORE 350i

- φ2.5 T1 R1.25*RC20*D6*TL53
- φ1.0 T2 R0.5*RC14*D6*TL53
- φ0.6 T3 R0.3*RC12*D6*TL53

IMES ICORE 250i

- φ2.5 T1 R1.25*RC14.5*D3*TL42
- φ1.0 T2 R0.5*RC10*D3*TL43
- φ0.6 T3 R0.3*RC10*D3*TL43

IMES ICORE 350i

- φ2.5 T21 R1.25*RC15*D6*TL40
- φ1.0 T22 R0.5*RC10*D6*TL40
- φ0.6 T23 R0.3*RC10*D6*TL40

IMES ICORE 350i

φ3.0 T1 Ballmill	R1.5*RC15*D6*TL50
φ2.0 T2 Ballmill	R1.0*RC12*D6*TL50
φ1.5 T3 Ballmill	R0.75*RC10*D6*TL50
φ1.0 T4 Ballmill	R0.5*RC10*D6*TL50
φ1.5 T5 Endmill	1.5*RC14*D6*TL50
φ0.5 T6 Endmill	0.5*RC3*D6*TL50
φ1.0 T7 Endmill	1.0*RC5*D6*TL50
φ2.0 T8 Endmill	2.0*RC7*D6*TL50
φ2.2 T9 Drill	2.2*RC18*D6*TL50
φ1.5 T10 Drill	1.5*RC13*D6*TL50
φ2.0 T16 Bullnose	2.0R0.2*RC5*D6*TL50
φ1.5 T17 Bullnose	1.5R0.1*RC14*D6*TL50

Milling Equipment-ARUM

ARUM D4

- φ2.0 T1 R1.0*RC16*D4*TL50
- φ1.0 T2 R0.5*RC16*D4*TL50
- φ0.6 T3 R0.3*RC8*D4*TL50

ARUM D6

- φ2.0 T1 R1.0*RC20*D6*TL55
- φ1.0 T2 R0.5*RC16*D6*TL55

ARUM D4

- φ2.5 T1 R1.25*RC16*D4*TL44.5
- φ1.5 T2 R0.75*RC16*D4*TL44.5
- φ1.0 T3 R0.5*RC16*D4*TL44.5
- φ0.6 T4 R0.3*RC12.5*D4*TL41

ARUM D6

- φ2.5 T1 R1.25*RC12.35*D6*TL50
- φ2.0 T2 R1.0*RC12.35*D6*TL50
- φ1.5 T3 R0.75*RC12.35*D6*TL50
- φ1.0 T4 R0.5*RC10.5*D6*TL50

ARUM

φ3.0 T5 Ballmill	R1.5*RC12*D6*TL50
φ2.0 T6 Ballmill	R1.0*RC12*D6*TL50
φ1.5 T7 Ballmill	R0.75*RC10*D6*TL50
φ1.0 T8 Ballmill	R0.5*RC10*D6*TL50
φ1.5 T9 Ballmill	R0.75*RC6*D6*TL50
φ1.5 T9 Bullnose	1.5R0.1*RC7*D6*TL50
φ2.3 T10 Drill	2.3*RC18*D6*TL55
φ2.0 T10 Drill	2.0*RC18*D6*TL55
φ1.5 T11 Drill	1.5*RC14*D6*TL50
φ2.0 T12 Endmill	2.0*RC18*D6*TL55
φ2.0 T13 Endmill	2.0*RC6*D6*TL50
φ1.5 T13 Endmill	1.5*RC7*D6*TL50
φ0.6 T14 Ballmill	R0.3*RC3*D6*TL50
φ1.75 T15 Endmill	1.75*RC14*D6*TL50
φ1.5 T15 Endmill	1.5*RC14*D6*TL50

IDEALMILL/ZOTION

Ideal Mill/Zotion

- φ2.0 T1
  R1.0*RC16*D4*TL50
- φ1.0 T2
  R0.5*RC16*D4*TL50
- φ0.6 T3
  R0.3*RC8*D4*TL50
- φ1.5 T4
  1.5*RC16*D4*TL50

Zotion

- φ2.0 T1
  R1.0*RC16*D6*TL50
- φ1.0 T2
  R0.5*RC16*D6*TL50

Ideal Mill

- φ2.0 T1
  R1.0*RC14.5*D4*TL45.5
- φ1.0 T2
  R0.5*RC12*D4*TL45.5
- φ0.6 T3
  R0.3*RC7*D4*TL45.3

Ideal Mill

- φ2.5 T1
  R1.25*RC15*D4*TL50
- φ1.5 T2
  R0.75*RC10*D4*TL50
- φ1.0 T3
  R0.5*RC10*D4*TL50

Zotion

φ3.0 Ballmill	R1.5*RC15*D6*TL50
φ2.0 Ballmill	R1.0*RC12*D6*TL50
φ1.0 Ballmill	R0.5*RC10*D6*TL50
φ0.5 Ballmill	R0.25*RC3*D6*TL50
φ1.5 Drill	1.5*RC7*D6*TL50
φ2.5 Drill	2.5*RC18*D6*TL50
φ1.0 Endmill	1.0*RC5*D6*TL50
φ2.0 Endmill	2.0*RC7*D6*TL50
φ1.5 Bullnose	1.5R0.1*RC14*D6*TL50
φ2.0 Bullnose	2.0R0.2*RC17*D6*TL50

