

# CAD/CAM Solution Provider



Better trust Better Smile



**Bloomden Bioceramics**  
CAD/CAM Solution Center  
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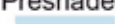







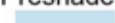

### Company Culture

- Company Profile
- Company Value Proposition

## Bloomden Zirconia Series

	3D Pro-ML	ST	ST-C	ST-ML	SHT	SHT-C	SHT-ML	UT	UT-C	UT-ML	HT-Plus
3D Pro-ML Zirconia											
Multilayer Zirconia											
Preshaded Zirconia											
White Zirconia											

### Zirconia Blocks Indications

										
		Aesthetic shade	Coping	Anterior crown	Posterior crown	3 units bridge	4+ units bridge	3 units coping	4+ units coping	Full arch
	3D Pro-ML	Multilayer 	A1/A2/A3/A3.5/A4 B1/B2/B3/B4 C1/C2/C3/C4 D2/D3/D4 BL1/BL2/BL3/BL4	✓	✓	✓	✓	✓	✓	✓
	HT-Plus	White 	White only	✓	✗	✓	✓	✓	✗	✗
	ST	White 	White only	✓	✗	✓	✓	✓	✓	✓
		Preshaded 	A1/A2/A3/A3.5/A4 B1/B2/B3/B4 C1/C2/C3/C4 D2/D3/D4	✓	✗	✓	✓	✓	✓	✓
		Multilayer 	A1/A2/A3/A3.5/A4 B1/B2/B3/B4 C1/C2/C3/C4 D2/D3/D4	✓	✗	✓	✓	✓	✓	✓
	SHT	White 	White only	✓	✗	✓	✓	✓	✓	✗
		Preshaded 	A1/A2/A3/A3.5/A4 B1/B2/B3/B4 C1/C2/C3/C4 D2/D3/D4	✓	✓	✓	✓	✓	✓	✓
		Multilayer 	A1/A2/A3/A3.5/A4 B1/B2/B3/B4 C1/C2/C3/C4 D2/D3/D4	✓	✓	✓	✓	✓	✓	✓
	UT	White 	White only	✓	✓	✓	✓	✗	✓	✗
		Preshaded 	A1/A2/A3/A3.5/A4 B1/B2/B3/B4 C1/C2/C3/C4 D2/D3/D4	✓	✓	✓	✓	✗	✓	✗
		Multilayer 	A1/A2/A3/A3.5/A4 B1/B2/B3/B4 C1/C2/C3/C4 D2/D3/D4	✓	✓	✓	✓	✗	✓	✗



## 3D Pro ML

### Multilayer Gradient Material

- Multilayer natural transition with advanced aesthetics
- High translucency and strength



#### - Physical Properties

Density after sintering	6.06±0.01g·cm <sup>-3</sup>
Monoclinic phase content	< 15%
Chemical solubility	< 100
Radioactivity	< 0.1
Sintering temperature	1480°C

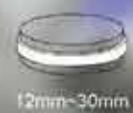
#### - Chemical Composition

ZrO <sub>2</sub> +HfO <sub>2</sub> +Y <sub>2</sub> O <sub>3</sub>	≥99%
Y <sub>2</sub> O <sub>3</sub>	4.5%-10%
Al <sub>2</sub> O <sub>3</sub>	< 0.15%
Other oxides	< 0.5%

