

# CEDU3D

## FULLY DIGITAL PRODUCTION LINE

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Professional dental manufacturer

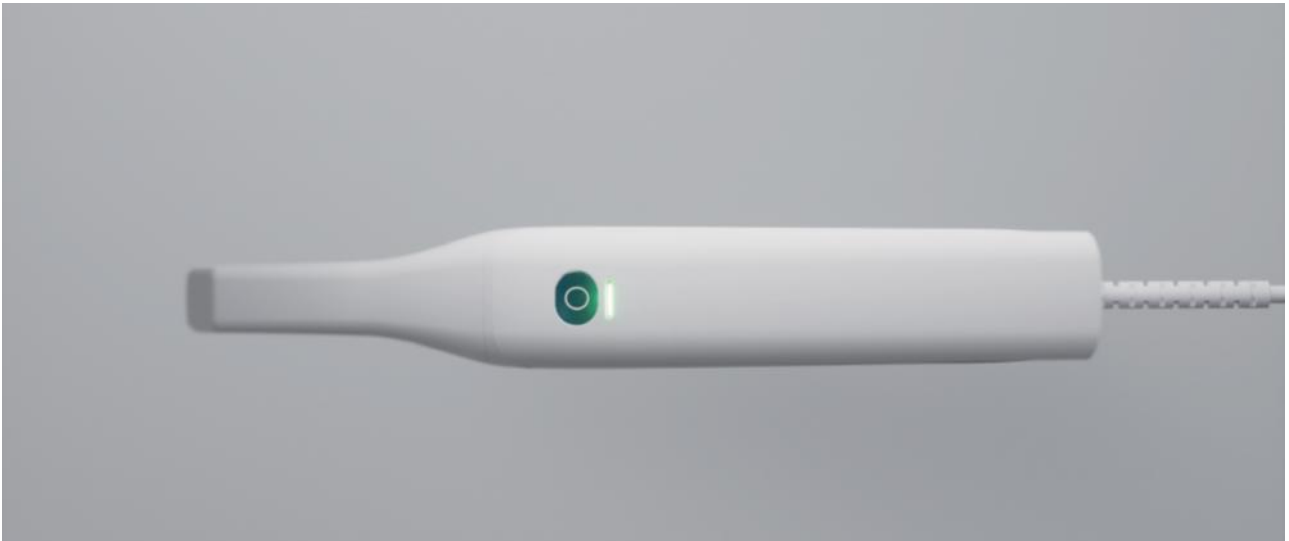
# DENTAL DIGITAL EQUIPMENT

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# New Intraoral Scanner

High performance and smooth scanning



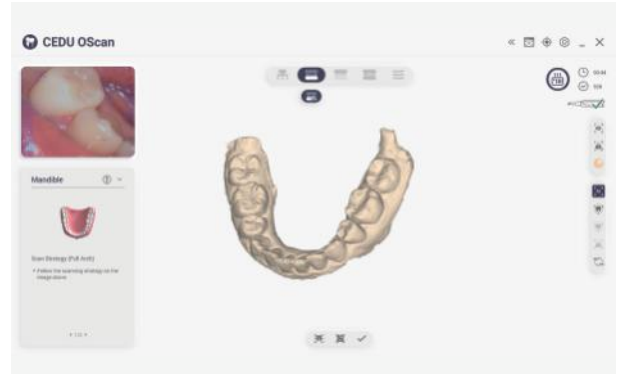
## Intraoral Scanner

A high-end dental digital scanner specially developed for the dental industry, with advanced dynamic 3D scanning technology, it provides high speed imaging, real color, and higher scanning accuracy for users.



# Complete Scanning Function

CEDU3D has been committed to providing users with a shortcut to oral digitalization, insisting on continuous innovation and improving the patient experience for users



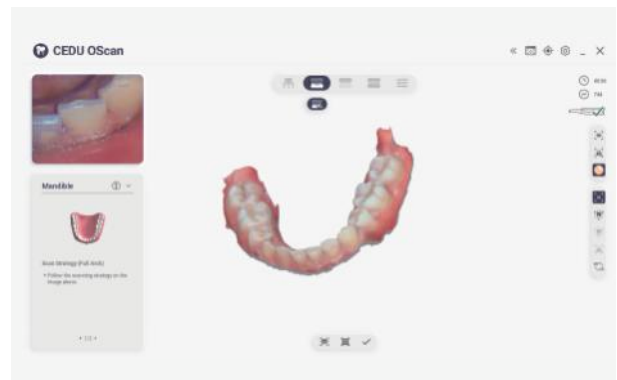
## Lock Data

Lock the position of the teeth to prevent data loss and reject excess data interference.



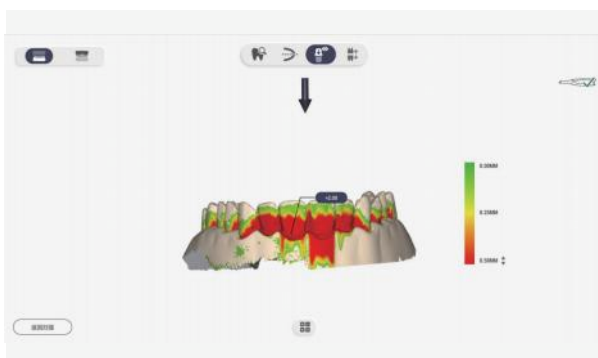
## Color Switch

One click color switching and comprehensive inspection of model data.



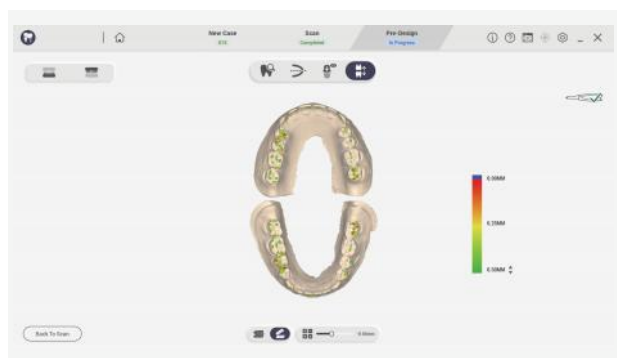
## Model Builder

This function intelligently generates a standardized, ready-to-print base for a scanned dental model, creating an integrated digital file for direct 3D printing.



## Ai Removal of Soft Tissue

Suitable for edentulous jaws, routine restoration and implantation, and orthodontic cases.