BSM

BSM D4

- φ2.0 T1
  R1.0*RC16*D4*TL50
- φ1.0 T2
  R0.5*RC16*D4*TL50
- φ0.6 T3
  R0.3*RC8*D4*TL50
- φ1.0 T4
  1.0*RC14*D4*TL50

BSM D6

- φ2.0 T1
  R1.0*RC16*D6*TL50
- φ1.0 T2
  R0.5*RC16*D6*TL50
- φ0.6 T3
  R0.3*RC8*D6*TL50

BSM D6

- φ2.5 T1
  R1.25*RC15*D6*TL40
- φ1.0 T2
  R0.5*RC10*D6*TL40
- φ0.6 T3
  R0.3*RC10*D6*TL40

BSM

φ3.0 Ballmill	R1.5*RC15*D6*TL50
φ2.0 Ballmill	R1.0*RC12*D6*TL50
φ1.0 Ballmill	R0.5*RC10*D6*TL50
φ1.5 Endmill	1.5*RC14*D6*TL50
φ0.5 Endmill	0.5*RC3*D6*TL50
φ1.0 Endmill	1.0*RC5*D6*TL50
φ2.0 Endmill	2.0*RC7*D6*TL50
φ2.2 Drill	2.2*RC18*D6*TL50
φ1.5 Drill	1.5*RC13*D6*TL50
φ2.0 Bullnose	2.0R0.2*RC5*D6*TL50
φ1.5 Bullnose	1.5R0.1*RC14*D6*TL50

D3.175/JINY

D3.175

- φ2.0 T1 R1.0*RC16*D3.175*TL38
- φ1.0 T2 R0.5*RC16*D3.175*TL38
- φ0.6 T3 R0.3*RC8*D3.175*TL38

JINY D4

- φ2.0 T1 Longer R1.0*RC20*D3.175*TL45
- φ1.0 T2 Longer R0.5*RC20*D3.175*TL45

JINY 4 axis

- φ2.5 T1 R1.25*RC15*D6*TL40
- φ1.0 T2 R0.5*RC10*D6*TL40

JINY 5 axis

- φ2.0 T1 R1.0*RC12.35*D6*TL50
- φ1.0 T2 R0.5*RC10.5*D6*TL50

JINY

- φ3.0 T1 Ballmill R1.5*RC15*D6*TL50
- φ2.0 T2 Ballmill R1.0*RC12*D6*TL50
- φ1.0 T3 Ballmill R0.5*RC10*D6*TL50
- φ0.5 T4 Ballmill R0.25*RC3*D6*TL50
- φ2.0 T5 Bullnose 2.0R0.2*RC5*D6*TL50
- φ2.0 T6 Endmill 2.0*RC7*D6*TL50
- φ1.0 T7 Endmill 1.0*RC5*D6*TL50
- φ1.5 T8 Drill 1.5*RC13*D6*TL50
- φ2.0 T9 Drill 2.0*RC10*D6*TL50
- φ2.5 T10 Drill 2.5*RC15*D6*TL50
- φ1.5 T11 Endmill 1.5*RC14*D6*TL50

CRADLE/QIRUN

CRADLE

- φ2.0 T1 R1.0*RC14*D3*TL38
- φ1.0 T2 R0.5*RC14*D3*TL38
- φ0.6 T3 R0.3*RC10*D3*TL38
- φ1.5 T4 R0.75*RC14*D3*TL38

CRADLE

- φ2.0 T1 R1.0*RC19.8*D6*TL50
- φ1.0 T2 R0.5*RC19.8*D6*TL50
- φ0.6 T3 R0.3*RC19.8*D6*TL50

CRADLE

- φ3.0 T1 Ballmill R1.5*RC15*D6*TL50
- φ2.0 T2 Ballmill R1.0*RC12*D6*TL50
- φ1.0 T3 Ballmill R0.5*RC10*D6*TL50
- φ2.5 T4 Drill 2.5*RC15.5*D6*TL50
- φ1.5 T5 Drill 1.5*RC15.5*D6*TL50
- φ2.0 T6 Endmill 2.0*RC7*D6*TL50
- φ1.5 T7 Ballmill R0.75*RC10*D6*TL50
- φ2.0 T8 Bullnose 2.0R0.2*RC12*D6*TL50
- φ1.5 T10 Bullnose 1.5R0.1*RC14*D6*TL50
- φ0.5 T11 Ballmill R0.25*RC3*D6*TL50
- φ1.0 T12 Endmill 1.0*RC5*D6*TL50

QIRUN

- φ8.0 T1 Bullnose 8.0R0.5*RC20*D8*TL64
- φ6.0 T2 Bullnose 6.0R0.5*RC20*D6*TL50
- φ4.0 T3 Ballmill R2.0*RC25*D6*TL60
- φ2.0 T4 Ballmill R1.0*RC12*D6*TL50
- φ2.0 T5 Ballmill R1.0*RC12*D6*TL50
- φ1.0 T6 Ballmill R0.5*RC8*D6*TL50