#### - Thickness



#### - Size



#### Color



#### Bending strength

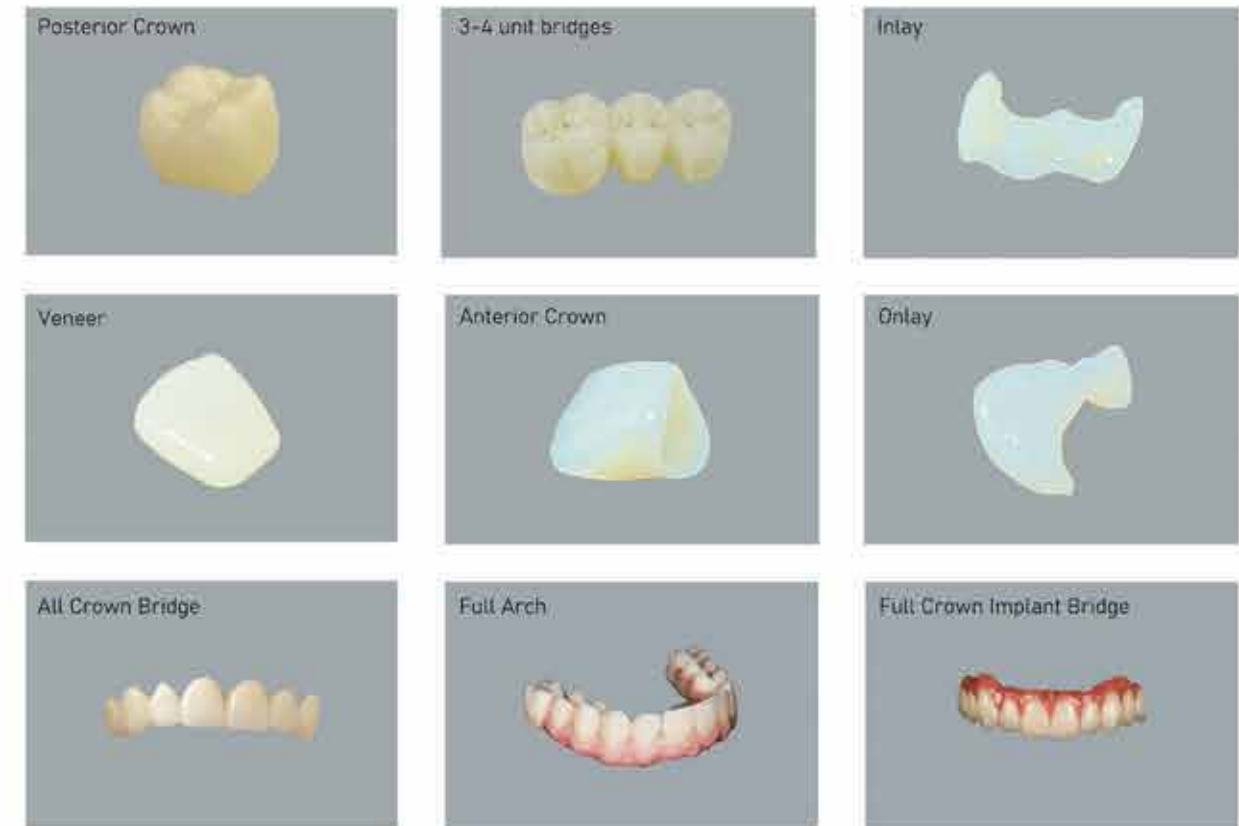
800-1200Mpa

#### Translucency

49%-42%



Restorations are available with monolithic full contour crowns, bridges, veneers or full arch.



Vita® 16 shades and Bleach 4 shades



## Features of 3D Pro-ML Gradient Zirconia

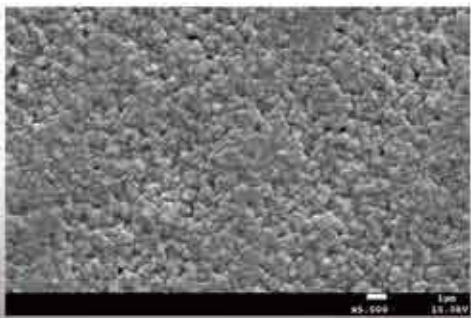
### ► Outstanding Aesthetics

Bloomden 3D Pro zirconia block from incisal end 49% to cervical end 42% translucency, the incisal end effect is able to ensure the translucency of enamel, meanwhile the cervical end low translucency can realize the shading effect. After sintering, the restoration has a realistic appearance, natural color, and matches with VITA color shade guide.

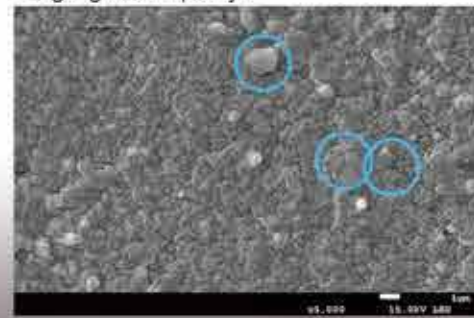


### ► SEM images, 5K magnifications.

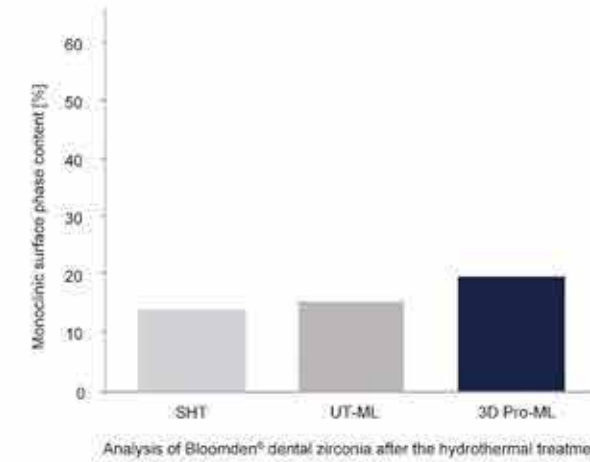
Bloomden® 3D Pro Multilayer Zirconia



Branded competitive Zirconia  
--highlighted impurity.



### ► Superior Ageing Resistance



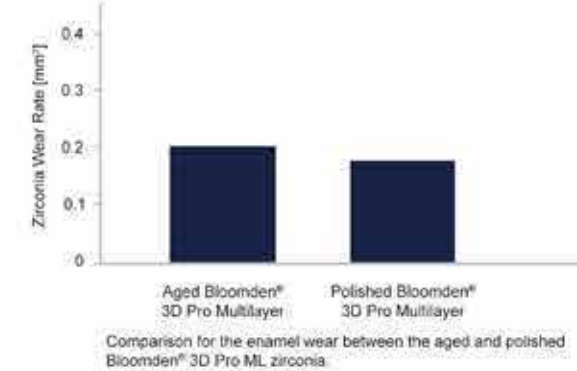
Unique hydrolysis microstructure and chemical formula of Bloomden 3D Pro can resist aging from cubic phase to monoclinic phase.

### ► Chairside Fast Sintering

3D Pro supports chairside fast sintering while ensuring strength, translucency, and aging effect.



The fast sintering cycle produces the same crystalline structure inside the zirconia as the standard sintering cycle, which means dental lab technicians can fabricate reliable-quality dental restorations in couple days.

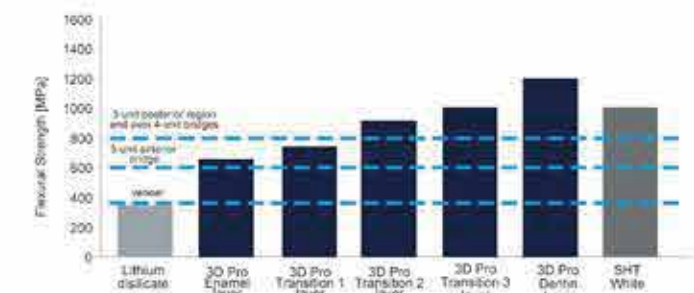


### Low Wear Rate ◀

Bloomden 3D-Pro zirconia has less wear on natural enamel and maintains a good initial shape of the natural enamel surface.