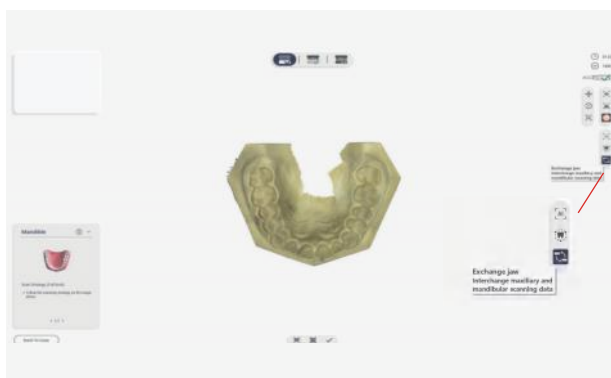


## Undercut Detection

Automatically identifies tooth recesses that could block a restoration's placement, ensuring safe and smooth insertion.

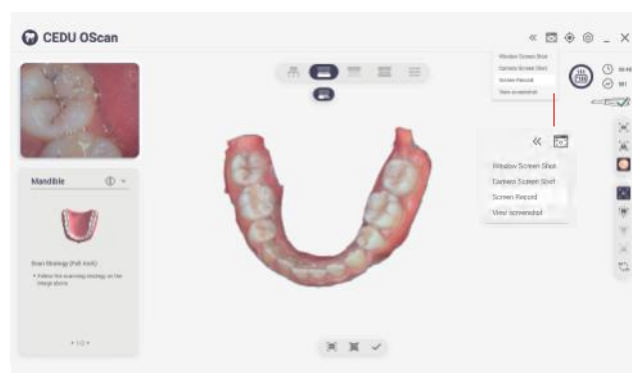
## Occlusal Analysis

Simulates and adjusts the bite contact of a restoration to prevent interference and ensure long-term comfort.



## Swapping The Upper And Lower Jaws

After scanning or post processing is completed exchange data of the upper and lower jaws. Suitable for situations where the upper and lower jaw processes are reversed during scanning.



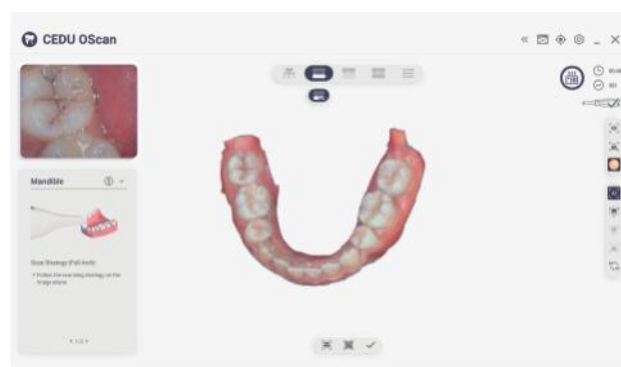
## Comes With Built In Screen Recording

Screen recording: Record the scanning process; Screenshot: capture data measurement results. etc;



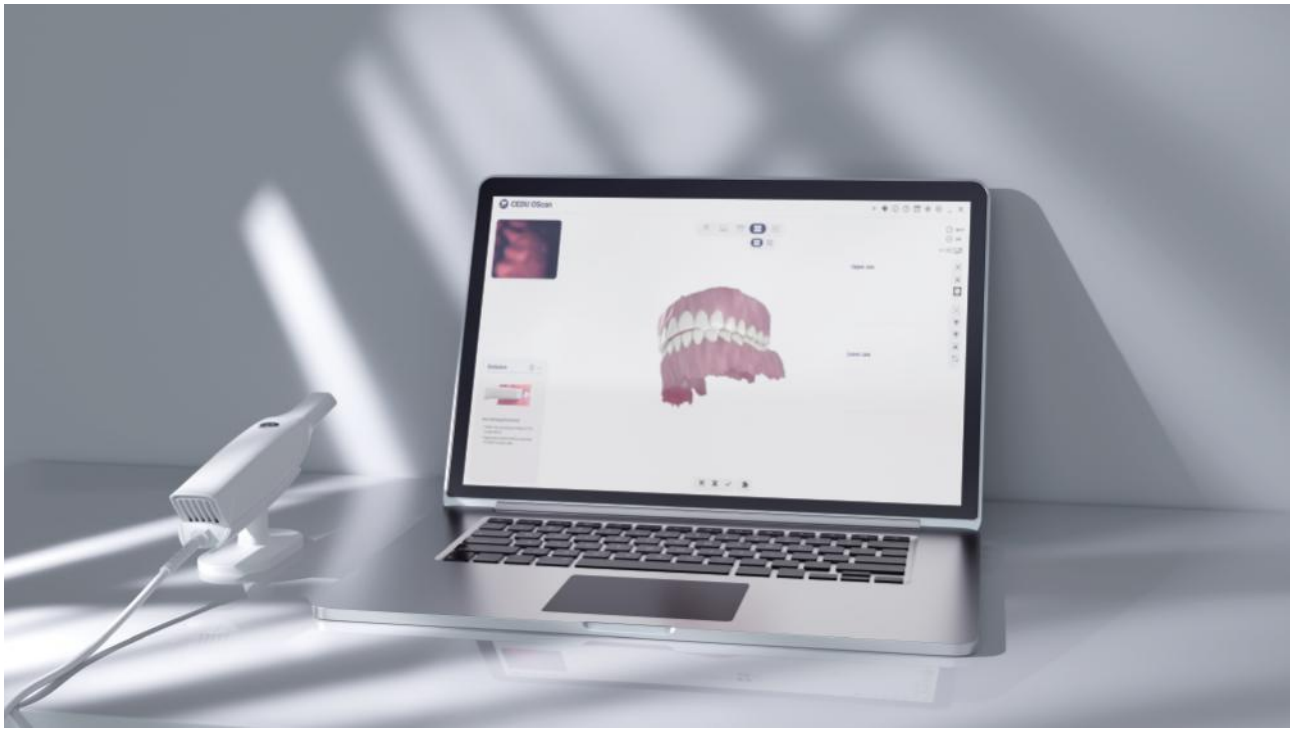
## Adjusting Coordinates

Used for manually adjusting the reference coordinate system of the teeth and jaw, adjusting the tooth and jaw data to a unified standard reference coordinate system.



## Scanning Indication

You can click in the image window as needed to activate scanning instructions and guide customers to convert the unshanned area to multiple angles for scanning, in order to obtain high quality data.



