

The most professional digital 3D printing solution

Model: 3D printer
Forming technology: DLP projection light-curing technology
Grid modeling volume: 150mm * 85mm * 60mm
Resolution: 1080P

Layer thickness: 50 micrometers
Forming speed: 1 to 6 seconds per layer S
Material: Photosensitive resin
Software: Lesson 3D
File input format: STL, LSC
Input power: 220V, 5A, 50-60Hz
Rated power: 300W
Device dimensions: 550 X 430 X 1050 mm Net weight: 35 kg
Packing weight: 50

Overall machine warranty period: 12 months (excluding spare parts)
Damage caused by human factors is not covered by the warranty.



Application scope | Application Scope



Stability

The US T1 technology light source chip is used to ensure the XY resolution. Configuration Imported industrial modules ensure the Z-axis accuracy.

The operation is simple.

Intelligent one-click layout and printing, enhancing production efficiency;

Data processing

WiFi wireless connection, independently developed dental layout software;

Generalized

Ultra-high detail dental model, heat-resistant and pressure-resistant orthodontic dental model, high strength Transparent guide plates, soft artificial gums... More applications will be launched soon.

Printing efficiency

Print 8 1/4-sized dental restoration molds within 30 minutes.

After-sales service

7x24-hour remote after-sales service, 48-hour on-site handling mechanism.

Pg01

Technical Specifications

Category	Parameters
Model	E230
Light source technology	COB
Screen resolution	13320 * 5120
Formed dimensions	223*126*150mm
Equipment dimensions	400*330*544mm
Net weight	26kg
Precision	±0.03mm
Speed	15 - 45 mm / hour
Touchscreen	7-inch touch screen
Dental machine power	150W
Input voltage	110-220VAC/50/60Hz
System configuration	
Category	Parameters
Data format	stl, ctb, SLC
Data transmission	USB, Ethernet, Wi-Fi
Temperature control	Support
Equipment lifespan statistics support	
The system is open.	Suitable for printing on materials with wavelengths of 365 and 405 micrometers
Auto in parameter setting	Users can set multiple sets of different parameters for printing by themselves.
Exceptional alert	Print error alert
Optional functions	External portable discharge system Automatic feeding function

The most professional digital 3D printing solution



Application scope | Application Scope



7-inch touch screen

The oversized touch screen design makes operation very convenient. 15-degree inclined visual design, enhancing the comfort of the operator.



Printing effect

Precision: 14K resolution, single-point image of 0.0168*0.0248mm
So, ensure the printing accuracy.
The super-large printing range of 223*126*150 ensures efficient printing.
High-precision grinding ball screw, with repeat positioning accuracy of 0.003mm;
Ensure the accuracy of the printing surface.

Light source correction

The COB LED light source has good consistency and reduces dark spots. Using a point light source, through two layers of reflective optics: a lens and a Fresnel lens. By using this method, we can achieve a relatively ideal parallel light.



The most professional digital 3D printing solution



DJ89PLUS Technical Parameters	
Model	DJ89PLUS
Light Source System	405nm Integral Light Source
Printing Size	228*128*100mm
Machine Size	450*290*500mm
Package Size	611*386*666mm
Print Screen	10.3" 8K ultra-clear monochrome screen
XY-axis Accuracy	29μm
Resolution	7680*4320px
Z-axis Type	Dual linear guide rails + ball screw
Max.Print Speed	60mm/h
Sensumables	Removable de model/surgical guide/temporary restoration/temperature resistant resin; other official dentistry supporting special resins, with an open system compatible with more third-party resins.
Print Layer Thickness	0.01-0.1mm
Single Layer Exposure	1-6s/layer
Touch Screen	6-inch capacitive color touch screen
Printing Method	USB/WIFI
Software	Piocrast BOX (Win7/8/10 X64/MacOS)
File Format	cad/ply
Rated Voltage	100-120/200-240V~, 50/60Hz
Rated Power	600W
N.W.	21.75kg
G.W.	26.28kg
Languages	English/Chinese/German/Spanish/French/Italian/Netherlands/Japanese/Korean/Polish/Portugal/Russian/Turkish

3Dscanners

No post-processing time

Ai intelligent re-scan

Quick scan: Efficiency increased by 50%

One-click switch to true-color texture

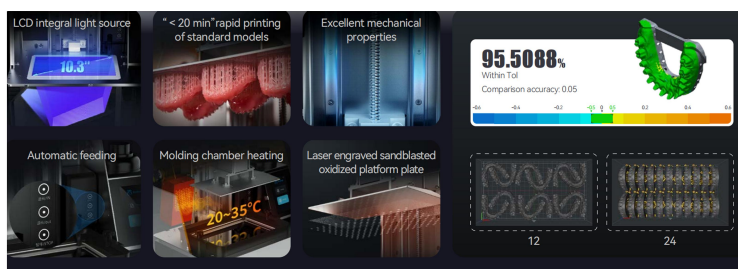
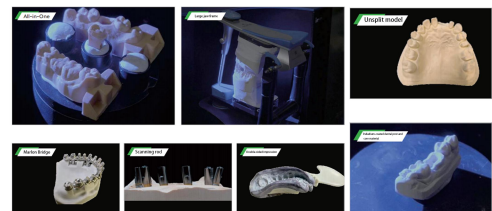
The software is easy to operate and allows for free switching of the scanning process.

