# **PRODUCT** CATALOG

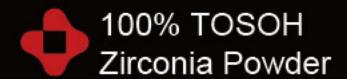


# | COMPANY | PROFILE

Shenzhen Godzillaking Biotechnology Co.,LTD nestled in the heart of Shenzhen National High-tech Zone, Godzillaking is dedicated to the research, development, production, and sales of dental zirconia materials and related products. It is driven by the mission to lead innovation in dental materials, providing high-quality solutions for dental care practices world wide. Godzillaking adheres to independent innovation, continuously develops high-performance dental materials, and leads the industry's development. A rigorous quality management system ensures that product quality meets national and international standards. Integrity based business, customer-centric, providing high-quality service and support. Working hand in hand with partners to promote the progress and development of the dental industry.







#### **Physical Characteristics**

Sintering temperature	Recommend 1500°C
Hardness	1200HV
Transmittance	49%-53%
Bending strength	650-1150MPa(Av.)
Sintered density	6.08±0.03g/cm³

# 4D-X Zirconia Block Multilayer Color

#### Recommended Indications





Onlay









Full arch crown

bridge





Colors



#### System









98mm

95mm

92x75mm

others



#### **Physical Characteristics**

Sintered density	6.08±0.03g/cm³
Bending strength	650-1150MPa(Av.)
Transmittance	43%-49%
Hardness	1200HV
Sintering temperature	Recommend 1500°C

# 4D PRO Zirconia Block



#### Designed for full-arch bridge

#### Recommended Indications



Veneer



Onlay







crown







Implant

Full crown bridge



#### Colors



#### System









98mm

95mm

92x75mm

others





#### Physical Characteristics

Sintered density	6.07±0.03g/cm³
Bending strength	900MPa(Av.)
Transmittance	46%
Hardness	1200HV
Sintering temperature	Recommend 1500°C

# HTC

#### Monolayer

No need for further dyeing operation

#### Recommended Indications











Onlay

Anterior crown

Posterior crown

Full crown bridge

#### Colors



#### System









98mm

95mm

92x75mm

others







#### High translucent

Brilliant bending strength and economical Block

#### Recommended Indications



Onlay











Anterior crown

Posterior crown

Full arch crown bridge

Full crown bridge

Physical Characteristics

Sintered density	6.07±0.03g/cm³
Bending strength	1200MPa(Av.)
Transmittance	40%
Hardness	1200HV
Sintering temperature	Recommend 1530°C

#### System









98mm

95mm

92x75mm

others





# Lithium Disilicate

- 1. Superior chemical stability and bending strength.
- 2. High aesthetic restoration effect.
- 3. Easy to cut and prolonging the life of the burs.
- 4. Simple and fast crystallization process to reduce operating time.

#### Indications







Inlay/onlay



Antrior Crown



Posterior Crown

#### Type

Color	A1	A2	АЗ	A3.5	A4	B1	B2	В3	B4	C1	C2	C3	C4	D2	D3	D4	BL1	BL2	BL3	BL4	OM1	OM2	ОМЗ
18-15-13 HT		•				•							٠			•		٠					
18-15-13 LT				•		•				•		-			•						-		
40-15-15 HT	•	•						•	•					•	•						-		
40-15-15 LT		٠					•	•		•				•									





#### Stain&Glaze Set

- Special effect colors
- Glaze paste, fine particles
- Primary sintering, no secondary processing required
- Low-temperature fast sintering, efficient and time-saving
- Provide personalized and customized services

The fast and simple biological staining&glaze paste developed specifically for CAD/CAM all dental restorations. This product aims to enable dental technicians to use fast and simple methods to complete their work, achieving the restoration of replicated natural teeth.





# Ingot (HT/LT)

Bending strength

460<sup>MPa</sup>

- · Suitable for ultra-thin veneer
- · More resistant to acid corrosion
- First choice for minimally invasive restoration



#### Recommended indications















Veneer

Inlay

Onlay

Anterior crown









# **PMMA**

#### Material Properties

Monolayer	10mm~25mm			
Mutilayer	10mm~25mm			
Flexible	10mm~25mm			
Pink	10mm~25mm			
Clear	10mm~25mm			
Colors	Various colors			