## System Configuration

Please check if your configuration meets the minimal recommended configuration.

|                  | Laptop computer                                       | Desktop computer |
|------------------|-------------------------------------------------------|------------------|
| CPU              | Intel Core 12th generation i7 or above                |                  |
| RAM              | 16GB                                                  |                  |
| GPU              | NVIDIA Geforce RTX 3060 and above 8GB                 |                  |
| Operating System | Windows 10 or Windows 11, 64-bit Professional edition |                  |

| OScan                   | Parameter                                                |
|-------------------------|----------------------------------------------------------|
| Scanning technique      | Structured light imaging technology                      |
| Product size (L*W*H)    | 290mm*45mm*40mm                                          |
| Product weight          | 260g                                                     |
| Scan head size (L*W*H)  | 45mm*35mm*100mm                                          |
| Single scan range       | 14*14mm                                                  |
| Scan depth              | -2mm-20mm                                                |
| 3D data format          | STL, PLY, OBJ, support customized encrypted format files |
| Interface               | USB 3.0                                                  |
| Full port scanning time | <2 min                                                   |
| Light source            | Blue LED                                                 |
| Frame rate              | 30FPS                                                    |

# Packing Specifications



**Outer Packing Box**



**Inner Packing Box**



**Oral Scanner**



**Color Calibration / USB**



**Power Adapter**



**Equipment Bracket**



**Calibration Tool**



**USB Cable**



**Scanner Tip\*4**

# DENTAL PROFESSIONAL SCANNER

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# Dental Desktop Scanner

Economic, Efficiency, and Elegant. Combining these three features makes it easy to integrate our desktop scanners into your workflow.

## QScan



### STABLE

Dual arm stabilizes scanner structure and minimizes motor vibration during scanning



### CAMERA

Optimized 3.0MP industrial camera with 2/3 inch camera chip and 5.3um chio pixl, better details shown



### HEAT DISSIPATION

Dual radiator design to protect projector, enabling longer projector lifetime



### USB

Stable and fast data transfer with USB 3.0 interface



## All-In-One

This new all-in-one scan method allows scan of quadrant models and dies at the same time, which largely simplifies the scan process and improve the scan efficiency by almost 50%.

Conventional

4 Steps



1. Upper



2. Lower



3. Die



4. Bite

All-in-one

2 Steps



1. Bite



2. All-in-one

# QScan Pro S

- Upgrade Scanning Speed 30%
- Color Texture
- A brand-new Mechanical Structure



## STABLE

Swing arm upgrade, faster scanning speed, more stable and quieter scanning.



## CAMERA

Camera upgrade, 3.7MP\*2, faster scanning speed, higher scanning accuracy.



## Greatly Speed UP!

QScan Pro S 3d scanner, the speed of the camera and turntable is increased. and the single data can be scanned faster. With the new architecture software version, the fast scanning mode can be started immediately, and the fast scanning experience can be enjoyed, which will help the denture factory to improve quality and efficiency.

Occlusion

3s



1-8Dies

13s



Single Jaw

10s



Impression

12s



# Qscan Max

- Ultra-high Accuracy
- Ultra-high Details
- Flexible Workflow
- Backstage Data Processing



## CAMERA

The new camera 5.0MP\*2 has higher scanning accuracy.



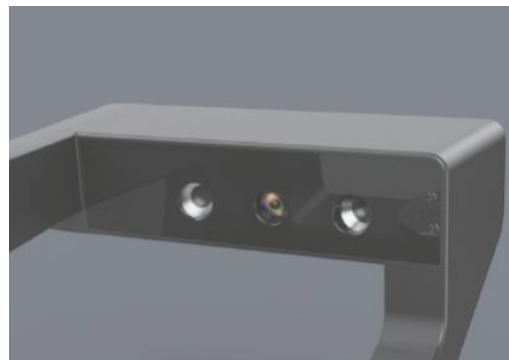
## Fine Data, Complete Scanning

QScan Max upgrade further optimizes and improves the 3D scanning ability, and the texture scanning is clearer, the non parting data is more complete, and the implant scanning is simpler, which helps dental technicians to cope with large scale production calmly.

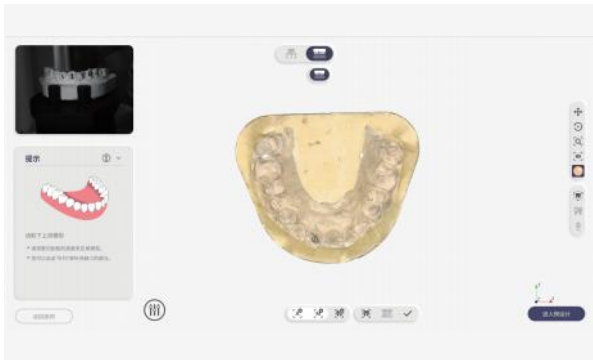
**Scan accuracy  $\leq 8 \mu\text{m}$**



**5.0MP\*2**



# Complete Scanning Function



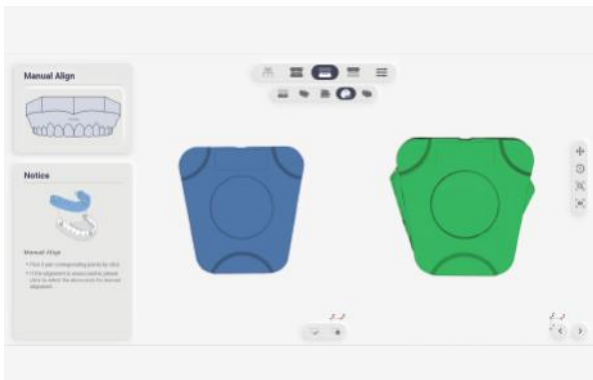
## High Precision Texture

Obtain texture data.



## Custom Scanning Steps

You can choose the scanning order yourself more adaptable to your work style and needs.



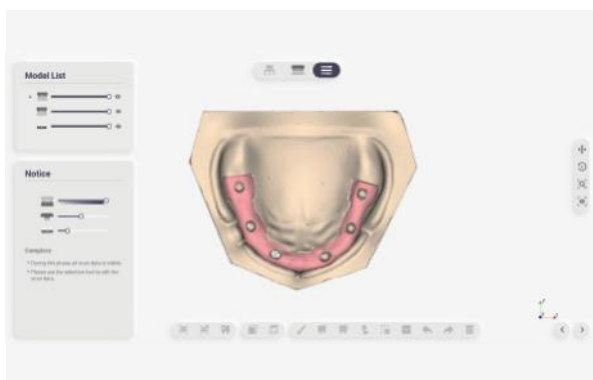
## Virtual Articulator Transfer

Can dock with KaVo and Artex racks, using virtual racks without the need for special fixtures, just scan the base to align to the default position.



## Bilateral Impression

The impression scanning module can automatically complete dual impression scanning, without the need for you to manually reverse the scanning data, to obtain a concise and accurate dual impression data and bite impression data.