Leading industry with extremely large scanning range

Ai Planting Sealing Hole Technology

Parameter configuration

Equipment size: 393mm * 271mm * 274mm scanning time
Mastication: 1 second; Single jaw: 8.5 seconds; Impression: 18 seconds; Model:
1-4 teeth: 12 seconds, 5-8 teeth: 15 seconds. Equipment weight:
96g camera with a resolution of 24V 2*1.4 MP
texture scanning
Power supply



Pg03

Digital Occlusal Restoration Supreme Combination



Pg13

Digital Occlusal Restoration Supreme Combination



Pg14

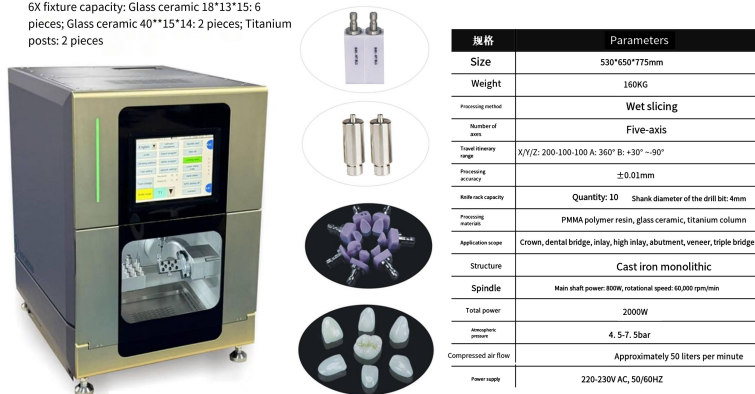
Five-axis dental dry milling machine 5X



Capacity of 65 fixtures for the three-fifth axis dental wet cutting and milling machine: Glass ceramic 18*13*15: 8 pieces; Glass ceramic 40*15*14: 2 pieces; Titanium posts: 8 pieces



Five-axis dental wet cutting and milling machine
6X fixture capacity: Glass ceramic 18*13*15: 6 pieces; Glass ceramic 40*15*14: 2 pieces; Titanium posts: 2 pieces



Vacuum Cleaner



Four-axis dental wet cutting and milling machine 6V fixture capacity: Glass ceramic 18°13°15: 4 pieces; Glass ceramic 40°15°14: 2 pieces; Titanium posts: 4 pieces

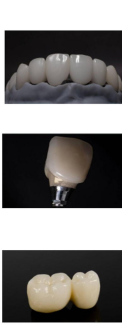


Specification	Parameters
Size	530*650*775mm
Weight	204KG
Processing method	Wet slicing
Number of axes	Four-axis
Travel itinerary range	X/Y/Z: 190-96-99 A: 360°
Processing accuracy	±0.01mm mm
Knife rack capacity	Quantity: 13 Shank diameter of the drill bit: 4mm
Processing materials	PMMA polymer resin, glass ceramic, titanium column
Application scope	Crown, dental bridge, inlay, high inlay, abutment, veneer, triple bridge
Structure	Cast iron monolithic
Spindle	Main shaft power: 800W, rotational speed: 60,000 rpm/min
Total power	2000W
Atmospheric pressure	4.5-7.5bar
Compressed air flow power supply	Approximately 50 liters per minute 220-230V AC, 50/60HZ

Pg17

Five-axis dental dry-wet cutting and milling machine 5E fixture capacity: Glass ceramic 18°13°15: 6 pieces; Disc fixture: 1 piece