# **WAX**

#### Material Properties

White	10mm~25mm
Blue	10mm~25mm
Green	10mm~25mm
Grey	10mm~25mm
Red	10mm~25mm

# **PEEK**

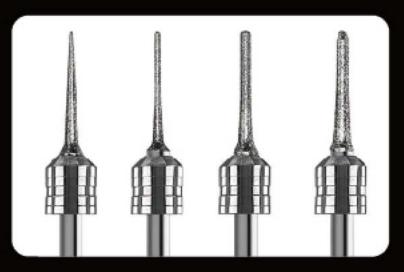
#### Material Properties

Natural	10mm~25mm
White	10mm~25mm
Yellow	10mm~25mm
Pink	10mm~25mm













	Roland
	For Emax
)	φ0.6*φ3.0*40

# φ0.6\*φ3.0\*40 φ1.0\*φ3.0\*40 φ2.5\*φ3.0\*40

#### Roland

For Zirconia

- φ0.6\*φ4.0\*50φ1.0\*φ4.0\*50
- φ2.0\*φ4.0\*50

#### Amann Girrbach

For Emax

- φ0.5\*φ3.0\*43
- φ1.0\*φ3.0\*43φ1.4\*φ3.0\*43
- φ1.8\*φ3.0\*43

#### Amann Girrbach

For Zirconia

- φ0.6\*φ3.0\*47
- φ1.0\*φ3.0\*47
- φ2.5\*φ3.0\*47

#### Wieland

For Zirconia

- φ0.6\*φ3.0\*40
- φ1.0\*φ3.0\*40
- φ2.5\*φ3.0\*40

# Milling Burs

This dedicated dental milling burs have half round mucro. Range of miling is from 0.6mm to 2 mm which is used for preliminary and high-efficiency manufacture. 0.6mm milling burs is mainly used to miling the sculpture of groove the elaborate progress. The undercut problem can be fixed easily due to the special length of milling burs and flexible miling.













V٢	Ш	_	J
For	Zi	rcco	nia

VILIENE

- φ0.6\*φ3.0\*43
- φ1.0\*φ3.0\*43
- φ1.5\*φ3.0\*43
- φ2.0\*φ3.0\*43

#### VHF

For Emax

- φ0.6\*φ3.0\*35
- ⊚ φ1.0\*φ3.0\*35
- φ2.4\*φ3.0\*35

#### VHFK4

For Zirconia

- ⊚ φ1.0\*φ3.0\*35
- φ2.0\*φ3.0\*35

#### NCD Model-W

For Emax

- ⊚ φ1.0\*φ3.0\*35
- φ2.4\*φ3.0\*35

#### NCD Model-D

For Zirconia

- φ0.6\*φ4.0\*50
- ⊚ φ1.0\*φ4.0\*50
- φ1.5\*φ4.0\*50
- $\odot$   $\phi 2.0*\phi 4.0*50$

# Milling Burs

System: VHF, RL, ZZS, MIN, AMZ, AW, ZZZ, WIELAND, ZIRKONZAHN, YENA. CERCON, AMAANGIRRBACH, MANUAL.

Milling burs are necessary tools for your milling machine.

Extend the lifetime of your milling tools and increase the number of milled units.





# NCD MODEL-D

5 Axis Dental Dry Milling Machine



90° Vertical milling



B-axis rotation angles up to +35°, -91°



The C-Clamp Adapter allowing the use of material edges and a 20% increase in material utilisation



Resume when interrupted

Size	540*650*770mm	Burs specifications	Special props for handle diameter 4mm
Weight	145KG	Power	1.5kw
Milling materials	Zirconia block, composites materials, Wax/PMMA	Rotating axis operating angle	A: 360° B: +35° -91°
Processing methods	Five-axis linkage, dry milling	Cutting precision	0.01mm
Tool magazine capacity	10	Stable air pressure	≥6.0bar



## **NCD MODEL-W**



5 Axis Dental Wet Milling Machine



Five-axis linkage ensures high-precision cutting and grinding



Large touch screen simple and intelligent operation



Compatible with various materials



Integrated water level monitoring

Size	540*650*770mm	Burs specifications	Special props for handle diameter 4mm
Weight	170KG	Power	1200w
Milling materials	Lithium disilicate, Zirconia block, Premill, Composite	Rotating axis operating angle	A: 360° B:+20°
Processing methods	Five-axis linkage, Wet milling	Cutting precision	0.01mm
Tool magazine capacity	10	Stable air pressure	≥6.0bar





# NCD MODEL-F

Up-Down Automatic Sintering Furnace



Custom sintering



Double-layer stacking



Energy saving and environmental protection



Uniform sintering



Touch screen control panel



Efficient and fast

Size	365(L)*590(W)*760(H)mm	Furnace size	Ø110mm*130mm
Weight	50KG	Rated power	≤2KW
Temperature control accuracy	±1°C	Number of programs	24 programs
Maximum temperature	1560°C	Touch screen size	7" true color
Operating temperature	1550°C	Sensor type	Platinum rhodium S type double