SIRONA

MCX 5

- φ2.5 T1
  R1.25*RC25*D3*TL43
- φ1.0 T2
  R0.5*RC18*D3*TL43
- φ0.5 T3
  R0.25*RC5*D3*TL42

MCX L

- Shaper 25 RZ
- Finisher 10
- Shaper 25

MCX 5

- φ2.2 T1
  2.2*RC15.5*D3*TL37.4
- φ1.4 T2
  1.4*RC14.5*D3*TL35.4
- φ1.2 T3
  1.2*RC12.5*D3*TL36.4
- φ0.6 T4
  0.6*RC14.7*D3*TL34.5

CEREC3

- Cylinder Pointed Bur
  RC9.32*D1.8*TL23.5
- Step Bur 12
  RC13.2*D1.8*TL25.2
- Step Bur 10
  RC11.5*D1.8*TL23.3

MCX L

- Cylinder Bur 12S — 12S*RC14*D3.5*TL38
- Trapezoid Bur 12S — 12S*RC14*D3.5*TL38
- Step Bur12 — 12*RC13.5*D3.5*TL38
- Cylinder Pointed Bur 20 — 20*RC21.54*D3.5*TL46
- Trapezoid Pointed Bur 20 — 20*RC22*D3.5*TL46.3

UPCERA/DENTIUM

UP2000 D3 4 axis

- φ2.0 T1
  R1.0*RC16*D3*TL50
- φ1.0 T2
  R0.5*RC16*D3*TL50
- φ0.6 T3
  R0.3*RC8*D3*TL50

UP2000 D4 5 axis

- φ2.0 T1
  R1.0*RC16*D4*TL50
- φ1.0 T2
  R0.5*RC16*D4*TL50
- φ0.6 T3
  R0.3*RC8*D4*TL50

CRADLE X5

- φ2.0 T1
  R1.0*RC16*D4*TL45
- φ1.0 T2
  R0.5*RC16*D4*TL45
- φ0.6 T3
  R0.3*RC8*D4*TL45

DENTIUM D3

- φ2.0 T1
  R1.0*RC18*D3*TL50
- φ1.0 T2
  R0.5*RC16*D3*TL50
- φ0.5 T3
  R0.25*RC5*D3*TL42

DENTIUM D4

- φ2.0 T1
  R1.0*RC16*D4*TL45
- φ1.0 T2
  R0.5*RC16*D4*TL45
- φ0.6 T3
  R0.3*RC8*D4*T45

DENTIUM D6

- φ2.0 T1
  R1.0*RC16*D6*TL50
- φ1.0 T2
  R0.5*RC16*D6*TL50
- φ0.6 T3
  R0.3*RC8*D6*TL50

DENTIUM D3

- φ2.0 T1 — R1.0*RC12*D3*TL45
- φ1.0 T2 — R0.5*RC10*D3*TL45
- φ2.0 T1 — R1.0*RC13*D6*TL50
- φ1.0 T2 — R0.5*RC10*D6*TL50
- φ0.6 T3 — R0.3*RC6*D6*TL50

ROLAND/AMANN/ZIRKONZAHN/CERCON

ROLAND

- φ2.0 T1
  R1.0*RC16*D4*TL50
- φ1.0 T2
  R0.5*RC16*D4*TL50
- φ0.6 T3
  R0.3*RC8*D4*TL50
- φ2.0 T1 Longer
  R1.0*RC22*D4*TL50
- φ1.0 T2 Longer
  R0.5*RC20*D4*TL50

ROLAND

- φ2.5 T1
  R1.25*RC15*D3*TL40
- φ1.0 T2
  R0.5*RC6*D3*TL40
- φ0.6 T3
  R0.3*RC9.3*D3*TL40

Amann Girrbach

- φ2.5 T1
  R1.25*RC16*D3*TL47
- φ1.0 T2
  R0.5*RC16*D3*TL47
- φ0.6 T3
  R0.3*RC13*D3*TL47

Amann Girrbach

- φ1.8 T1
  1.8*RC14*D3*TL43
- φ1.4 T2
  1.4*RC14*D3*TL43
- φ1.0 T3
  R0.5*RC13.65*D3*TL43
- φ0.4 T4
  R0.2*RC6.3*D3*TL43

ZIRKONZAHN

- φ2.0 T1 D3
  R1.0*RC18*D3*TL57
- φ1.0 T2 D3
  R0.5*RC12*D3*TL57
- φ0.5 T3 D3
  R0.25*RC6*D3*TL57
- φ2.0 T1 D6
  R1.0*RC18*D6*TL50
- φ1.0 T2 D6
  R0.5*RC12*D6*TL50
- φ0.5 T3 D6
  R0.25*RC20*D6*TL50