## Gingival Scan

High precision gum scanning.

# Specification Configuration



| PC RECOMMENDED CONFIGURATION |  | 3.0MP / 3.7MP                 | 5.0MP                         |
|------------------------------|--|-------------------------------|-------------------------------|
| CPU                          |  | Intel 8th Generation I5 above | Intel 8th Generation I5 above |
| GPU                          |  | NVIDIA 3060ti-6G and above    | NVIDIA 3060-8G and above      |
| RAW                          |  | 16G                           | 16G                           |
| SSD                          |  | 128G                          | 512G                          |
| POWER                        |  | 550W                          | 550W                          |

| Parameter                 | QScan Pro                          | QScan Pro S                        | QScan Max                          |
|---------------------------|------------------------------------|------------------------------------|------------------------------------|
| Resolution of the cameras | 3.0mp*2                            | 3.7mp*2                            | 5.0mp*2                            |
| Scan area                 | 100*100*75mm                       | 100*100*75mm                       | 100*100*75mm                       |
| Scan principle            | Three-dimensional structured light | Three-dimensional structured light | Three-dimensional structured light |
| Size                      | 37*35*45cm                         | 37*35*45cm                         | 37*35*45cm                         |
| Weight                    | 5 Kgs                              | 5 Kgs                              | 5 Kgs                              |
| Light source              | LED Blue Light                     | LED Blue Light                     | LED Blue Light                     |
| Articulator scan          | ●                                  | ●                                  | ●                                  |
| Accuracy(ISO12836)        | 10 μm                              | 8 μm                               | 5 μm                               |
| Single jaw scan speed     | 17s                                | 11s                                | 13s                                |
| Texture                   | ●                                  | ●                                  | ●                                  |
| True color scanning       | ×                                  | ●                                  | ●                                  |

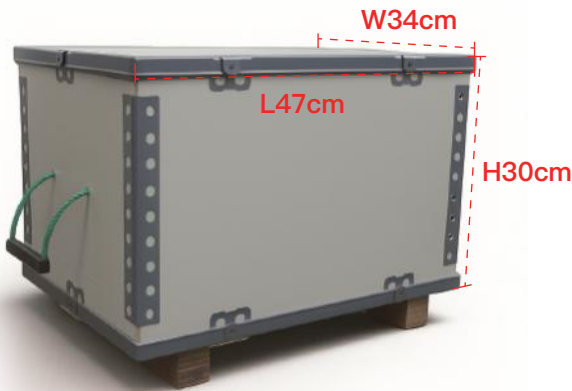
# Packing Specifications

Net Weight:

**5kg**

Gross Weight:

**12kg**



External Packing Box



Scanner



Calibration board



Base Block



Die-tray



Full Jaw Fixture Base



Fixture Base\*2



All In One Fixture Base



Dental Mould Fixture



Jaw Transfer Block



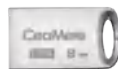
Impression Clamp



Impression Fixture



Articulator Plate



Software Installation  
Package USB Driver



BluTack Plasticine



Power Cord Cable



USB Cable



Power Adapter

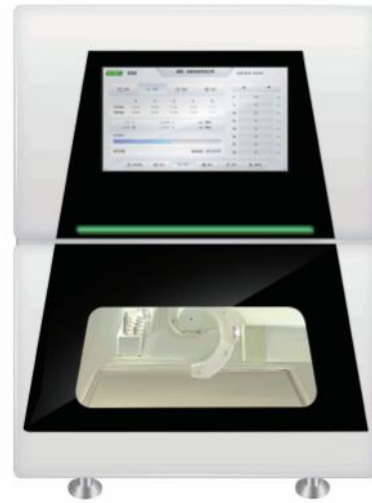
# DENTAL MILLING MACHINE

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## M5 Five-axis Dry Milling Machine

- Support multiple languages
- Automatic tool changer
- LCD Display

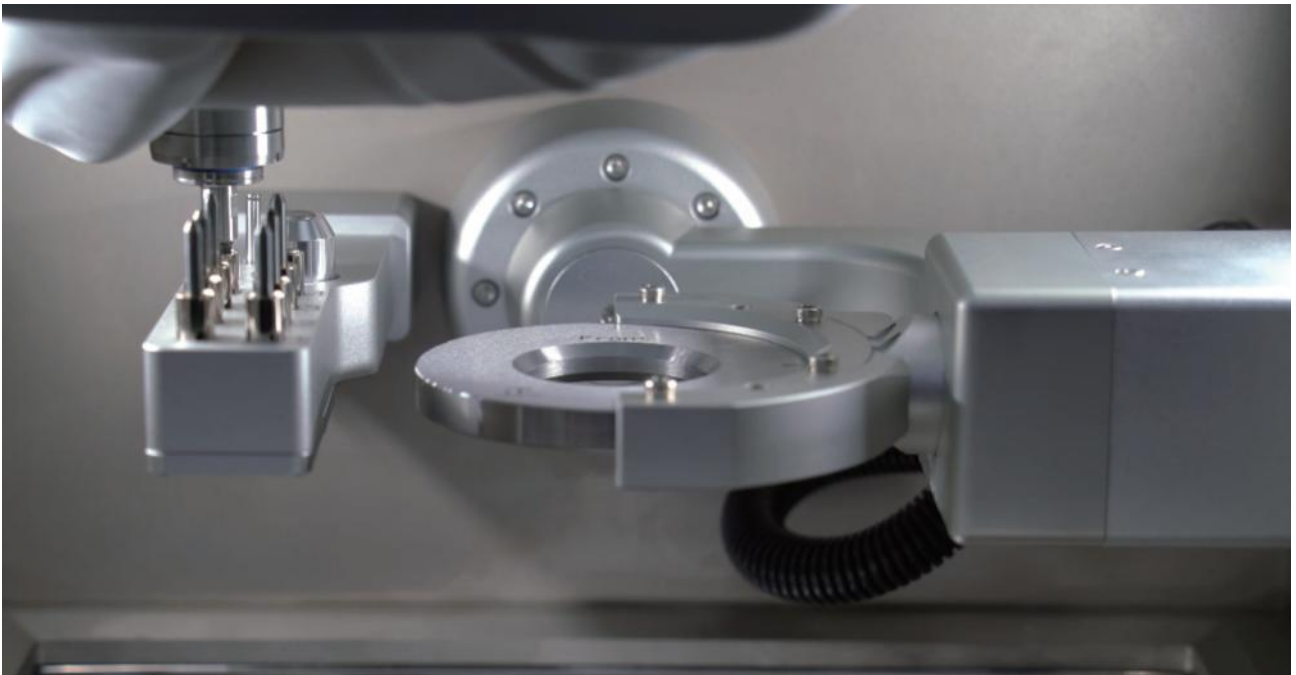


## Precision 90° Milling



Five-axis synchronous technology can realize 90 vertical and beautiful dry milling. This solution accurately integrates efficient and real prostheses, ensures consistent high-quality dental prostheses, and provides natural and realistic results for patients.