## NCD MODEL-FC



Fast & Normal Sintering Furnace

- New technology for zirconia sintering
- 3 Layers for 150pcs crowns
- No any pollutionss
- One-key touch, auto running

Fumace size	100 x100mm (diameter x height)	Thermocouple	Type B
Maximum temperature	1700 °C (no more than 2 hours)	Temperature control accuracy	+/-1°C
Operating temperature	1600°C	Rated power	2kW (only 8 KWH for one ordinary sintering)
Fast sintering	90 minutes (80 units for single-crown)	Net weight	90kg
Conventional sintering	150 units, 3-layer sinter pan	Overall dimension	480x635x840mm





100°C/min

### **NCD MODEL-P**

Porcelain furnace

#### Application benefits

- Accurate temperature
- Hyperbolic firing procedure
- Long service life
- True-color touch screen
- Compact and Lightweight

#### Product parameters

The velocity of temperature increasing

Machine size	20cm*31cm*41cm	Power operation range	≦1400W
Power of heater strip	1050W, 220V	Wet weight	10.5kg (without vacuum pump)
Power of vacuum pump	≦350W	Maximum temperature	1080℃
Maximum vacuum level	-96kpa		



# NCD MODEL-3DP

Dental 3D printer





XY axis accuracy



Automatic feeding



Screen resolution 10.3" 8K 7680\*4320



High speed release film



Printing size 228X 120X 100mm



Molding chamber heating(20-45°C)

Printing size	228X120X100mm	Touch	5.0 Inch Full color touch screen
Machine size	340X292X552mm	Z axis	Dual linear guide + Ball screw
Packing size	605X380X660mm	LCD screen	2000h
XY axis accuracy	29µm	Language	Support 12 languages, priority on Chinese and English
Printing layer thickness	0.01-0.1mm	Support system	Windows 7/8/10X64, MAC, OS
Printing speed	40-60mm/h		





#### **Anti-fog function**

Scanning head built-in automatic heating function to prevent mirror fog

#### Accurate data

Clear neck edge with high precision

#### Fast scanning speed

Single jaw scan Less than a minute

#### Intelligent technology

Al technology, use more simple and enjoy intelligent experience; Built-in motion sensing control device, easy to remote control data

#### Detachable scanning head

multi-specification scanning head for a variety of complex cases

#### **Color realistic**

No need for dusting dazzle scanning

#### Lightweight

246g, small, beautiful and delicate, easy to operate

#### Probe bracket

Stable placement satisfy moving needs





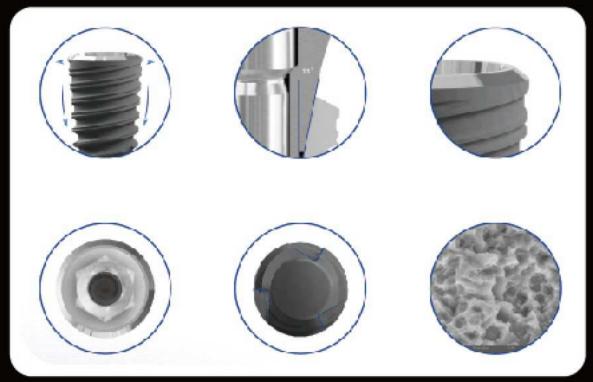
# STEAM JET CLEANER

Environmental friendly, efficient, safe, energy-saving, multifunctional, easy to maintain, and cost-effective.

The steam jet cleaner can remove stubborn stains and oil stains in a short period of time, the design is usually simple, easy to operate and maintain.

Outer dimension	240x380x390mm
Steam power	2300W
Steam drang	2~5KG
Boiler volume	3L
Actual water	2.2L
Temperature	120°C
Control type	Handle
Steam nozzle	Active
Water addition method	Automate
Pipe length	1.2M
Interchangeable nozzle	3pcs