CERCON

- φ2.0 T1
  R1.0*RC30*D3.5*TL55
- φ1.0 T2
  R0.5*RC30*D3.5*TL55
- φ0.5 T3
  R0.25*RC10*D3.5*TL55

WIELAND/VHF/AIM

WIELAND 4 axis

- φ2.5 T1
  R1.25*RC20*D3*TL35
- φ1.0 T2
  R0.5*RC16*D3*TL35
- φ0.7 T3
  R0.35*RC7*D3*TL35

WIELAND 5 axis

- φ2.5 T1
  R1.25*RC20*D3*TL40
- φ1.0 T2
  R0.5*RC16*D3*TL40
- φ0.7 T3
  R0.35*RC7*D3*TL40

VHF 4 axis

- φ2.0 T1
  R1.0*RC16*D3*TL35
- φ1.0 T2
  R0.5*RC16*D3*TL35
- φ0.6 T3
  R0.3*RC7*D3*TL35

VHF 5 axis

- φ2.0 T1
  R1.0*RC16*D3*TL40
- φ1.0 T2
  R0.5*RC16*D3*TL40
- φ0.6 T3
  R0.3*RC7*D3*TL40

VHF

- φ2.2 T1
  R1.2*RC15.9*D3*TL35
- φ1.0 T2
  R0.5*RC8.6*D3*TL35
- φ0.6 T3
  R0.3*RC8.6*D3*TL35

AIM

- φ2.0 T1
  R1.0*RC15*D4*TL40
- φ1.0 T2
  R0.5*RC10*D4*TL40
- φ0.5 T3
  R0.25*RC2.5*D4*TL40

LAVA/YENA/ELOSDENT

LAVA

- φ2.0 T1
  R1.0*RC16*D3*TL47
- φ1.0 T2
  R0.5*RC16*D3*TL47

YENA

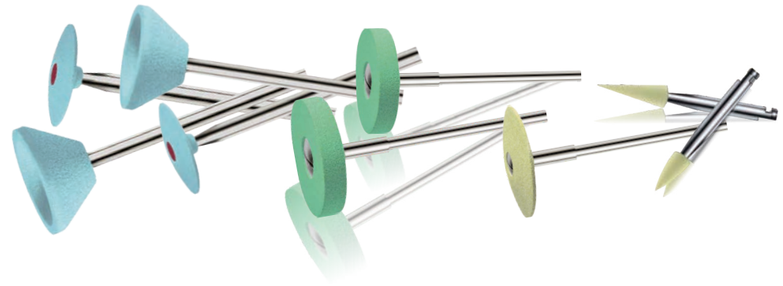
- φ2.0 T1
  R1.0*RC16*D4*TL45
- φ1.0 T2
  R0.5*RC16*D4*TL45
- φ0.6 T3
  R0.3*RC8*D4*TL45

ELOSDENTi5

○ φ1.5 T1	Drill	1.5*RC15*D6*TL60	○ φ0.5 T9	Endmill	0.5*RC3*D6*TL50
○ φ2.0 T2	Drill	2.0*RC22*D6*TL60	○ φ1.0 T10	Endmill	1.0*RC5*D6*TL50
○ φ1.0 T3	Ballmill	R0.5*RC10*D6*TL50	○ φ1.0 T11	Endmill	1.0*RC8*D6*TL50
○ φ2.0 T4	Ballmill	R1.0*RC12*D6*TL50	○ φ2.0 T12	Endmill	2.0*RC10*D6*TL50
○ φ3.0 T5	Ballmill	R1.5*RC15*D6*TL50	○ φ1.0 T13	Ballmill	R0.5*RC10*D6*TL50
○ φ1.5 T6	Bullnose	1.5R0.1*RC14*D6*TL50	○ φ2.0 T14	Ballmill	R1.0*RC12*D6*TL50
○ φ1.5 T7	Bullnose	1.5R0.1*RC14*D6*TL50	○ φ1.5 T15	Ballmill	R0.75*RC10*D6*TL50
○ φ2.0 T8	Bullnose	2.0R0.2*RC12*D6*TL50	○ φ2.0 T16	Bullnose	2.0R0.2*RC20*D6*TL50

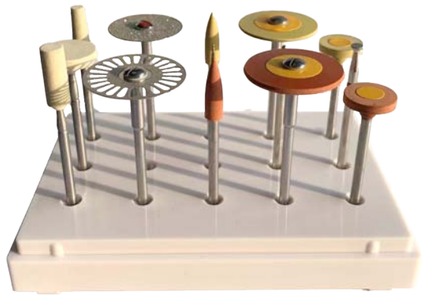
Polishing tool

For fast finishing and removing zirconia workpiece, heatless , dry processing , smooth grinding , sharp and flexible , no cracking or damage



pack:1pc Grit:medium empf:10000-15000 max:25000						
Size(mm):	22×4.5	22×2	22×2.5	22×3	17×3.5	
pack:1pc Grit:medium empf:10000-15000 max:25000						
Size(mm):	13×8	16×2	16×2	13×3.5	13×2	13×2
pack: 1pc Grit:medium empf:10000-15000 max:25000						
Size(mm):	12×4	7×7	6×4	6.5×2	5×2.5	5×1.5

Glass ceramic polishing kit



Especially suitable for glass ceramics. Contains emery particles for efficient polishing.Polished surface is smooth and no need to be glazed.