# Auto-Calibration



Automatic calibration simplifies operation and automatically optimizes the accuracy and stability of the machine. This function can reduce milling errors, minimize material waste and improve overall efficiency, so that users can consistently produce high-precision dental restorations with excellent quality and reliability.

## Parameter

| M5                              | Parameter             | M5                      | Parameter                                   |
|---------------------------------|-----------------------|-------------------------|---------------------------------------------|
| Size                            | 456*599*700MM         | Electric machinery      | Servo motor                                 |
| Weight                          | 85KG                  | Processing angle        | A $\pm 360^\circ$ B $+35^\circ$ $-35^\circ$ |
| Processing method               | Dry milling           | Processing materials    | Zirconia, PEEK, PMMA, wax, etc              |
| Number of axes                  | Five axis             | Number of cutting tools | 7                                           |
| Pressure                        | $\geq 0.65\text{MPA}$ | Spindle                 | 60000RPM                                    |
| Power Supply                    | 220V                  |                         | Air cooling                                 |
| Maximum output power            | 1.4KW                 |                         | 4MM clamp head                              |
| Repetitive positioning accuracy | $\pm 0.005\text{MM}$  |                         | 0.45KW                                      |

# MD5 Electric Spindle Dry Milling Machine

- German motorized spindle
- Automatic tool changer
- Support multiple languages
- Auto-Calibration
- Precision 90° Milling



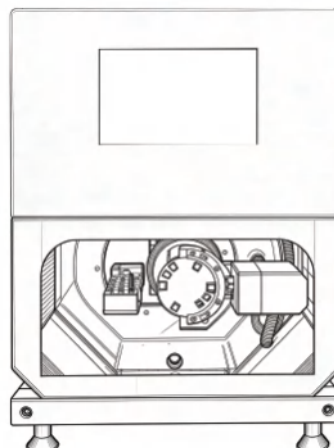
## German Motorized Spindle

60,000 rpm high-power spindle delivers reliable performance for complex cases and hard materials.



## Single-Piece Casting Frame

Engineered for precision, the solid one-piece frame guarantees 24/7 stable milling, vibration-free operation and flawlessly smooth prosthetic processing.



# Wide Material Compatibility

Zirconia, wax, PMMA, PEEK, composite resin, soft metals, and more.



# Multi-Language Interface

User-friendly system supports multiple language settings, facilitating easy operation across different regions and user backgrounds.



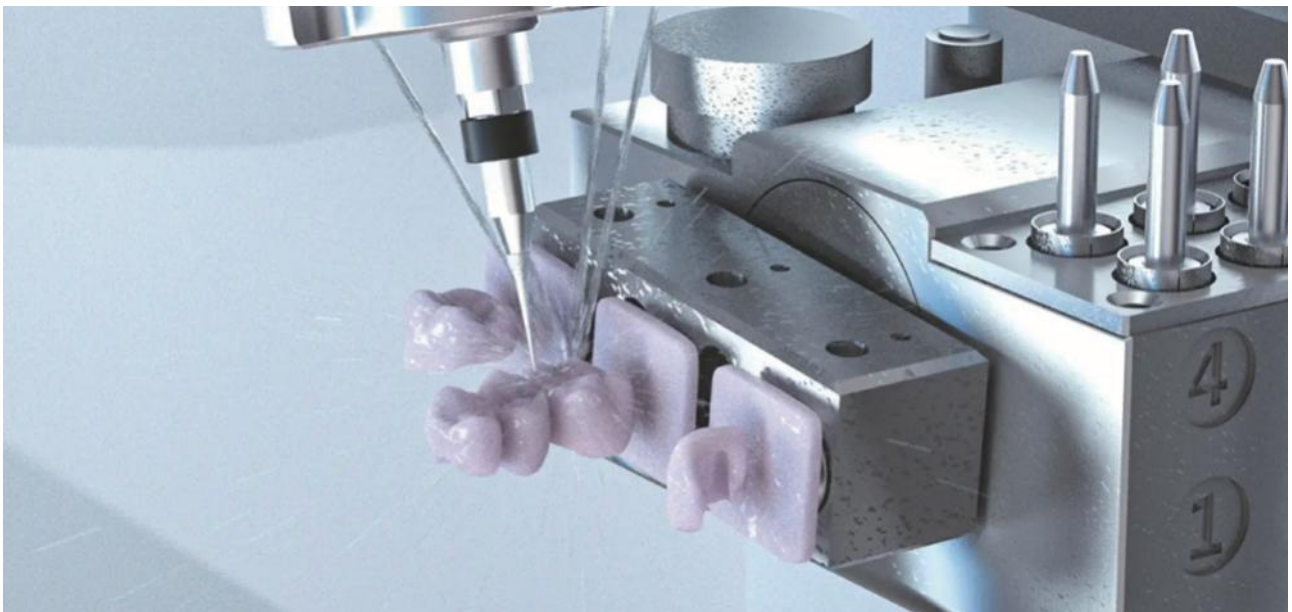
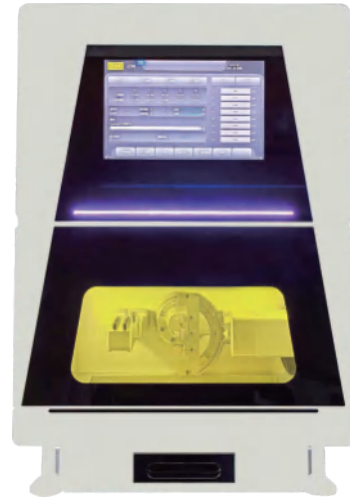
# Multi-Software Support

Compatible with WorkNC, Hyperdent, Millbox, and other CAM software.

| MD5                             | Parameter     | MD5                     | Parameter                      |
|---------------------------------|---------------|-------------------------|--------------------------------|
| Size                            | 456*599*700MM | Electric machinery      | Servo motor                    |
| Weight                          | 85KG          | Processing angle        | A ±360° B -30° +110°           |
| Processing method               | Dry milling   | Processing materials    | Zirconia, PEEK, PMMA, wax, etc |
| Number of axes                  | Five axis     | Number of cutting tools | 7                              |
| Pressure                        | ≥ 0.65MPA     | Spindle                 | 60000RPM                       |
| Power Supply                    | 220V          |                         | Natural cooling                |
| Maximum output power            | 1.4KW         |                         | 4MM clamp head                 |
| Repetitive positioning accuracy | ± 0.005MM     |                         | 800W                           |