### ► Super High Strength

The bending strength of Bloomden 3D Pro-ML naturally transitions from 800MPa to 1200MPa, which can meet the strength of restoration materials for a wide range of indications.



“

**NEW**

The start of 4.0 zirconia blocks

Adopt German professional equipment

Different translucent preshaded zirconia powders are stacked to form the transition layer closest to natural teeth



Bloomden  
3Dpro  
gradient zirconia

Wide range of application

Veneer, crown & bridge and full arch, best choice for chairside aesthetic restoration.

3h Wearing denture

Collocate with Bloomden Profire Speed fast sintering system

3D Pro-ML  
Nice Chairside  
Assistant

Bloomden Bloomzir 3D-Pro zirconia is born to chairside fast solution of aesthetic restoration. With the specific sintering curve of Bloomden Profire Speed sintering furnace, it only takes **63 minutes** from entering the furnace to the completion of sintering (including heating and cooling time). This technology greatly shortens the chairside zirconia sintering time, realizes fast delivery, and brings a more comfortable clinical experience for patients and doctors.

Compatible with +



## Chairside Full Zirconia Digital Solution

Bloomden made breakthrough technologies to realize the original Bloomzir chairside full zirconia digital solution, restoration, orthodontics and other fields. The solution uses Bloomden 3DPro zirconia block as the core, equipped with intraoral Scanner, 3D printer, light curing units, professional online design team, X5 five-axis five-linkage milling machine, Profire Speed fast sintering system. We made same-day dentures a reality in one visit.







I am a salesman in Russia. I have to face all kinds of customers every day, and it is my job to negotiate business. For years, I have suffered from dental problems because my unsightly anterior teeth. Introduced by a friend, I chose to come to Dr. S for Bloomden 3D Pro zirconia veneer restoration. Now I have finally regained my former self-confidence.

More case, please contact Bloomden



Source: College of materials science and engineering,  
Hunan University Bloomden business college  
(Industry-Teaching-Research Base)  
Material: 3D Pro Zirconia  
Name: College presentationn Case (Anterior)  
Designer: TOM

## Multilayer Zirconia

- Superior aging resistance wide indications
- 4 layer natural transition high translucency and bending strength



	UT-ML	SHT-ML	ST-ML
Preshaded Zirconia			
Diameter	98mm/95mm/92*75mm	98mm/95mm/92*75mm	98mm/95mm/92*75mm
Thickness	12mm/14mm/16mm/ 18mm/20mm/22mm/ 25mm	12mm/14mm/16mm/ 18mm/20mm/22mm/ 25mm	12mm/14mm/16mm/ 18mm/20mm/22mm/ 25mm
Indications	Coping Anterior and Posterior Crowns 3 units coping 3 units bridge	Coping Anterior and Posterior Crowns 3 units coping 3 units bridge 4 units bridge	Coping Posterior Crowns 3 units coping 3 units bridge 4 units bridge Full arch bridge
Physical Characteristics	Translucency:45% Bending strength:600MPa Monoclinic phase content:<15% Sintering density:6.06±0.01g/cm <sup>3</sup> Sintering temperature:1450℃	Translucency:46% Bending strength:900MPa Monoclinic phase content:<15% Sintering density:6.08±0.01g/cm <sup>3</sup> Sintering temperature:1530℃	Translucency:43% Bending strength:1100MPa Monoclinic phase content:<15% Sintering density:6.09±0.01g/cm <sup>3</sup> Sintering temperature:1530℃
Chemical Properties	ZrO <sub>2</sub> +HfO <sub>2</sub> +Y <sub>2</sub> O <sub>3</sub> ≥99% Y <sub>2</sub> O <sub>3</sub> : 9%-10% Al <sub>2</sub> O <sub>3</sub> : <0.5%	ZrO <sub>2</sub> +HfO <sub>2</sub> +Y <sub>2</sub> O <sub>3</sub> ≥99% Y <sub>2</sub> O <sub>3</sub> : 7.0%-7.8% Al <sub>2</sub> O <sub>3</sub> : <0.15%	ZrO <sub>2</sub> +HfO <sub>2</sub> +Y <sub>2</sub> O <sub>3</sub> ≥99% Y <sub>2</sub> O <sub>3</sub> : 4.5%-6.0% Al <sub>2</sub> O <sub>3</sub> : <0.5%
Shades	Vita® 16 shades	Vita® 16 shades Bleach 1 / 2 / 3 / 4	Vita® 16 shades



## Preshaded Zirconia

- Strictly match VITA® Classic Shade Guide, applicable to full arch and long bridge
- Easy operation, stable and efficient work
- Applicable to a wide range of indications such as full zirconia posterior



## White Zirconia

- High translucency, best bridge choice
- Work stable, easy for milling
- Superior personalized internal stain
- Applicable to full arch and long bridge