Titanium columns: 3 pieces



Specification	Parameters
Size	650*530*1550mm
Weight	285KG
Processing method	Dry slicing, wet slicing
Number of axes	Five-axis
Travel itinerary range	X/Y/Z: 190-96-99 A: 360° B: ±30° ~ 90°
Processing accuracy	±0.01mm
Knife rack capacity	Quantity: 21 Handle diameter of the needle: 6mm
Processed materials	Dry processing materials: Zirconium oxide, wax wet processing materials: PMMA, PEEK, glass ceramic, titanium columns, titanium plates, acrylic, cobalt chromium
Material size	The processing dimensions of zirconia, wax discs, PMMA, PEEK, and titanium discs are all 98mm in diameter and 10-25mm in thickness, including round dental crowns, bridge teeth, inlays, high inlays, abutments, veneers, sleeve crowns, model plates, casting models, occlusal splints, porcelain implants, porcelain implant rods and clasps, drilling guides, occlusal screw teeth bridges, lower anterior protrusion plates, threaded bases (both internal and external threads can be made), corner abutments, supports, and removable full mouth prostheses.
Application scope	
Structure	Cast iron monolithic
Spindle	Main shaft power: 2.5KW, rotational speed: 60,000 rpm/min
Total power	3.2KW
Atmospheric pressure	4.5-7.5bar
Compressed air flow	Approximately 50 liters per minute
Spray volume	1500L/h
Power supply	220-230V AC, 50/60HZ

18

Quick scan

The speed reaches 30 frames per second, enhancing the efficiency of the chairside operation.

High precision

The accuracy of the dental arch is ≤ 0.01mm, and the data is true and clear.

Wide depth of field

The scanning depth is less than 25mm, which enhances the scanning efficiency and is applicable to various clinical scenarios.

More intelligent

The automatic anti-fog technology uses this technology to maintain a clear and uninterrupted view, ensuring consistent performance for each scan.

More comfortable

The overall weight of the machine is as low as 198 grams. The lightweight and compact design minimizes operator fatigue and ensures comfort during prolonged use.



handheld scanner, quick scanning and easy to operate.

20-25 Ultra-wide Depth of Field

More than 30 frames per second intelligent heating anti-fog function

12-16mm extremely low entry height



Parameter configuration

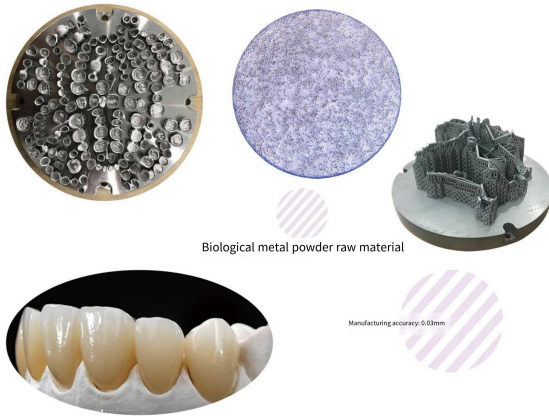
Scanning area	Standard size: 16°15mm
	Mini size: 12°10mm
Size	245mm * 40mm * 38mm
Scan depth	0 - 25mm
Weight	198g
Scanned frame	More than 30 frames per second
Power supply	12VDC
Interface	USB 3.0
Precision	10 m(ISO12836)
Output format	STL、PLY、OBJ

Pg19

Cobalt-chromium alloy powder



Biological laser porcelain teeth are produced using fully computerized design and manufacturing technology. The digital 3D model of the teeth designed by the computer is divided into layers as thin as 0.03mm. Then, a high-power laser with a diameter of approximately 0.03mm is used to melt the biological metal powder according to the precise layered digital 3D model. Through rapid cooling and layer-by-layer accumulation, a more precise, safer and more reliable digital metal denture restoration is ultimately formed.



Biological metal powder raw material

Manufacturing accuracy: 0.03mm

The metal structure is uniform, and the bonding strength between the metal and porcelain is even more outstanding

Pg23

Dental laser selective melting of cobalt-chromium alloy powder



Powder composition (%) chemical composition

Titanium (Ti)	Bal.
Aluminum (Al)	6.0
Vanadium (V)	4.0
Iron (Fe)	0.25
Oxygen (O)	0.13
Nitrogen (N)	0.03
Hydrogen (H)	0.008
Carbon (C)	0.08

Physical properties of cobalt-chromium alloy powder	
Hardness (HV 10)	300
Strain (%)	10
Tensile strength (MPa)	525
0.2% elastic limit (MPa)	375
Elastic modulus (GPa)	210
Compressive strength (MPa)	<2100
Expansion coefficient (10 ⁻⁶ /K)	14.1-14.3
Density (g/cm ³)	8.4



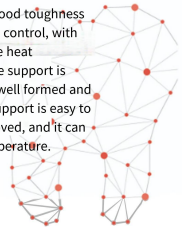
Cobalt-chromium alloy powder (crowns, bridges)



Cobalt-chromium alloy powder (support)

- ▶ No chipping, no cracking of the porcelain
- ▶ Precise granularity control
- ▶ Ultra-high utilization rate
- ▶ Easy production process with a short flow.