# MW5 Five-axis Wet Milling Machine

- Five-axis linkage wet machining
- Automatic tool changer
- Water cooling and heat dissipation



"Wet milling" process is crucial as it prevents overheating, reduces dust, and ensures higher precision and a smoother surface finish on the final restoration. With CAD software, MW5 precisely mills dentures from digital designs, offering greater efficiency, consistency, and quality than traditional methods.

| MW5                             | Parameter            | MW5                  | Parameter                      |
|---------------------------------|----------------------|----------------------|--------------------------------|
| Size                            | 456*599*700MM        | Electric machinery   | Servo motor                    |
| Weight                          | 85KG                 | Processing angle     | A $\pm 360^\circ$              |
| Processing method               | Wet milling          |                      | B $+30^\circ +110^\circ$       |
| Number of axes                  | Five axis            | Processing materials | Glass ceramic, titanium pillar |
| Maximum output power            | 2.6KW                | Spindle              | 60000RPM                       |
| Power Supply                    | 220V                 |                      | Liquid cooling                 |
| Repetitive positioning accuracy | $\pm 0.005\text{MM}$ |                      | 6MM clamp head                 |
| Number of cutting tools         | 8                    |                      | 1.8KW                          |

# MY5 Dry&Wet Integration Five-axis Milling Machine

- Five-axis linkage machining
- Automatic tool changer
- Dry, wet and metal cutting



- Dry and wet milling in one device
- Process zirconia, wax, PMMA, and composite resins, glass ceramics, titanium pillars.
- Stable milling performance with excellent model
- User-friendly interface with automatic mode switching

| MY5                     | Parameter           | MY5                | Parameter               |
|-------------------------|---------------------|--------------------|-------------------------|
| Size                    | 510*660*710MM       | Electric machinery | Servo motor             |
| Weight                  | 110KG               | Processing angle   | A $\pm 360^\circ$       |
| Processing method       | Wet&Dry Milling     |                    | B $-30^\circ +90^\circ$ |
| Number of axes          | Five axis linkage   | Data transmission  | USB, Ethernet           |
| Machining precision     | $\leq 5\mu\text{m}$ | Spindle            | 60000RPM                |
| Rated current frequency | 50/60HZ             |                    | Liquid-cooling          |
| Compressed air          | 0.6-0.8MPa          |                    | 6MM clamp head          |
| Number of cutting tools | 8                   |                    | 1.8KW                   |

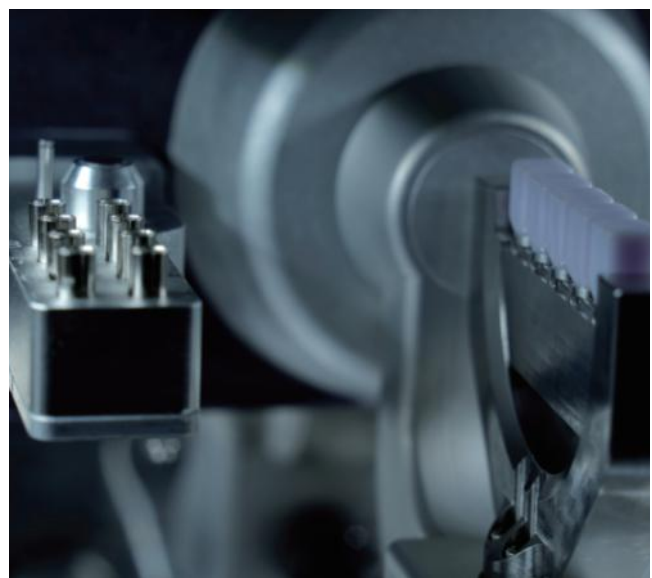
# MW6 Five-axis Wet Milling Machine

- Five-axis linkage wet machining
- Automatic tool changer,15 knives
- Glass ceramic, titanium pillar, titanium disc, Malong bridge



## Amazing Milling Power

You can grind any dental materials, such as glass ceramics, titanium columns, Malone Bridge, etc.



| MW6                     | Parameter           | MW6                | Parameter                   |
|-------------------------|---------------------|--------------------|-----------------------------|
| Size                    | 510*660*710MM       | Electric machinery | Panasonic servo motor       |
| Weight                  | 125KG               | Processing angle   | A $\pm 360^{\circ}$         |
| Processing method       | Wet milling         |                    | B $-30^{\circ} +90^{\circ}$ |
| Number of axes          | Five axis           | Data transmission  | USB, Ethernet               |
| Machining precision     | $\leq 5\mu\text{m}$ | Spindle            | 60000RPM                    |
| Rated current frequency | 50/60HZ             |                    | Liquid-cooling              |
| Compressed air          | 0.6-0.8MPa          |                    | 6MM clamp head              |
| Number of cutting tools | 15                  |                    | 2.5KW                       |

# Hlight-502

## Vacuum Cleaner

Automatic dust removal double-station vacuum cleaner

Designed for dental clinics and denture processing, this product effectively filters production dust. It is compact, quiet, powerful, and features an embedded system for both network-connected and automatic operation,can be used on two milling machines simultaneously.



| Parameter                        |            |                                    |            |
|----------------------------------|------------|------------------------------------|------------|
| Model                            | Hlight-502 | Weight                             | 28KG       |
| Rated Voltage                    | 220V       | Subatmospheric Pressure            | 0.7KP      |
| Rated Current                    | 5A         | Noise Decibel                      | 72dB       |
| Rated Power                      | 1200W      | Measure                            | 48*42*60cm |
| Maximum Simultaneous Connections |            | 2 units (standard milling machine) |            |

# DENTAL SINTERING FURNACE

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# Sintering Furnace

- Quick Sintering
- Closed Hearth Design
- PID Intelligent Temperature Control



## Advantage

High purity silicon carbon rod heating technology ensures uniform temperature inside the furnace.

Controllable output voltage greatly prolongs the service life of silicon carbide rods.

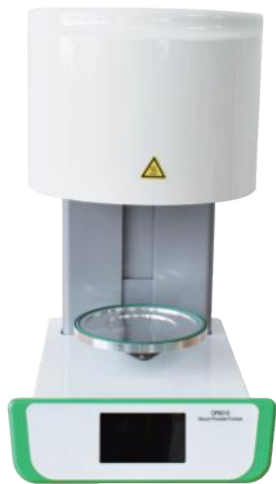
90mm oversized diameter tray capable of sintering up to 80 dentures.