	UT-C	SHT-C	ST-C
Preshaded Zirconia			
Diameter	98mm/95mm/92*75mm	98mm/95mm/92*75mm	98mm/95mm/92*75mm
Thickness	12mm/14mm/16mm/ 18mm/20mm/22mm/ 25mm	12mm/14mm/16mm/ 18mm/20mm/22mm/ 25mm	12mm/14mm/16mm/ 18mm/20mm/22mm/ 25mm
Indications	Coping Anterior and Posterior Crowns 3 units coping 3 units bridge	Coping Anterior and Posterior Crowns 3 units coping 3 units bridge 4 units bridge	Coping Posterior Crowns 3 units coping 3 units bridge 4 units bridge Full arch bridge
Physical Characteristics	Translucency:49% Bending strength:600MPa Monoclinic phase content: < 15% Sintering density:6.08±0.01g/cm <sup>3</sup> Sintering temperature:1450°C	Translucency:46% Bending strength:900MPa Monoclinic phase content: < 15% Sintering density:6.08±0.01g/cm <sup>3</sup> Sintering temperature:1530°C	Translucency:43% Bending strength:1100MPa Monoclinic phase content: < 15% Sintering density:6.09±0.01g/cm <sup>3</sup> Sintering temperature:1530°C
Chemical Properties	ZrO <sub>2</sub> +HfO <sub>2</sub> +Y <sub>2</sub> O <sub>3</sub> ≥99% Y <sub>2</sub> O <sub>3</sub> : 9%-10% Al <sub>2</sub> O <sub>3</sub> : <0.05%	ZrO <sub>2</sub> +HfO <sub>2</sub> +Y <sub>2</sub> O <sub>3</sub> ≥98% Y <sub>2</sub> O <sub>3</sub> : 7.0%-7.8% Al <sub>2</sub> O <sub>3</sub> : <0.15%	ZrO <sub>2</sub> +HfO <sub>2</sub> +Y <sub>2</sub> O <sub>3</sub> ≥98% Y <sub>2</sub> O <sub>3</sub> : 4.5%-6.0% Al <sub>2</sub> O <sub>3</sub> : <0.5%
Shades	Vita® 16 shades	Vita® 16 shades	Vita® 16 shades

	UT	HT-Plus	ST	SHT
White Zirconia				
Diameter	98mm/95mm/92*75mm	98mm/95mm/92*75mm	98mm/95mm/92*75mm	98mm/95mm/92*75mm
Thickness	12mm/14mm/16mm/ 18mm/20mm/22mm/ 25mm	12mm/14mm/16mm/ 18mm/20mm/22mm/ 25mm	12mm/14mm/16mm/ 18mm/20mm/22mm/ 25mm	12mm/14mm/16mm/ 18mm/20mm/22mm/ 25mm
Indications	Coping Anterior and Posterior Crowns 3 units coping 3 units bridge	Coping Anterior and Posterior Crowns 3 units coping 3 units bridge 4 units bridge	Coping Posterior Crowns 3 units coping 3 units bridge 4 units bridge Full arch bridge	Coping Anterior and Posterior Crowns 3 units coping 3 units bridge 4 units bridge
Physical Characteristics	Translucency:49% Bending strength:650MPa Monoclinic phase content: < 15% Sintering density:6.06±0.01g/cm <sup>3</sup> Sintering temperature:1450°C	Translucency:37% Bending strength:1350MPa Monoclinic phase content: < 15% Sintering density:6.09±0.01g/cm <sup>3</sup> Sintering temperature:1530°C	Translucency:41-43% Bending strength:1200MPa Monoclinic phase content: < 15% Sintering density:6.09±0.01g/cm <sup>3</sup> Sintering temperature:1530°C	Translucency:46% Bending strength:1000MPa Monoclinic phase content: < 15% Sintering density:6.08±0.01g/cm <sup>3</sup> Sintering temperature:1530°C
Chemical Properties	ZrO <sub>2</sub> +HfO <sub>2</sub> +Y <sub>2</sub> O <sub>3</sub> ≥99% Y <sub>2</sub> O <sub>3</sub> : 9%-10% Al <sub>2</sub> O <sub>3</sub> : <0.05%	ZrO <sub>2</sub> +HfO <sub>2</sub> +Y <sub>2</sub> O <sub>3</sub> ≥99% Y <sub>2</sub> O <sub>3</sub> : 4.5%-6.0% Al <sub>2</sub> O <sub>3</sub> : <0.15%	ZrO <sub>2</sub> +HfO <sub>2</sub> +Y <sub>2</sub> O <sub>3</sub> ≥99% Y <sub>2</sub> O <sub>3</sub> : 4.5%-6.0% Al <sub>2</sub> O <sub>3</sub> : <0.15%	ZrO <sub>2</sub> +HfO <sub>2</sub> +Y <sub>2</sub> O <sub>3</sub> ≥99% Y <sub>2</sub> O <sub>3</sub> : 7.0%-7.8% Al <sub>2</sub> O <sub>3</sub> : <0.15%
Shades	Vita® 16 shades (In combination with UT coloring liquids)	Vita® 16 shades (In combination with HT-PLUS coloring liquids)	Vita® 16 shades (In combination with ST coloring liquids)	Vita® 16 shades (In combination with SHT coloring liquids)

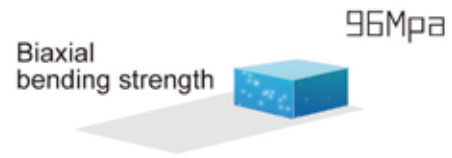






## Flexible PMMA

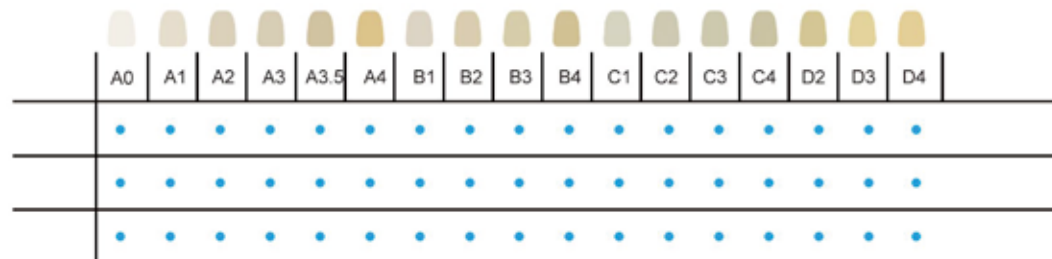
Bloomden® Flexible PMMA is a kind of resin with high tensile and flexural strength, fatigue resistance, low friction, low moisture absorption, and excellent dimensional stability.