Zirconia polishing kit

Suitable for polishing zirconia materials. Efficient and high- speed process, takes only 1-2 minutes to finish polishing.

Firing paste

Ingredient

Alumina, quartz, hydroxyethyl cellulose, polyethylene glycol and distilled water.

Specification

5ml, 10ml, 12ml, 15ml, 20ml

Intended Use

This product is used for placing the computer-assisted milling ceramic restoration stably on the crystallization disk or crystallization needle during the firing process, and can also be used to protect the ceramic restoration placed on the metal needle during the firing process. Please remove after sintering.

Advantage

- High temperature resistance is up to 1300 °C
- No drying time, No deformation during ignition
- After firing, just pull it out without scraping or sandblasting

Zirconia special dye pen

It is mainly used in zirconia dyeing to help technicians dye better.

Advantage

uniform dyeing

Product specification

9mm, 12mm

There are many choices of product specifications. You can assign colors according to Vita16 colors to reduce the need to change the dye pens during operation.

Glaze

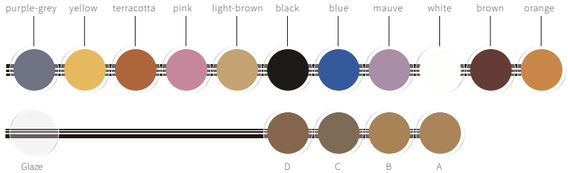
Stain & Glaze Paste Set contains body shades in A, B,C and D to achieve all shades, 11 effect colors, transparent glaze and diluting liquid.

Stain & Glaze Set

◇ Natural fluorescent effect
◇ One-bake-solution
◇ Glossy and dense surface
◇ Super high translucent
◇ Perfect match of the paste for monolithic restorations

Indications

Range, Stain, Bridge, Veneer, Porcelain on veneer, All-ceramic crown



Opaque Liquid

The zirconia special opaque liquid only needs to be painted once inside the zirconia crown, and the ultra-thin and ultra-transparent zirconia crown can also cover the background color of the abutment tooth, and achieve high aesthetic restoration effect easily.

Indications

Restoration of the upper part of the implant, tetracycline, necrotic teeth, whitening teeth and other abutment teeth with poor or discolored background.

Feature

High aesthetic restoration effect, which can not only cover the color, but also ensure the permeability of the surface of the prosthesis.

It can solve the problems of technicians and easily achieve the high aesthetic restoration effect

Can well cover the base color of abutment teeth.

Consumables

Color liquid indicator

The colors are divided into four types: red, yellow, blue, and green. After being mixed with the dyeing solution, they are painted on the restoration, and at the same time, they show obvious colors, which is convenient for the technician to control the color of the restoration. After sintering, the indicator is completely volatilized.

Etching Liquid

This product can increase the bonding strength of the resin and porcelain powder by infiltrating the surface of zirconia, roughen the surface of the crown, and increase the bonding strength with the porcelain layer.

Product indications

Veneer, implant superstructure, bridge, inlay/high inlay, partial crown and single crown

Coloring Liquid

The product only needs to be painted one layer inside the zirconia crown, and the ultra-thin and ultra-transparent zirconia crown can also cover the base color of the abutment teeth.

Product indications

Abutment teeth with poor base color or discoloration such as implant upper restoration, tetracycline teeth, necrotic teeth, whitening teeth, etc

Product features

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

Advantage

The operation is simple, and it can easily achieve a high aesthetic restoration effect. While covering the color, it can also ensure the permeability of the restoration surface.

Zirconium Bead

Product Name	Zirconium bead
Specific weight (g/cm³)	⩾6.0
Compressive strength (N)	⩾2000 (2mm)
Chemical composition	ZrO_2⩾94.6 Y_2O_3⩾5.2
Specification	0.1 (0.08-0.12) -50mm
Bulk density (g/cm³)	⩾3.6
Vickers hardness(HV10)	⩾1250
Moh's hardness	9

Sagger

The material and shape of the sintering plate can be customized according to customer needs

Zirconia sintered sagger

Corundum sintering sagger

Product name	Zirconia sintered sagger	Corundum sintering sagger
purity	Al_2O_3>99%	Al_2O_3>99%
temperature	Long-term use at 1600°C, short-term use at 1800°C	Long-term use at 1600°C, short-term use at 1800°C
process	Slip Casting	Slip Casting/Die Casting
Specification	80*30/ 90*25/ 100*35/ 110*30/ 120*120/ 120*120*40/ 140*30	
Attributes	High purity and good chemical resistance Good temperature resistance Good resistance to cold and heat, not easy to crack, more durable than ordinary products	

05 Dental Equipment

YL-P2

INTRAORAL SCANNER

The digital dental clinic is the starting point of oral digitalization. The 3D Intra-Oral-Scanner is the first device in the digital workflow.
The YL-P2 Intraoral Scanner will be your most convenient and efficient multi-tool for various applications like diagnostics, patient education and of course digital impression taking. Provide your patients more and better services and increase quality and efficiency in your dental clinic.