Heat up to 1530 degrees Celsius in up to 20 minutes.

| Parameter                                      |                          | Parameter                  |                                                             |
|------------------------------------------------|--------------------------|----------------------------|-------------------------------------------------------------|
| Furnace Mode                                   | Electric lifting furnace | Support Languages          | English, Russian, Spanish, Chinese (extensible)             |
| Furnace Size                                   | 90*70mm                  | Number of sintering curves | Article 50                                                  |
| Crucible Size                                  | 2 layers                 | Rated Power                | 3kw                                                         |
| Number of teeth that can be burned at one time | 120 (60*2)               | Suitable Voltage           | 210-240V (50HZ)                                             |
| Heating Element                                | Elema                    | Net Weight                 | 42kg                                                        |
| Number of heaters                              | 4 Pieces                 | Machine Dimension          | 430*480*590mm                                               |
| Heating Rate                                   | 0-200 °C/min             | Packing Size               | 470*530*800mm                                               |
| Maximum Temperature                            | 1550 °C                  | Standard fittings          | 1 tray, 1 crucible, 1 package of zirconium beads, 1 manual. |
| Number of temperature control sections         | Section 3                |                            |                                                             |

# Porcelain Furnace

- Electric Lifting Furnace
- Multilingual
- 10-20 Teeth Capacity



## AI Temperature Control

- Heating Speed UP To 200°C/S
- Max Temperature in 1200°C
- Auto Calibration



## Dentist Special Furnace

- 20-40 pcs Denture/90mm Tray
- Glazing in 20 mins



| Parameter                  |                                       | Parameter                        |                              |
|----------------------------|---------------------------------------|----------------------------------|------------------------------|
| Heating Rate               | 200 °C/min                            | Maximum temperature holding time | Up to 2 hours and 46 minutes |
| Maximum Temperature        | 1200 °C                               | Vacuum level setting standard    | 1-101%                       |
| Operating range            | 100-120V 50/60HZ<br>230V 50/60HZ      | Electric current                 | 14.5 A @110V 7.0 A @230V     |
| Power                      | Max. 1500w<br>(excluding vacuum pump) | Volume                           | 30cm*39cm*55cm               |
| Furnace core platform      | 9cm                                   | Net weight                       | 19kg                         |
| Weight include the package | 23.5kg                                |                                  |                              |

# DENTAL 3D PRINTER

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# High-Precision Dental 3D Printer



## HIGH PRECISION,HIGH EFFICIENCY

10.1 inch 12K printing screen 218X123mm printing format,Printing accuracy 0.019mm,75mm/h  
Extreme speed printing.



## INTELLIGENT CONTROL

Check and print at startup, without manual leveling.  
Intelligent constant temperature system, always keep the best printing temperature.



## APPLICATION

It can be widely used in fixed restoration model, implant model, orthodontic model, implant guide plate, positioning guide plate, temporary crown, tooth base and other applications.



## Product Parameter

|                         |                            |
|-------------------------|----------------------------|
| Equipment size          | 360*300*510mm              |
| Net weight of equipment | 21kg                       |
| Packing size            | 455*400*765mm              |
| Packing weight          | 22kg                       |
| Molding size            | 218*123*160mm              |
| Pixel size              | 11520*5120                 |
| Dot per inch            | 0.019mm                    |
| Z axis accuracy         | 0.01mm                     |
| Technical type          | Aperture technology of LCD |
| Layer thickness setting | 0.015-0.15mm               |
| Max. Print Speed        | 75mm/h                     |

# 3D Printing Resin

## Temporary Dental Resin

(Applicable industry: temporary dental restorations)

**Performance:** Typical Value

**Appearance:** A1,A2, commonly used colors in dentistry

**Bending strength ASTM D790m:** 29.5Mpa

**Bending modulus ASTM D790m:** 962Mpa

**Hardness:** 78



## Prosthetic Model Resin

(applicable industries: all kinds of dental models, surgical guidance models)

**Performance:** Yellow, orange yellow

**Appearance:** A1,A2, commonly used colors in dentistry

**Bending strength ASTM D790m:** 29.5Mpa

**Bending modulus ASTM D790m:** 962Mpa

**Hardness:** 78



## Orthodontic Bracket Positioning Is Suitable For Industries

(orthodontic guide plate, functional retainer, orthodontic accessories, implant template and X-ray guide plate)

**Performance:** Typical Value

**Appearance:** Translucent green liquid

**Bending strength ASTM D790m:** 29.5Mpa

**Bending modulus ASTM D790m:** 962Mpa

**Hardness:** 78



## Light Curing Machine

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Ultraviolet light can be adjusted from 0 to 0~6000Wuv;  
Super energy 0 ~ 2800 MW/cm;

- Energy-saving led light
- Environment-friendly
- Radiation-free
- Anti-UV observation door
- Automatic induction switch



## Ultrasonic Wave Cleaner

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# OTHER DENTAL CONSUMABLES

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# 3D Pro

## 3D Pro Gradient Zirconia

Replicating the layered beauty and strength of nature in zirconia blocks.



## Indications



crown



inlay



onlay



bridge



coping



veneers



planting full crown

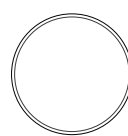


planting abutment

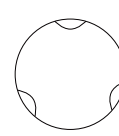
## Performance Parameter

| Colour             | White / Vita colors / BL colors  |
|--------------------|----------------------------------|
| Translucency       | 43%-57%                          |
| Density            | $\geq 6.0\text{g/cm}^3$          |
| Bending Strength   | 650-1200mpa                      |
| Fracture Toughness | $5\text{Mpa}\cdot\text{m}^{1/2}$ |
| Hardness (Hv10)    | 1250                             |

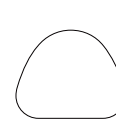
|                     |                                         |
|---------------------|-----------------------------------------|
| Y2O3                | 5.5wt%-9.5wt%                           |
| Al2O3               | 0.05wt%                                 |
| SiO2                | $\leq 0.002\text{wt}\%$                 |
| Fe2O3               | $\leq 0.002\text{wt}\%$                 |
| Aging Properties    | Monoclinic Phase < 25%                  |
| Chemical Solubility | $\leq 2000\text{hg}\cdot\text{cm}^{-2}$ |



98mm



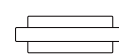
95mm



92x75mm



Sirona System



Other Specifications

• Translucency span • Bending strength span

57%



43%

$\geq 650\text{MPA}$



$\geq 1200\text{MPA}$

# Colored Glaze Paste

- Colorful uniform
- The grain is fine
- It's easy to use
- Low temperature firing
- The application is simple
- Independent research and development
- The process is stable



## Performance Parameter

Zirconia, glass ceramics, porcelain

## Stain/Glaze

### Dentine shade



### Incisal shade



### Pit and fissure shade



### Adjustment shade



### Gingival shade



### Transparent shade



# Glass-Ceramic

Lithium disilicate (LS2) glass-ceramic is ideally suitable for the fabrication of monolithic restorations or veneered restorations in the anterior and posterior region. Due to its natural-looking tooth colouring and excellent light-optical properties, Lithium disilicate produces impressive results.