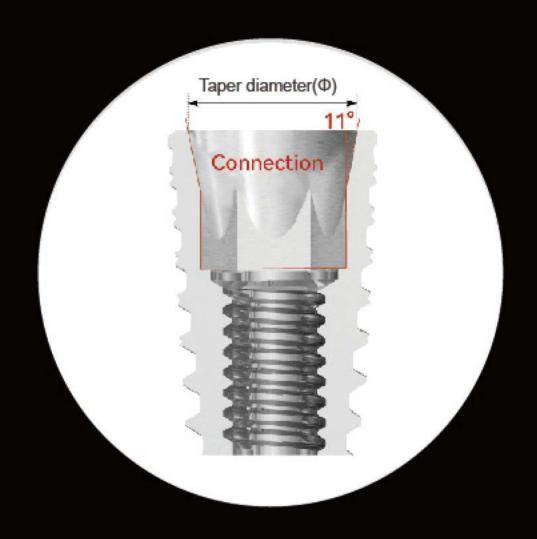
# Better DENTAL IMPLANT

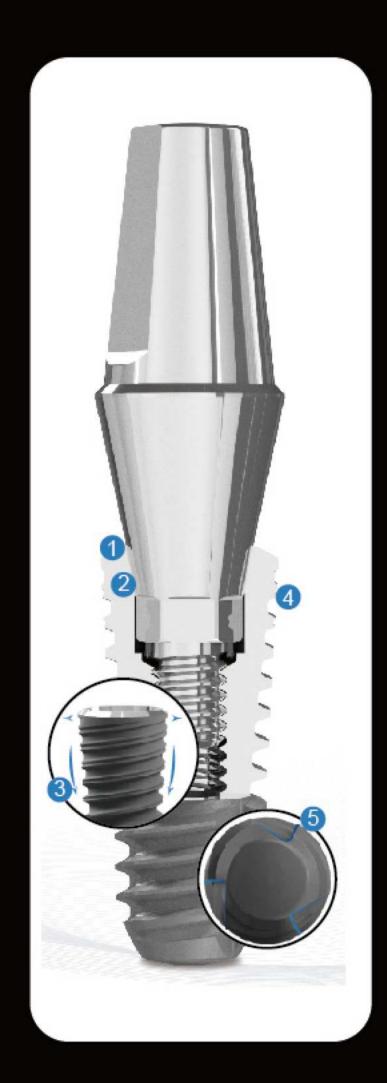
Better Implant System Intra-attachment design, reduces bone resorption

Complexity through simplicity. New bone power Better Implants

#### **SLA** surface treatment

- $\sqrt{\phantom{a}}$  Improve implant surface bioactivity, accelerate bone healing
- Morse taper sealing surface roughness Ra≤0.6µm
- Stronger long-term stability, improving the success rate of implantation







#### 1. Provides space for soft tissue growth

Smooth chamfered teeth neck rims, increasing the width of the platform transfer that facilitates soft tissue attachment and reduces peri-implant inflammation

#### 2. Provides support for long term weight bearing

Internal Morse taper of 11°, internal hexagonal anti-rotation sealing interface. Prevents bacterial infiltration

#### 3. Significant advantages for patients with poor bone quality

Dual combination of micro-cones in the body and expanded cones in the cervical region of the tooth. Improved stability after implantation in patients with poor bone quality

#### 4. Enhance the patient's implant experience

Nested thread design increases the osseo-integration area, prevents bone resorption and improves long-term implant stability

#### 5. Strong implantation security

A three-lobed cutting edge that provides strong protection during and after implantation



# DIGITAL PRODUCTS







#### **Cuttable Abutment Column**

#### Material properties:

400x metallo graphic microstructure, no impurities, grain uniformity, greatly improving the performance and service life of the product.

Titanium alloy using imported raw materials, and unified supplier with top foreign implant manufacturers. Compared with conventional titanium material, which has higher tensile strength.

#### Advantages:

- Cuttable abutment columns are the preferred product type for personalized abutments, it is processed by CAD/CAM system with high precision.
- 2. The raw material is German Tc4, high strength and good biocompatibility.
- 3. Compared with other raw materials, the risk of fracture is lower and the success rate of implantation is higher.
- The material of abutment screws has gone through strict flaw detection and torsion test.







#### Personalized Abutments

#### Advantages:

- 1. Precise prefabricated implant interface
- 2. Individualized design across the gingival height
- 3. Repair-oriented design of abutment forms
- 4. Grinding of cuttable abutment columns into customized shapes and sizes using CAD/CAM technology.
- 5. High grinding precision





# CLIENTS FROM ALL OVER THE WORLD

Our customers have been spread all over the world and Godzillaking has eamed areat reputation





# **Beauty Different**

Godzillaking redefines beauty,
one innovation at a time. By challenging the status quo and embracing unconventional ideas,
Beauty Different is a call to action and experience beauty in a whole new way.



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