- ▶ The support clasp has good toughness and precise particle size control, with high utilization rate. The heat treatment process of the support is mature. The product is well formed and easy to produce. The support is easy to be supported and removed, and it can be annealed at low temperature.



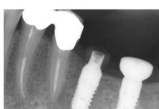
Future Medicine - PEEK Polymer Materials

The Bio-HPP material features excellent toughness, good intrinsic ductility, high flexural strength, and an average fracture resistance of 1200 Newtons. The maximum chewing force in the human mouth is 500 Newtons, which fully meets the clinical application requirements. The Bio-HPP material has an exceptionally excellent elastic modulus (approximately 4000 megapascals), similar to the force-bearing structure of bone, which can effectively buffer and distribute the biting impact force.



The density of BIO-HPP material is 1.48 grams per cubic centimeter. It is approximately one fifth of the density of cobalt-chromium metal and about one third of that of pure titanium. For long bridge fixed prostheses, it is both lightweight and has excellent elasticity and ductility, making it the best material for dental implant frameworks!

BioHpp exhibits excellent biocompatibility, with no side effects, no cytotoxicity, no mutagenicity, no carcinogenicity, and does not cause allergies.



BioHpp has X-ray penetration capability. Nuclear magnetic resonance CT has no effect on it and there are no artifacts. It enables very convenient examinations of various parts of the human body.

Pg25

Future Medicine - PEEK Polymer Materials

Hpp single crown



Hpp implant abutment



Hpp Socket Crown



HPP is the strongest non-metallic material in the dental field.



HPP Activity Base Kit



HPP base restoration system



Hpp Planting Bridge



Pg26

3D Pro ZIRCONIA BLOCK/氧化锆瓷块

● 适应症 INDICATIONS

嵌体
Inlay

高嵌体
Onlay

牙冠
Crown

贴面
Veneer

牙桥
Bridge

● 功能亮点 FEATURE HIGHLIGHTS

- 6层色彩
Six-layer color gradation
- 自然美观，生物相容性好
Natural aesthetics and excellent biocompatibility
- 高透光度和渐变色泽
High translucent and gradient
- 适用于贴面、嵌体、高嵌体、牙冠和牙桥
Suitable for veneer, inlay, onlay, crown and bridge

● 3D Pro 的物理特性
3D Pro PHYSICAL CHARACTERISTICS

透光度
Translucency: 43%-48%

强度
Strength: 700—1100 MPa

4D Pro ZIRCONIA BLOCK/氧化锆瓷块

● 适应症 INDICATIONS

贴面
veneer

牙冠
Crown

种植体
Implant

牙桥
Bridge

● 功能亮点 FEATURE HIGHLIGHTS

- 7层色彩
Seven-layer color gradation
- 自然美观，生物相容性好
Natural aesthetics, and biocompatibility
- 高透光度和渐变色泽
Ultra translucent and gradient
- 适用于耐用的牙冠、牙桥和种植体
Suitable for durable crown, bridge, and implant

● 4D Pro 的物理特性
4D Pro PHYSICAL CHARACTERISTICS

透光度
Translucency: 44%-49%

强度
Strength: 600—1000 MPa

HT/HT-C ZIRCONIA BLOCK/氧化锆瓷块

● 适应症 INDICATIONS

嵌体
Inlay

高嵌体
Onlay

牙冠
Crown

种植体
Implant

牙桥
Bridge

● 功能亮点 FEATURE HIGHLIGHTS

- 高透光性
High translucent
- 优异的抗弯强度和性价比
Brilliant bending strength and cost-effectiveness
- 适用于后牙固定桥、嵌体、高嵌体、全冠、全牙弓桥体及种植修复
Suitable for posterior bridge, inlay, onlay, full crown, full arch bridge, and implant restorations

● HT/HT-C 物理特性
HT/HT-C PHYSICAL CHARACTERISTICS

透光度
Translucency: 41%

强度
Strength: ≥1200 MPa

ST/ST-C/ST-ML ZIRCONIA BLOCK/氧化锆瓷块

● 适应症 INDICATIONS

嵌体
Inlay

高嵌体
Onlay

牙冠
Crown

种植体
Implant

牙桥
Bridge

● 功能亮点 FEATURE HIGHLIGHTS

- 超高透光性
Super translucent
- 卓越的抗弯强度和性价比
Excellent bending strength and cost-effectiveness
- 适用于牙桥、嵌体、高嵌体、全冠、全牙弓桥体、种植体
Suitable for posterior bridge, inlay, onlay, full crown, full arch crown bridge, implant