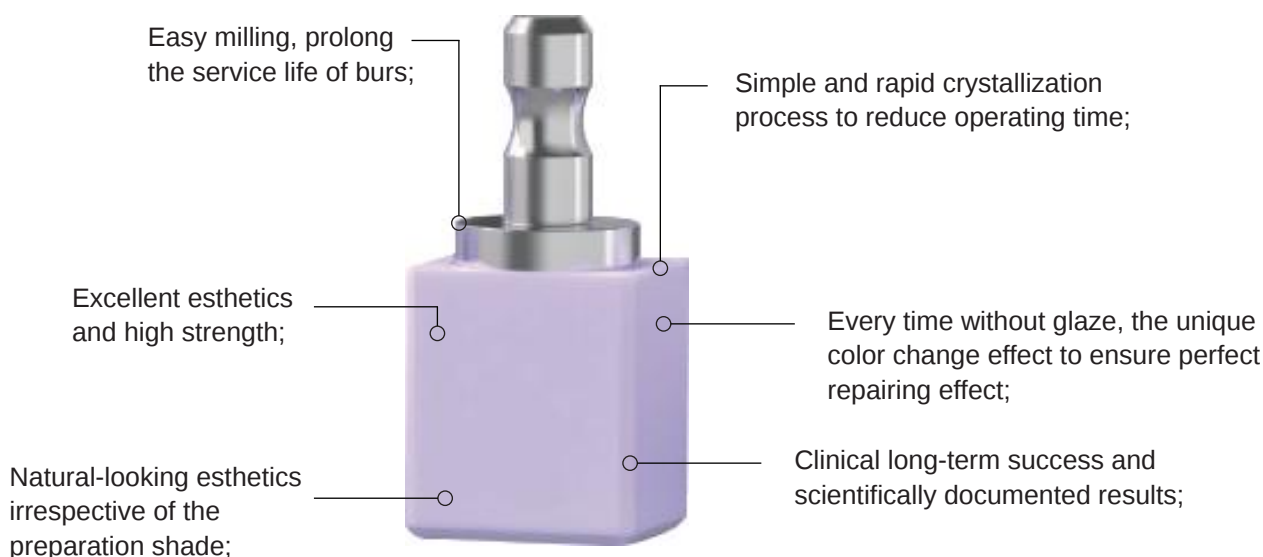


## Specification classification

|                                                                                   |     | Size     | Translucency / Bending Strength  |
|-----------------------------------------------------------------------------------|-----|----------|----------------------------------|
|  | C14 | 18*15*13 | LT(400Mpa;39%)<br>HT(370Mpa;45%) |
|  | B40 | 40*15*15 |                                  |

|    | BL color scheme | A color scheme   | B color scheme | C color scheme | D color scheme |
|----|-----------------|------------------|----------------|----------------|----------------|
| HT | BL1,BL2,BL3,BL4 | A1,A2,A3,A3.5,A4 | B1,B2,B3,B4    | C1,C2,C3,C4    | D2,D3,D4       |
| LT | BL1,BL2,BL3,BL4 | A1,A2,A3,A3.5,A4 | B1,B2,B3,B4    | C1,C2,C3,C4    | D2,D3,D4       |
| MT | BL1,BL2,BL3,BL4 | A1,A2,A3,A3.5,A4 | B1,B2,B3,B4    | C1,C2,C3,C4    | D2,D3,D4       |

## Product Advantages



# PEEK

PEEK is a high-performance polymer that has been used as an implant material in the field of human medicine for over 35 years, and can be applied in oral restoration and dental implantation. Its mechanical material properties are similar to those of bone materials, and it can perfectly blend with bones.



## Performance Parameter

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Density           | 1.32g/cm <sup>3</sup>                                 |
| Bending strength  | 163MPa                                                |
| Module            | four                                                  |
| Stamping strength | 199KJ/m <sup>2</sup>                                  |
| Color             | Regular, white, pink, yellow                          |
| Shrinkage         | 10mm/12mm/14mm/16mm/18mm/<br>20mm/22mm/25mm/26mm/30mm |
| Size              | 98mm / 95mm                                           |

## Indications:



crown



planting abutment



bridge

## Product Characteristics

- Easy to mill
- Optimal shape stability
- Biocompatibility



# Millable Dental PMMA Discs

PMMA discs are 100% high quality resin material for making of crown and bridges which serve as temporary restorations, modules or night-guard.



## Performance Parameter

| Type          | Flexible PMMA, Multilayer PMMA, Normal PMMA                                                                           |
|---------------|-----------------------------------------------------------------------------------------------------------------------|
| Color         | Vita 16 color, BL1-BL4, clear, pink                                                                                   |
| Hardness      | 75-85 ° Shore                                                                                                         |
| Melting point | 240-270℃                                                                                                              |
| Density       | 1:19                                                                                                                  |
| Ash           | 0.032%                                                                                                                |
| Shrinkage     | 0.5%                                                                                                                  |
| Application   | Dental CAD / CAM systems for resin plate, wax mold crown bridge denture prosthesis, temporary crown, night-guard etc. |

| Milling System                       | Dimension       | Type                                        | Color                               |
|--------------------------------------|-----------------|---------------------------------------------|-------------------------------------|
| Open CADCAM milling system           | OD98*10-30mm    | Flexible PMMA, Multilayer PMMA, Normal PMMA | Vita 16 color, BL1-BL4, clear, pink |
| Amann Girrbach CADCAM milling system | 89*71*12mm-25mm | Flexible PMMA, Multilayer PMMA, Normal PMMA | Vita 16 color, BL1-BL4, clear, pink |
| Zirkonzahn CADCAM milling system     | OD95*10mm-25mm  | Flexible PMMA, Multilayer PMMA, Normal PMMA | Vita 16 color, BL1-BL4, clear, pink |



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