### Product parameters

Vicker's hardness	20HV
Flexural strength	96MPa
E-Modules	<E2771MPa
Residual monomer	<1%
Colors	Pink, Regular, yellow
Systems	98mm / 95mm / 92*75mm
Thickness	12m / 14mm / 16mm / 18mm 20mm / 22mm / 25mm
Shades	A1 A2 A3 A3.5 A4 / B1 B2 B3 B4 C1 C2 C3 C4 / D2 D3 D4

### Indications

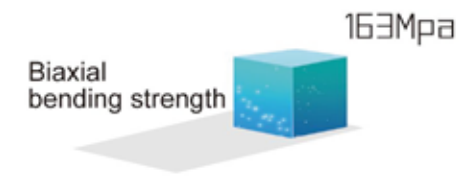


## PEEK

PEEK is a high-performance polymer. PEEK has been used as an implant material in human medicine for over 35 years. Its mechanical material properties are similar to bone material properties.



- Easy to mill
- Biocompatible
- Best shape stability



### Product parameters

Density	1.32g/cm <sup>3</sup>
Bending Strength	163MPa
E-Modules	4
Impact Strength	199KJ/m <sup>2</sup>
Color	Natural/White/Pink/Yellow
Size	98mm / 95mm
Thickness	10mm/12mm / 14mm / 16mm 18mm/20mm / 22mm / 24mm 25mm / 26mm / 30mm



## Milling Burs

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

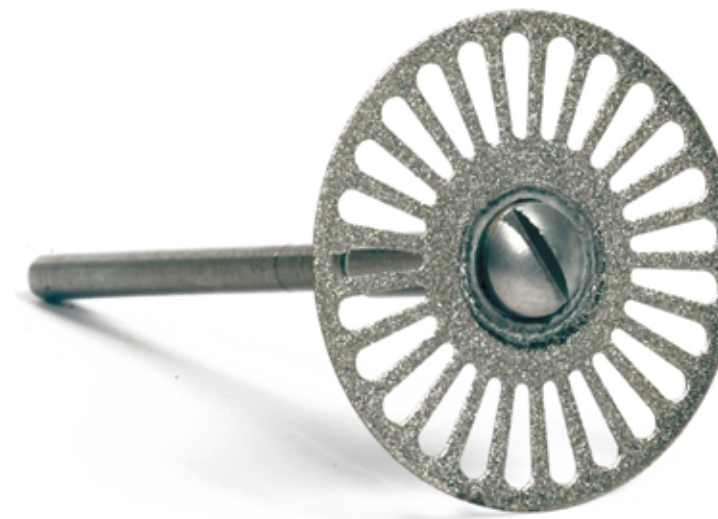
- Necessary tools for your milling machine
- Amann Girrbach, Roland, Imes-Icores
- Sirona, VHF, Yenadent, Wieland, ZirkonZahn



### Classification

Amann Girrbach	Roland	Imes-Icores	Imes-Icores Shank 6.0mm
Φ0.6mm*Φ3*47*2F	Φ0.6mm*Φ4*50*2F	Φ0.6mm*Φ3*43*2F	Φ1.0mm*Φ6*43*2F
Φ1.0mm*Φ3*47*2F	Φ1.0mm*Φ4*50*2F	Φ1.0mm*Φ3*43*2F	Φ2.5mm*Φ6*43*2F
Φ2.5mm*Φ3*47*2F	Φ2.0mm*Φ4*50*2F	Φ2.5mm*Φ3*43*2F	

Sirona	VHF	Yenadent	Wieland	ZirkonZahn
Φ0.5mm*Φ3*42*2F	Φ0.5mm*Φ3/4*35/40*2F	Φ0.6mm*Φ4*43*2F	Φ0.6mm*Φ3*35*2F	Φ0.5mm*Φ3*57*2F
Φ1.0mm*Φ3*42*2F	Φ1.0mm*Φ3/4*35/40*2F	Φ2.0mm*Φ4*43*2F	Φ1.0mm*Φ3*35*2F	Φ1.0mm*Φ3*57*2F
Φ2.0mm*Φ3*42*2F	Φ2.0mm*Φ3/4*35/40*2F		Φ2.5mm*Φ3*35*2F	Φ2.0mm*Φ3*57*2F
Φ2.5mm*Φ3*42*2F	Φ2.5mm*Φ3/4*35/40*2F		Φ0.6mm*Φ3*40*2F	
			Φ1.0mm*Φ3*40*2F	
			Φ2.5mm*Φ3*40*2F	



## Polishing Tools

### Zirconia Polishing Kit

Applicable to polish zirconia materials  
Efficient and high-speed process, 1-2 minutes to complete the polishing  
Complete grinding tools for polishing more than 80 restorations

### Lithium Disilicate Polishing Kit

Applicable to polish all-ceramic materials containing corundum particles for efficient polishing  
The polished restoration surface is smooth and does not require glazing

### Diamond polishing kit

Applicable to polish all-ceramic materials  
Flexible design and superior grinding properties