ST/ST-C/ST-ML 物理特性
ST/ST-C/ST-ML PHYSICAL CHARACTERISTICS

透光度
Translucency: 43%

强度
Strength: ≥1100 MPa

UT/UT-C/UT-ML ZIRCONIA BLOCK/氧化锆瓷块

● 适应症 INDICATIONS

嵌体
Inlay

高嵌体
Onlay

牙冠
Crown

贴面
Veneer

牙桥
Bridge

● 功能亮点 FEATURE HIGHLIGHTS

- 超透光性
Ultra translucent
- 美观自然，外观更贴近天然牙齿
Beautiful and natural, with an appearance closer to natural teeth
- 适用于牙桥、嵌体、高嵌体、全冠及种植修复
Suitable for bridge, inlay, onlay, full crown and veneer

● UT/UT-C/UT-ML 物理特性
UT/UT-C/UT-ML PHYSICAL CHARACTERISTICS

透光度
Translucency: 49%

强度
Strength: ≥600 MPa



Color

HT 18-15-13	A1 A2 A3 A3.5 B1 B2 B3 C1 C2 D2 BL1 BL2 BL3 BL4
LT 18-15-13	A1 A2 A3 A3.5 B1 B2 B3 C1 C2 C3 D2 D3 BL1 BL2 BL3 BL4
HT 32-14-14	A1 A2 A3 A1
LT 32-14-14	A2 A3
HT 40-15-15	A1 A2 A3 B1 BL1 BL2 BL3 BL4 A1 A2
LT 40-15-15	A3 B1 BL1 BL2 BL3 BL4

Scope of Application

Put on fangs

Wedge / Shouldered / Experience Directly Attached

Anterior tooth crown

Posterior single crown

Physical properties

Density (after sintering)	2.7-2.7g/cm
Coefficient of thermal expansion (25 - 500°C)	(10.5x10) x10 c
Vickers hardness	5400-400MPa
Chemical solubility after sintering	<100 m g/cm?
Humidity control	840-850℃C



Rosetta[®] SM

All-ceramic material specifically for dental restoration

Specific for dental CAD/CAM systems

Lithium disilicate glass ceramic



A simple and safe choice



After the die-casting process was completed, very little residue was left on the surface of Rosetta SP.

The reaction layer, thus enabling the implementation of a simple and safe process.

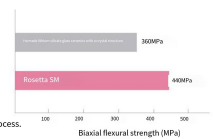
Restore indications

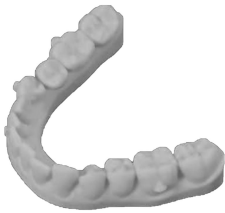
	Inlay		Single crown for the anterior teeth, single crown for the posterior teeth
	High inlay		
	Porcelain veneer		Three unit bridge crowns

CAD/CAM digital consumables



High compatibility
Innovative and cutting-edge - 098 Disk (Porcelain Disk)





Resin properties (after curing)

hardness	ASTM D 2240	85-90	Shore D
flexural modulus	ASTM D 790	1400-1800	MPa
bending strength	ASTM D 790	70-90	MPa
tensile modulus	ASTM D 638	600-1000	MPa
tensile strength	ASTM D 638	40-60	MPa
Fracture elongation rate	ASTM D 638	10-15	%
notch impact strength	ASTM D 256	40-50	J/m
distortion temperature	ASTM D648 @66PSI	75-85	°C

Resin properties (after curing)

hardness	ASTM D 2240	30-50	Shore A
flexural modulus	ASTM D 790	/	MPa
bending strength	ASTM D 790	/	MPa
tensile modulus	ASTM D 412	/	MPa
tensile strength	ASTM D 412	8-15	MPa
Fracture elongation rate	ASTM D 412	300-400	%
tear strength	ASTM D 624	12-18	kN/m
notch impact strength	ASTM D 256	/	J/m
distortion temperature	ASTM D648 @66PSI	/	°C



Resin properties (after curing)

hardness	ASTM D 2240	85-90	Shore D
flexural modulus	ASTM D 790	1400-1800	MPa
bending strength	ASTM D 790	70-90	MPa
tensile modulus	ASTM D 638	600-1000	MPa
tensile strength	ASTM D 638	40-60	MPa
Fracture elongation rate	ASTM D 638	10-15	%
notch impact strength	ASTM D 256	40-50	J/m
distortion temperature	ASTM D648 @66PSI	75-85	°C

Resin properties (after curing)

hardness	ASTM D 2240	85-90	Shore D
flexural modulus	ASTM D 790	2000-3000	MPa
bending strength	ASTM D 790	100-140	MPa
tensile modulus	ASTM D 638	1100-1500	MPa
tensile strength	ASTM D 638	65-85	MPa
Fracture elongation rate	ASTM D 638	10-15	%
notch impact strength	ASTM D 256	75-85	J/m
distortion temperature	ASTM D648 @66PSI	80-90	°C
water absorption	ASTM D570	<1.5	%