Product Parameters

Overall Size	Tips End	Field of View	Depth of Field
216 x 40 x 36 mm	19.6 x 14.6 mm Autoclavable	18 x 16 mm	20 mm

Data Output	Interface	Patents	Certificates
STL PLY PTY *encrypted data available	USB3.0	40+	CE ISO FDA

Advantage

1-2 min
Full Arch Scanning

3 types
Different Angle Tips

10 μm
More Accurate

246g
Aviation Aluminum

YL-DP2

YL-DP2 IS A MASS-PRODUCED LARGE-PANEL EQUIPMENT TO REPLACE PLASTER MODELS.

YL-DP2 is in practical application, and the large-area algorithm has been optimized so that the deviation of the insertion and extraction gap of each pair of models does not exceed 0.01mm and compatible to 3shape and EXO to ensure the stability in mass production. The printing speed has been improved. The average time per printing is only 30 minutes.With its large printing area and the developed intelligent YL-DP2 typeset production management software,the number of printing models of each YL-DP2 can easily exceed 100 pcs per day.

Product Parameters

Dimension(L*W*H)	42*42*80cm
Printing Dimension(L*W*H)	134.4mm*75.6mm*130mm
Connection	Wifi/Lan
Consistency	>99% (gap deviation is below 0.01mm)
Woking efficiency	10 pieces plaster models/30 minutes
Power	AC100-24V±10% /50/60HZ, 200W
Application	Plaster models, Orthodontic mode, Implant guide

Advantage

- High-efficient, the average time per printing is only 30 minutes
- Stable, the deviation of the insertion and extraction gap of each pair of models does not exceed 0.01mm. It ensures the stability in mass production.
- Low cost, the number of printing models can be easily exceeds 100pcs per day.

YL-DP3

SHINE IN THE RESIN PRINTING FUTURE

Equipped with brand new chip for upgraded Al algorithm and high performance mainboard. Super data processing performance to support surging poweroperation, greatly improving the printing efficiency
This machine is specially designed for the dental field . The 100mm printing height can increase the stability of its Z-axis ,reduce unnecessary burdens , and increase the final printing accuracy of the machine , as well as service life twice that of common rod motor

Product Parameters

Machine size	432x292x456mm
Printing size	192X120X100mm
XY axis accuracy	47um
Print speed	40-60mm / h
Print layer thickness	0 . 025-0 1mm
Touch screen	5-inch color touch screen
Support consumable types	405nm wavelength photosensitive resin compatible with third-party resins
Resolution	3840 2400
Z-axis type	double linear guide + ball screw
LCD screen life	2000 hours
Anti-aliasing	8 times anti-aliasing
N.W.	19 KG
G.W.	21 KG
Support system	Windows7 / 8 / 10 X64 , MAC , OS
Language	Support 12 languages, give priority to Chinese and English

Advantage

Super spotlight

AI hardcore brain

WiFi-APP intelligent control

OTA online upgrade

High agility slicing

High stability Z-axis

Flip protective cover

Self-developed system + 5-inch portrait mode display

YL-SK I

DENTAL ZIRCONIA MILLING MACHINE

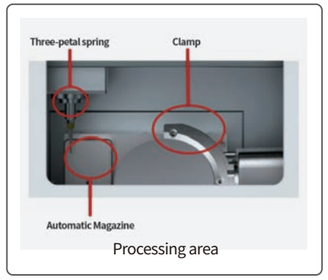
This 5-Axis zirconia milling machine,with an unique milling way,could satisfy all requirements of every kind of restoration&processing work.The 110mm Innovative opened clamp,matched with a second clamp,could improve the usage rate of the blocks increased 30% -35% with saving more material than before.

Product Parameters

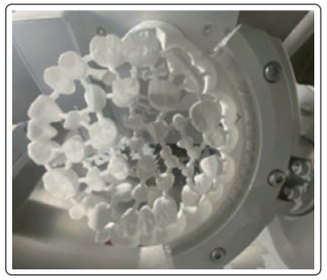
Product Dimension(L*W*H)	610*425*585mm
Product Weight	110KG
Rotation angleof the axis	A：+360° B：+25°/-30°
Processing way	5-axis-ganged milling dry milling
Driving system	Full server driving system
Spindle speed	0-60000rpm
Stroke (X/Y/Z)	170*110*85mm
Total power	800W
Rated air pressure	4.5-7.5bar(No oil & water)
Milling Accuracy	0.02mm
Magazine capacity	6
Cutter diameter	Diameter ϕ：4mm
Processable product	Inner crown/full crown/bridge/upper fixing of the implant/casing tube crown/post-core crown/inlay
Processable material	Zirconia/PEEK/PMMA/Wax
Transfer interface	USB/Ethernet connection

Advantage

- 5-axis-ganged milling device with high precision,nice milling shape,to confirm the precision of the Undercut Area precision at the maximum.Less grinding,better placement.
- With a full Server Driving System,have reached to engineering grade requirement.
- High precision screw guide(NSK THK),could confirm high milling precision.
- Thickening Aluminum frame confirms the stable structure.
- Flexible Magazine confirms change the tool holder rapidly.
- Positive pressure air blow system,could prevent dust pollution and improve the stability of equipment.