### Classification

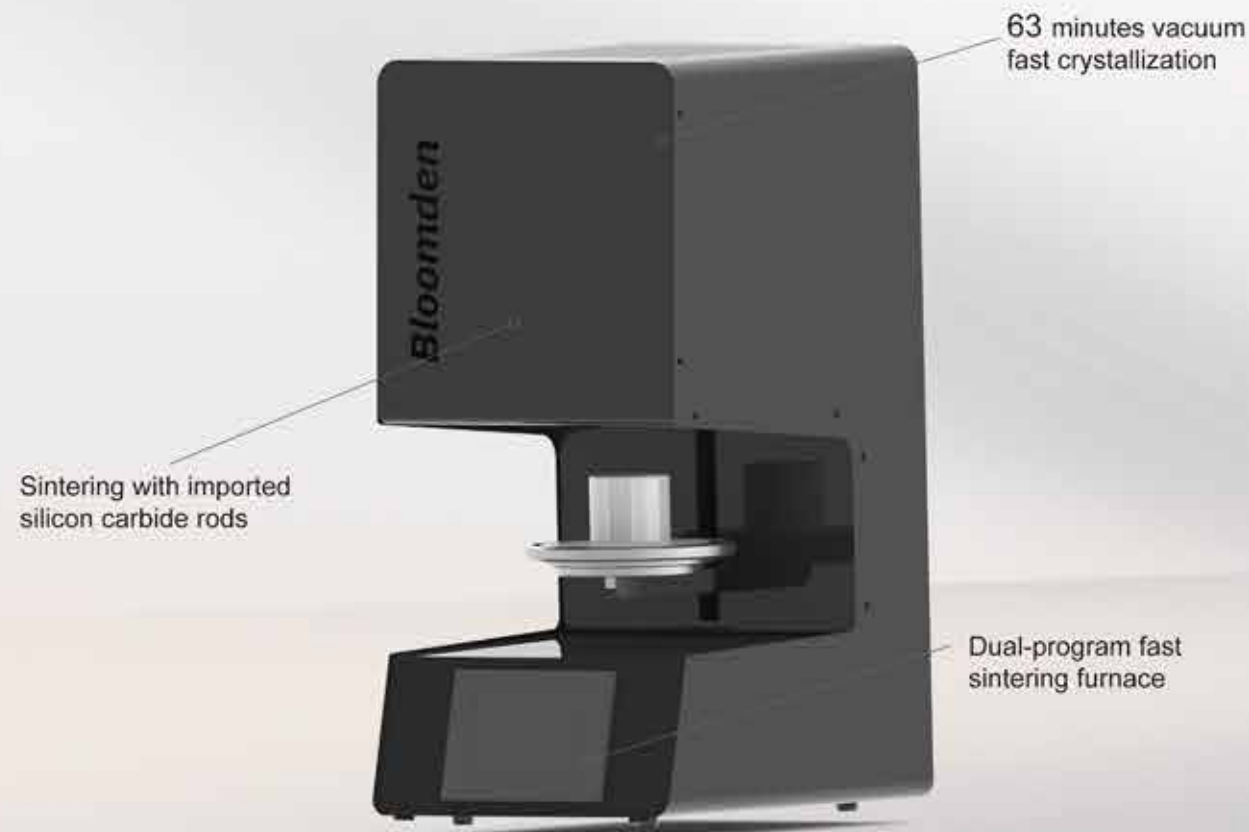
Zirconia Polishing Kit
TG02 TG03 TG09
HG03F HG06F HG10F
HG03M HG06M HG10M
MD15 MP18 FK30 FD2222B SH392





**CNC machining: Dry 5 axes milling machine**

The smallest 5 axes milling machine in the market



**Bloomden Profire Speed**

63 minutes fast crystallization in empty space

**【Bloomden X5】**

Specification	Parameters	Specification	Parameters
Model	X5	Tool Size	R1*L18mm/R0.5*L16mm /R0.3*L10mm
Appearance	470*393*475mm	Power	1.0KW
Axes	5-axis and 5-linkages	Weight	75KG
Motor	Micro Step Servo	Positioning Accuracy	0.005mm
Spindle	500W+ATC	Repeat Positioning Accuracy	0.008mm
Spindle Cool	Air Cool	Maximum Speed	3600mm/min
Workpiece Cool	Dust Clean	A-axis Rotation Angle	(-25)~(25)
Tool Library	6	B-axis Rotation Angle	(0)~(360)

**【Bloomden Profire Speed】**

Specification	Parameters	Specification	Parameters
Heating Rate	Maximum 200°C/min	Power	Maximum 1.3KW
Maximum Temperature	Maximum 1530°C	Volume	27*36*56cm 29*22*13.5cm
Hold Time of Max Temperature	Longest 2H46M	Furnace Wick	Diameter 6.5cm
Operation Tage	100-120V 50/60HZ 230V 50/60HZ	Net Weight	20Kg
Electric Current	14.5amp@110V 7.0amp@230V	Gross Weight	25.5Kg



### Sintering Furnace B16

Adopts international advanced manufacturing technology. They are specially designed for the sintering of all kinds of materials in the lab.



### Pocelain Furnace PF1

Furnace chamber is made of high quality quartz tube material

#### 【Bloomden Sintering Furnace B16】

Specification	Parameters	Specification	Parameters
Touch screen	7 inch	Working Temperature	1550°C
Accuracy	$\pm 1^{\circ}\text{C}$	Chamber Size	$\Phi 150 \times 120\text{mm}$
Power	1.8 KW	Overall Dimension	L580*W490*H740mm
Thermal Couple	S type	Advised Heating Rate	$\leq 10^{\circ}\text{C}/\text{min}$ $\leq 10^{\circ}\text{C}/\text{min}$
Max Temperature	1600°C	Weight	70Kg

#### 【Bloomden Pocelain Furnace PF1】

Specification	Parameters	Specification	Parameters
Heating Rate	200°C / min max.	Power	1500W Max.
Max Temperature	1200°C max.	WDH	27*36*53cm
Time(at max temperature)	2 Hours	Usable Measure	9cm(3.5")
Operation Range	100-120V 50/60HZ 230V 50/60HZ	Net Weight	20Kg
Power Supply	14.5A@110V 7.0A@230V	Total Weigth	23.5Kg