Resin properties (after curing)

hardness	ASTM D 2240	85-90	Shore D
flexural modulus	ASTM D 790	1400-1800	MPa
bending strength	ASTM D 790	70-90	MPa
tensile modulus	ASTM D 638	600-1000	MPa
tensile strength	ASTM D 638	40-60	MPa
Fracture elongation rate	ASTM D 638	10-15	%
notch impact strength	ASTM D 256	40-50	J/m
distortion temperature	ASTM D648 @66PSI	75-85	°C

Resin properties (after curing)

hardness	ASTM D 2240	85-90	Shore D
flexural modulus	ASTM D 790	1400-1800	MPa
bending strength	ASTM D 790	70-90	MPa
tensile modulus	ASTM D 638	600-1000	MPa
tensile strength	ASTM D 638	40-60	MPa
Fracture elongation rate	ASTM D 638	10-15	%
notch impact strength	ASTM D 256	40-50	J/m
distortion temperature	ASTM D648 @66PSI	75-85	°C

CAD/CAM Digital consumables

Advantages of Pure Titanium in Dentistry

- The uniform microstructure, including the microcrystalline structure and high density, ensures the high precision of the cutting crown bridge at all parts. The uniform performance also keeps the crown bridge free from cutting defects.
- The hardness is moderate, which reduces the wear of the abutment and improves the processing efficiency.
- High purity and low impurities.
- The gold-ceramic bonds strongly, it can be compatible with common titanium ceramic powders.
- Low heat conduction, low density, improved the wearing comfort of the patient's prosthetic devices.
- High biocompatibility.
- Corrosion-resistant, wear-resistant, and at the same time, the liquid does not wear and does not affect the adjacent teeth.

Dental casting titanium block



CAD/CAM Pure titanium cutting disc
Suitable for CAD/CAM engraving of dental crown and bridge restorations



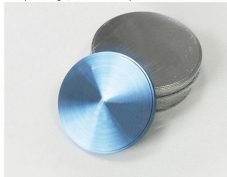
CAD/CAM Pure titanium cutting disc
Suitable for CAD/CAM engraving of dental crown and bridge restorations



CAD/CAM Inferred titanium alloy disc
Suitable for CAD/CAM engraving of personalized abutments for dentures



CAD/CAM Cutting tool titanium alloy disc
Suitable for carving personalized abutments for dentures, implant bridges, and rods and clasps

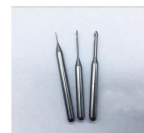


Advantages of dental titanium-based alloys

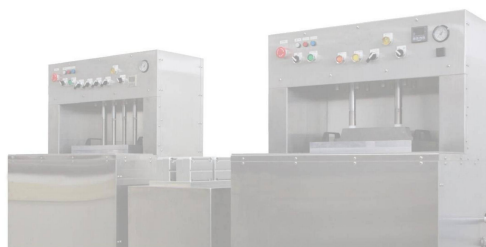
- Medium intensity and hardness, reducing the amount of grinding work and improving processing efficiency;
- Better biocompatibility;
- The components are evenly distributed, and the consistency of the main elements across different batches is as high as 99.7%.
- The impurity elements such as H and Si ensure the achievement of double zero-level.
- No cutting defects, double inspection by ultrasonic and X-ray methods;
- Microstructure microcrystalline ultra-grade A;
- Low heat conductivity, high strength and low density, and more comfortable to wear;
- Damage tolerance design makes the abutment and the support more reliable and has a longer fatigue life.
- The crown bridge has no residual stress, offers higher processing accuracy, and provides a more comfortable wearing experience.

Pg33

CAD/CAM Digital consumables



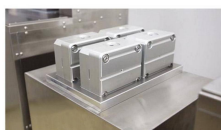
Pg34



Equipment Features and Advantages

- Japanese original imported equipment, featuring the world leading impression casting technology.
- The operation is simple, significantly enhancing work efficiency and reducing labor costs.
- The entire process does not require opening the box, ensuring product accuracy and perfectly reproducing the model state.

Compared with the advantages of the traditional gel-filling process



Four type boxes make up one set. The operation is carried out in a continuous flow among the three equipment modules. No unpacking required throughout the process, significantly enhancing work efficiency



Can meet the needs of complete dentures, partial dentures, and orthodontic treatments. Including various complex scenarios such as planting.



The workpiece has no waste edges, its surface is easy to polish, and there is less gypsum residue. It precisely restores the original state of the model.