Processing area



YL-SK II

DENTAL GLASS CERAMIC MILLING MACHINE

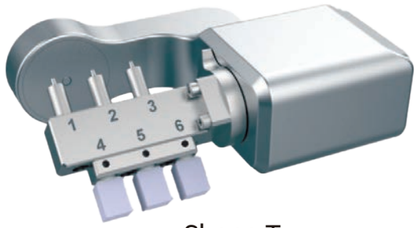
5-Axis Glass ceramic milling machine,with an unique milling way,could satisfy the requirements of Glass-ceramic/Premill processing and restoration.This machine have an innovative Shape-T metal clamp with multiple combined milling methods. Its 5-axis ganged high accurate milling way could confirm multi-directional milling .The shoulder is very clear,high adhesion. It could reduce the polishing work and workload in the following process.

Product Parameters

Product Dimension(L*W*H)	610*425*585mm
Product Weight	110KG
Rotation angleof the axis	A：+360° B：±30°
Processing way	5-axis ganged millingwet milling
Driving system	Full server driving system
Spindle speed	0-60000rpm
Stroke (X/Y/Z)	170*110*85mm
Total power	800W
Rated air pressure	4.5-7.5bar(No oil & water)
Milling Accuracy	0.02mm
Magazine capacity	6
Cutter diameter	Diameter ϕ：4mm
Processable product	Inner crown/single crown/Inlay/Veneer/Premill
Processable material	Glass ceramic/Premill
Transfer interface	USB/Ethernet connection

Advantage

- Innovative Shape-T metal clamp,multiple combined milling methods.
- 5 axis ganged milling could confirm multi-directional fine processing. The shoulder is very clear,high adhesion,these characteristics could reduce the polishing work in the following processing.
- Full server driving system,have reached to engineering grade requirement.
- High precision screw guide(NSK THK),could confirm high milling precision.
- Thickening Aluminum frame confirms the stable structure.
- Principal Axle with high precision,high frequency and high speed.
- Flexible Magazine confirms change the tool holder rapidly.



Shape-T

YL-1800S

FAST SINTERING FURNACE

Yilink 1800S intelligent zirconia sintering furnace is a product pecially designed for small and medium-sized denture studios and dental laboratories.
With high intelligence,perfect temperature control, it can achieve the perfect crystallization effect of zirconia. Through elaborate design, the product performance is more stable. Yilink is committed to creating a good experience for user to improve production efficiency and reduce costs.

Product Parameters

Product Name	Fast Sintering Furace
Product Model	YL-1800S
Rated Voltage	220V/50HZ
Rated Power	2000W
Product Weight	70 KG
Product Dimension	398(L)×485(W)×810(H) mm

Advantage

- Pollution-free sintering
- The crown or a single full zirconium crown can achieve fast sintering in 90 minutes
- Three-layer crucible can be sintered for one time. And the maximum sinteringcapacity in one time is less than 120 pieces
- Quick start furnace with protection

YL-7

PORCELAIN FURNACE

The internal highly integrated complex circuit provides a solid guarantee for efficient sintering. The large true color touch screen is adopted, and the icon is simple and clear, making the operation convenient, simple and easy. The servo motor is adopted and tray speed is adjustable, and at the beginning of a roasting process, not only the pre-drying time can be set, but also the position of the tray can be set separately. The desktop of YiLink YL-7 Porcelain Furnace provides 8 shortcut program buttons, and users can save common programs in it. YiLink YL-7 has a perfect performance in maintaining the transparence and shape.

Product Parameters

Dimension (L/W/H)	27*36*53cm
Furnace core platform	9cm (3.5″) Diameter
Power	1500W(Vacuum pump is not included)
Power voltage	100-120V 50/60HZ; 230V 50/60HZ
Electricity	14.5 A @110V; 7.0 A @230V
Rate of temperature increase	Max. 200°C/min (392°F/min)
Power voltage	Maximum 1200 °C (2283 °F)
Max temperature holding time	Maximum 2 h 46 min
Net weight	20±1 kg depending on accessories
Gross weight	23.5kg ±1 kg depending on accessories

Yilink YL-7 Porcelain Furnace provides users with a perfect solution with low cost and high performance.

Advantage

- Hyperbolic ceramic furnace function, the program can be set to single curve mode or hyperbolic mode, hyperbolic mode provides a complete crystallization process for glass-ceramic crystallization.
- Precision stepper motor drive, smooth free operation and no jitter.
- Quartz spiral furnace.
- Automatic temperature calibration before each baking procedure.
- Low noise tray, programmable speed.
- 90 custom programs.

Automatic
temperature adjustment

Voice prompt function

YL-9C

FAST SINTERING FURNACE

The output voltage is controllable, which reduces the driving voltage of silicon carbide rods, effectively prolongs the service life of silicon carbide rod. And lower the Silicon carbide rod driving voltage reduces the thermal load of silicon carbide rod and greatly prolongs the service life of silicon carbide rod. It also has voice prompt function. There is voice prompt at each program stage, and there will be voice description of the program at the beginning of a process to prevent wrong operation.