**Fast printing**  
only takes about 20 minutes to print the guide plate

**Automatic constant temperature system**  
This system ensures printer can use in any temperature environment

**Large printing area**

### Bloomden D1 3D Printer

3D printing is the catalyst for digital dentistry

#### 【Bloomden D1 3D】

Specification	Parameters	Specification	Parameters
Technique	Shadow Masking	Print Speed Rated	MAX 35mm/h
Light Source	UV-(wavelength 405nm)	Exposure Speed	2-3s/layer (0.05mm)
XY Resolution	29.7um 7680*4320 (8K 10.3")	Rated Power	120W
Z-axis Accuracy	0.01mm	Heating Power	400W
Layer Thickness	0.03mm/0.05mm/0.1mm	Machine Size	350mm*315mm*455mm

### Bloomden Intraoral scanner

Compact, intelligent, fast, and oral users can obtain digital impressions in real time

Intraoral scanner with high performance is suitable for restoration, implant, and orthodontics

Vivid color

Powderless

Anti-fog Heating

High Accuracy  
Impressive Speed

Intelligent Match



#### 【Bloomden Intraoral scanner】

Specification	Parameters	Specification	Parameters
Output Format	STL,PLY,OBJ	Power Supply	DC12V 2A
Operating Temperature	10°C~40°C	Cable Length	2.0m
Interface	USB 3.0	Weight	480g
Scan Technology	Continuous Scanning	Size	306mm*48.5mm*57.5mm



### Bloomden Digital Scanner

The Fastest True Color Scanner on the Market

#### 【Bloomden Digital Scanner】

Specification	Parameters	Specification	Parameters
Model	LS100	Scan Range	80x60x60mm
Accuracy	<10 um	Weight	7Kg
True Color Texture	Yes	Dimension	370x280x430mm
Camera Resolution	2x1.6MP	Interface	USB 3.0
Articulator Scan	Yes	Power Supply	DC 24V
Output Data Format	STL, PLY, OBJ	Gross Weight	9Kg
Light Source	LED Blue light	Package Size	415x325x480mm

## Sophisticated online restoration design service

Bloomden provides professional dental digital design and more advanced dental CAD/CAM design service. We supply high quality same-day design service to worldwide dental laboratory, dentist and CNC machining center.

01

Bloomden has an excellent design crew that were all graduated from stomatology technology major. Our design team has seven years of working experience per capita and four years of foreign design to provide you with the highest design service

Experienced design crew

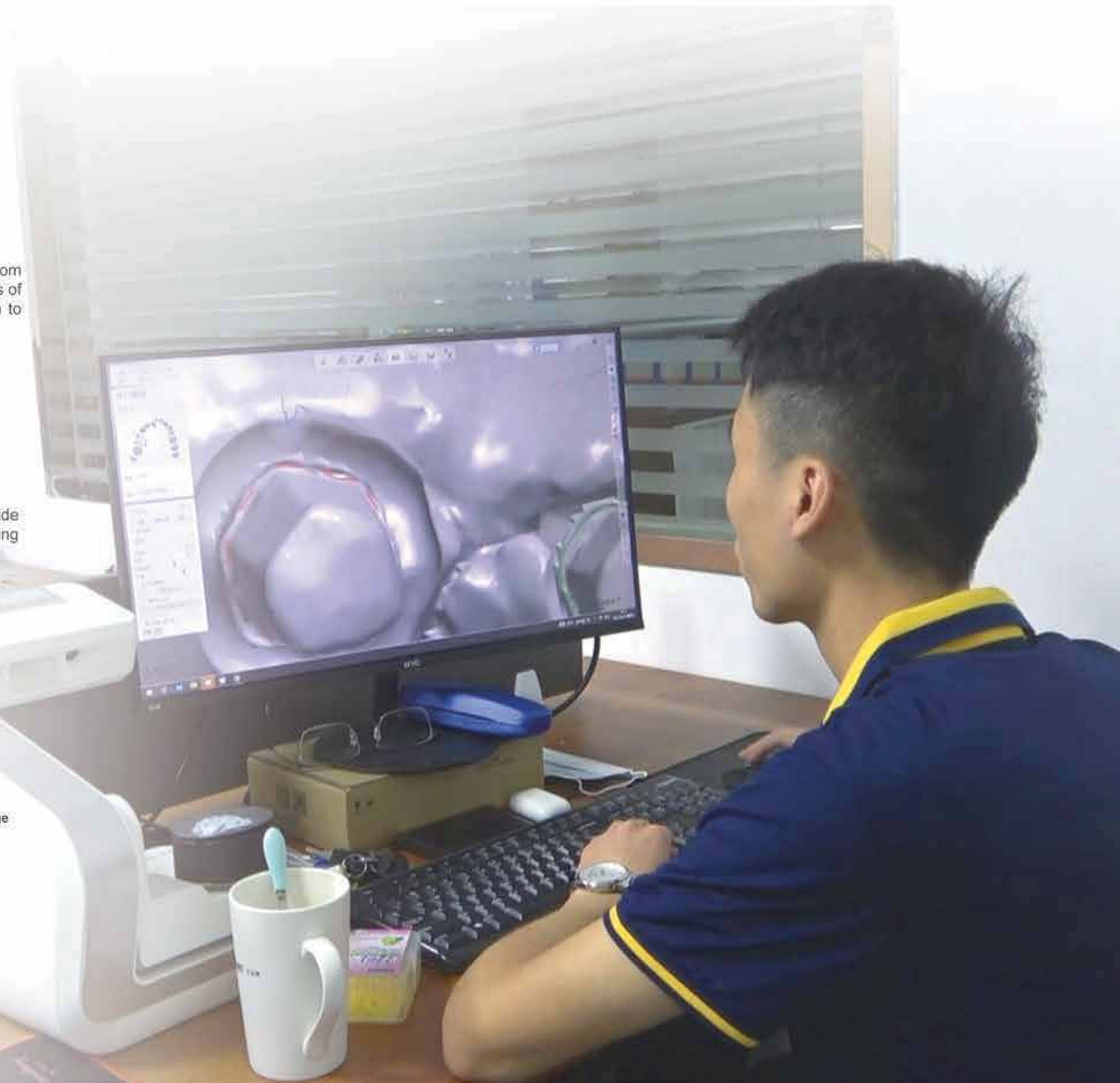
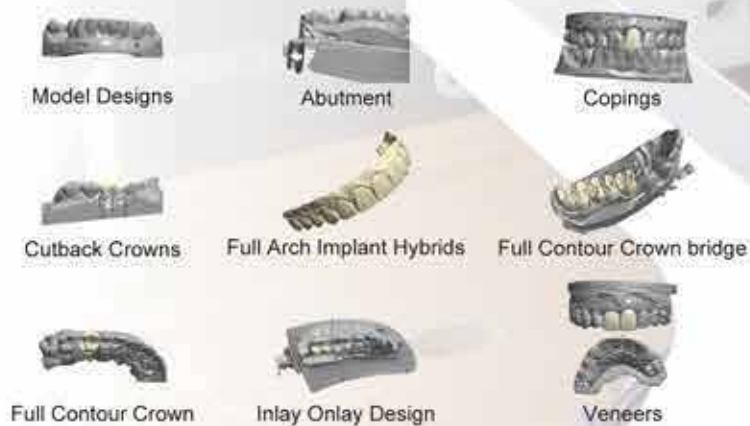
02