The entire process is designed in a modular manner, with the program automatically controlling the operation. This results in a cleaner operation procedure, reducing the need for manual labor and management expenses.

Pg35

The PPDS injection molding system can meet the requirements for large-scale production of denture bases. The equipment has no special requirements for the site. The equipment needs to be equipped with 0.8-0.9 MPa pressure gas, soft water and 220V AC power supply.

Simple operation procedure

Standardized operation procedures ensure stable product quality.

Through professional training, one can master the operation techniques within a short period of time. After reaching full production capacity, on average, at least 10 mold boxes can be injected per hour. According to the specific requirements, it can meet the large-scale production needs of the processing.



1. Preparation and embedding.



2. Dewaxing operation.



3. Separation agent operation.



4. Injection molding operation.

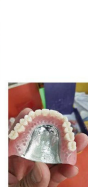


5. Consolidation operation.



6. Unboxing operation.

Opening box display of workpieces



Pg36

Technician silicone rubber



Silicone rubber replication material

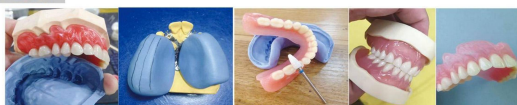
Product Attributes:

Gelation 1:1

Product Usage:

Gel injection molding molds, for technicians to make duplicate molds, precision molds or for other purposes.

Product Case:



Product Features:

The curing time of the copolymer silicone rubber can be adjusted at will according to the ratio of A and B. The operation is convenient, the mixing ratio is easy to control, and the mixture is more uniform. During the curing process, no negative by-products are discharged, truly achieving zero shrinkage and zero deformation, with high precision. The finished products made with this material have clear patterns, smooth surfaces, no deformation, no increase in bite height, no extra waste edges. There is no odor. Long-term operation does not hurt the hands, and it is of medical grade.

Silicone rubber core raw material:



Platinum.pt

Advantages of Adding Platinum:

Health: Safe and non-toxic, long-term exposure is harmless to the human body.
Performance: The product has high precision and the finished products produced are more detailed and perfect.



Personalized impression resin



Artificial Gum



Ultra Precision Grinding Machine

- 1 Magnetic detection lamp
- 2 Magnetic switch
- 3 Motor speed adjustment device
- 4 Motor forward/reverse switch
- 5 Motor switch
- 6 Base
- 7 Rotating arm locking screw
- 8 Motor and connector locking screw
- 9 Vertical adjustment down locking screw
- 10 Operating indicator
- 11 Balanced spring
- 12 Motor cables
- 13 Main switch-operates the main shaft control lever
- 14 An insurance box with voltage selection
- 15 Magnetic disk
- 16 Highly fixed
- 17 Model fixing screw
- 18 Central Ring
- 19 Inclined angle fixed screw MT3 model
- 20 Stand
- 21 Height adjustment fixing screws
- 22 AF350 adjustable adapter cable
- 23 Spindle
- 24 And also
- 25 LED lamp
- 26 Electrical appliance connection socket
- 27 Left/Right Operation Indicator
- 28 Foot-operated switch socket
- 29 Motor



Base (front)

The AF350 sealing upgrade kit, which features adjustable sealing and measurement angles, is delivered with: sealing device identifier adapter cable, and adjustable mechanism.



Blocking device



Identifier



Adapter electric cord, adjustable

Grinding Machine

Technical Parameters:

L/W/H: 340 x 250 x 450 mm
Weight: 15 kg
Electrical connection: 100/115/230V, 50/60 Hz
Foot control connection: Plug connection
Switch
Closed connection: 24V
Fuse: T1A
Motor: 1,500 to 40,000 rpm
Power: 125 W
Torque: 7.5 Nm
Collet: 2.35 mm

Packing List:

Order No.: AF350
177605
Includes vertical adjustment
1 Milling arm,
includes motor component
1 Collet Ø 2.35 mm
1 Model table MT3
Halogen lamp
1 Dust cover

Components/Separate Accessories:

Order No.: 177998
Locking upgrade kit
AF350 adjustable * 3 pieces (Latest version see title page photo)
177995 Upgrade kit AF350 4 pieces
177994 Adjustable adapter cable
177800 Marker
177661 W&H snap ring component
873001 Milling introductory kit
*Locking kit 177980, adjustable adapter cable AF350/177994, marker stick 177800

- Model: YM-2 PLUS
Grinding speed: 1000 - 50000 rpm Power: 60 watts
- Revolving accuracy: < 0.015mm Maximum torque: 8 N/cm