Product Parameters

Heating rate	maximum 200 °C/min
Maximum temperature	1530 °C maximum
Maximum temperature holding time	up to 2 h and 46 min
Power	100-120V , 50/60HZ, 14.5A , max 1300W 230V, 50/60HZ, 7.0A, max 1300W
Volume (W/D/H)	27*36*56cm，29*22*13.5cm
Sintering Time	Zirconia crown 60 min，Zirconia veneer 40 min
Heating cycle	300 times
Furnace core platform	6.5cm diameter
Sintering way	4 pcs
Net weight	Fast 40 min/Slow 4 hour
Including packaging weight	20KG±1kg as appropriate 25.5kg (accessories, as appropriate ±1Kg or less)
Sintering Program	50pcs

±1.5°C
Automatic temperature adjustment

1530°C
maximum temperature

200 °C/min
maximum heating rate

High-purity silicon carbide rod/silicon molybdenum rod heating.

9 min
The fast glazing

Automatic rapid cooling technology.

True color touch screen

90 programs
built-in programs

Advantage

- Easy to operate, small size, one of the smaller chair-side crystal furnaces in the world at present.
- Precision stepper motor drive, smooth free operation and no jitter.
- Hyperbolic sintering system, automatic temperature calibration before each firing program.
- The pallet is noise-free and the speed is programmable.
- Rapid sintering of zirconium oxide in anatomical shape.
- Pre-drying time can be set.
- Ready to use, no need to preheat.
- Up to 4-10 restorations (60mm pallets) can be sintered.
- Status indication.

Rapid zirconia crystallization, glass ceramic crystallization, various glazing; High purity, Csi2 heating technology, heating to 1530 °C within 20 minutes at the fastest, and the whole crystallization process takes 40 minutes to 1 hour.

YL-8M

PORTABLE PORCELAIN FURNACE

This product can realize the functions of glass ceramic crystallization, glazing, porcelain baking, porcelain repairing, dyeing, ring burning and so on.
Small and compact, it occupies a very small space, whether it is placed or stored, it is very easy to store.
It is especially suitable for clean, tidy and space-demanding dental hospitals and clinics, as well as denture studios.
It can be used with a small chair-side repair CNC, and can complete almost all tasks using a very small space.

Product Parameters

Product Dimension(L*W*H)	250*190*385mm
Core platform	8*8cm Side length
Maximum temperature	1100°C
Maximum heating rate	100 °C/min
Maximum vacuum	-90kpa
Rated power	1000W
Furnace material	High thermal conductivity Mullite \Silicon carbide
Built-in programs	99 programs
Hyperbolic porcelain furnace function	Support
Thermocouple	Precious metal platinum rhodium thermocouple
Vacuum pump	The built-in vacuum pump
Voice broadcast function	Support voice playback completion prompt

Advantage

- Can vacuum, can bake porcelain.
- Small volume, light weight, space saving, very portable, can be used in clinics,appearance is beautiful.
- Excellent quality to ensure long-term service life of the product.
- Precise temperature control and digital color touch screen make the operation easier, and it is very convenient to use and storage.
- The user can do: porcelain, glazing, OP, WO, Oxidize metal, glass ceramic crystallization, repairing, dyeing and other operations.

It is extremely convenient to carry. In extreme cases, it can be started with a 12V battery power supply with the driver. No fear of interruptions such as power outages, and does not affect operations such as temporary porcelain repairing and dyeing.

YL-407

MICROMOTOR

Poleless Speed Regulation Function of Manual/Foot
Automatic overload protection function
Forward/Reverse switching
Fault prompt function

Product Parameters

Maximum speed:	50000 RPM
Output power:	230W
Rated current:	3A
Input voltage:	220V/50Hz
Maximum torque:	8.0N.cm

Advantage

- Professional production of Korean style electric grinder (Micro motor manufacture
- Ceramic bearing
- water-proof and anti-dust (lifetime increases 1.5 times).
- High-precision handle, good stability, good feel.
- The best quality, the most affordable price, cost-effective
- Used for: Dental Stomatology, gold engraving, jade carving, polishing, etc.

The global

Yilink Medical has served hundreds of international customers and has international supply capabilities and channels.The business scope covers more than 30 countries and regions around the world.

Cooperation

Building the future of the digital dental industry

Sustainable Development Strategy

Scientific and sustainable production concept
Producing longer-life denture material and other technical products.

Technology empowers low-carbon production
Minimize CO2 emissions, plastic use, waste generation and other environmental impacts during the production process.

Practice social responsibility and promote sustainable development
Through management innovation, technological innovation, and business philosophy, we reduce the impact of the dental industry on the environment and shoulder more social responsibilities.

Being a multi-dental solution Provider

YiLiNK

Yilink (Tianjin) Biotechnology Co.,Ltd

Manufacturing Enterprise

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Manufacturing Address: Building 57, R&D Park, No.1 Ruike Road, Shuanggang Economic and Technological Development Zone, Jinnan District, Tianjin
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After sales service company / Sales company

Company Name: Guangzhou Yilink Medical Equipment Technology Co.,Ltd
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