Bloomden can design a crown in 10 minutes, ensuring to provide high quality, fine design, considerable price and outstanding customer satisfaction in the turnover period.

High quality & high efficiency

03

Various kind of design service





## Company Profile

Bloomden Bioceramics(Hunan) Co., Ltd. (hereinafter referred to as Bloomden) is located in Changsha, Hunan. Founded in 2012, Bloomden is a technological company specializing in research and development, manufacturing, sales and service for dental CAD/CAM zirconia blocks, zirconia 3D printing, zirconia implants, dental restoration materials, digital dental technology & equipment.

Since its foundation, Bloomden has been awarded many honorary titles such as "High-tech Enterprise", "China Engineering Ceramics Council Membership", and "Hunan Province New Material Enterprise"; and has applied for more than 20 patents. Bloomden has its own headquarters operation center and advanced manufacturing facility in Changsha. The company has obtained a number of domestic and foreign medical device registration certificates such as CFDA, FDA, CE, ISO13485, etc.

Strengthened with the material and science engineering college of Central South University, Hunan University, and Changsha University of Science & Technology, as well as senior engineered ceramic experts and dental experts domestically and internationally, the company has established Industry&College Research collaboration and exchanges. Bloomden has been contiguously dedicated to the technology and development of digital dental and zirconia bioceramics for dental restoration. Not only we can provide excellent dental zirconia products and other dental digital restoration materials, but also provide digital dental equipment, digital dental technology, and services.

Bloomden has established marketing all over the world. We built offices in the United States and have serviced customers in nearly 100 countries and regions such as the United States, the Middle East, Europe, Africa, South America, and Southeast Asia. Bloomden's brand strategy is centered on the marketing philosophy of from Customers to the Human Spirit. Our value is "Better Trust, Better Smile". The company complies with the principles of trust, efficiency, and success, and strives to cooperate with domestic and international dental customers for a win-win business. Bloomden is committed to jointly promoting the development of the dental industry, and making China brand and biomaterial technology world-renowned.

## Bloomden Value Proposition

**Honesty**—Stable quality, Commitment adherence, Prices system

**Stable quality:** Through an abundant of analysis of digital dental data, a unique 3D natural translucency and strength degraded zirconia has been developed to meet the characteristics of oral restoration functions and aesthetics of all kinds of customers around the world, forming a standardized and customized product structure. The company has fine powder pressing system, isostatic pressing system, and other advanced manufacturing equipment and testing equipment, a professional factory quality management system, and R&D team for material.

**Commitment adherence:** Honesty is the fundamental value of all Bloomden employees and the base of cooperation with customers. Bloomden strictly abides by the spirit of the contract and doesn't harm the benefits of customers.

**Price System:** Bloomden has established a complete price system and distribution management system in various countries and regions to protect and create customer value.

**Efficiency**—Enterprises-Universities-Researches Integration factory, Fast response, Digital dental solutions

**Enterprises-Universities-Researches Integration factory:** The company has established Enterprises-Universities-Researches cooperation and exchanges with well-known material technologies domestically and internationally, as well as senior ceramic technology and dental experts. Bloomden has been committed to developing more advanced dental digital technology and zirconia bioceramic technology for dental industry.

**Fast Response:** The annual production capacity of consuming zirconium powder for zirconia blocks exceeds 200 tons, and strong inventory management can realize the rapid delivery of general items on the next day and customized items in 7 days.

**Digital dental solutions:** The company provides professional digital cad/cam dental solutions, which can realize one-stop digital chairside service for 3-hour dental restoration service, and provide 24-hour online design services for global dentists and technicians through the digital platform.

**Accomplishment:** VIP exclusive consultant, Growing up together, Planning regional markets together

**VIP exclusive consultant:** Provide professional Marketing Consultant service, assist distribution partners to analyze the characteristics of VIP customers, summarize target VIP customer image, help distribution duplicate more VIP customers, and organize specific customer development and maintenance.

**Growing together:** Support distribution partners to create team building and employee encouragement system, and facilitate customers through digital to achieve mutual success.

**Planning regional markets together:** Exclusive consultant provides relevant regional market analysis and industry development analysis. Work with our distribution partners to develop marketing and brand promotion strategies.