进口
滑轨

LED
HIGH END
灯珠

动力
强劲

方便
快捷

电磁
吸盘

寿命
持久



Sintering Furnace



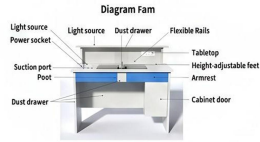
Specification	Parameters
Temperature control accuracy	±1°C
Touchscreen	7-inch high-definition true color
Size, rated power	< 2K
Number of programs	20 items
Number and model of heating rods	Four 1850-type high-purity silicon molybdenum rods/silicon carbide rods
Sensor type	B/R type double platinum-rhodium
Maximum temperature	1600°C
Operating temperature	< 1550°C
Heating rate	0 - 30 degrees per minute (0 - 500 degrees) 0 - 20 degrees per minute (500 - 1200 degrees) 0 - 12 degrees per minute (1200 - 1530 degrees)
Furnace size	Ø130mm * 130mm
Dimensions (of the shape)	590*365*760mm
Equipment weight	50KG



Economical Flexible Customization



Multi-color Optional Flexible Rails



Infrared Adjustable Heating / 3.5bar Pressure Adjustable



Product Information



Product Name & Model		Positive Pressure Molding Machine (Air Source) QY-2
Power Voltage	220V~50/60 Hz	✓
Output Voltage	24V	✓
Rated Power	800W	✓
Fuse Model	F6(6A)	✓
Infrared Constant Heating Temperature	220°C	✓
Working Air Pressure	0-5bar	Reaches 5Bar in ~2s
External Air Source	/	✓
Dimensions (LxWxH)	/	372x230x223mm
Weight	/	14.1KGS



Product Name		Pressure Air Source) QY-2
Product Name	220V~50/60 Hz	✓
Power Voltage	24V	✓
Rated Power	800W	✓
Fuse Model	F6(6A)	✓
Infrared Constant Heating	220°C	✓
Air Pressure	0-5bar	Reaches 5Bar
Air Source	/	✓
Size (LxWxH)	/	372x230x223mm
Weight	/	14.1KGS



Exquisite Craftsmanship Product Parameters

Model: XF-3	Noise: 60dB	Power: 360W
Air Volume: 1800L/MIN	Pressure: 11.5KPA	Outlet Diameter: 51MM
Standard Pipe Length: 2M	Dimensions: 452*262*430MM	



- Precision Powder-Liquid Ratioing Machine is an automated device for precise mixing of all water and plaster powder or investment liquid and investment powder, completely avoiding the tedious process of using weighing cups and errors caused by human factors.
- Name: Powder-Liquid Ratioing Machine Model: PL-1
- Power: 360W Liquid Speed: 100ML/5S Powder Speed: 300G/15S Voltage: 110-230V Dimensions: 232*154*128CM
- Frequency: 50/60HZ

RUI-SI-TE

Double-Station Dental Workbench 1.8m



Gypsum oscillator



Cement finishing machine



Gypsum sawing band machine



Silent vacuum cleaner



Silent brushless vacuum cleaner



Vacuum mixer



Lingual internal grinding machine



Fully automatic laser engraving and drilling machine for plastic sheets



Nail gun



Steam cleaning machine



Double-slot electrolyzer



Eight-slot electrolyzer machine



Grinding machine with internal teeth



Single/Double nozzle sandblasting machine



Single-piece low-profile sandblasting machine



Single/Double Pen Electric Waxing Tool



Precision wax model observation instrument



MT3
Wet-type gypsum finishing machine

Silicon carbide grinding discs

Including local diamond-coated sectors of the marathon specimen

The practical tilt device (90°/98°) enables the angle of the polishing machine to be quickly adjusted. Safety: When the front door is open, the safety switch will stop the motor rotation and water supply. The spray pipe is evenly distributed for optimal coverage, preventing gypsum from blocking the polishing grinding wheel. 100% corrosion-free shell. 1300W motor, can quickly polish the model without pressing. High rotational torque, can work continuously under high thrust. Special pipe design ensures no water splashing.



MT plus
Dual purpose multi-functional redib/turning machine for dry and wet use

Wet carbide-grinding discs

Including local diamond-coated sections of the marathon specimen

The front door can be easily disassembled without the need for tools, making maintenance simple and quick. The detachable grinding machine and water spray pipe can be disassembled and repaired, and cleaning is also straightforward. The inside grinding, scratch-resistant and corrosion-resistant shell is made of special fine material (polyurethane). The pure power motor with 1300W is capable of easily grinding the hardest gypsum. The high-speed rotating center can work continuously under high thrust. The special pipe design ensures no water splashing.



Millo Pro Tooth Arch Shaping Machine

The powerful and maintenance-free motor can quickly and easily reshape the dental arch. The grinding head of the Millo pro dental arch shaping machine can be adjusted in height, allowing for the easy shaping of different tooth areas. The non-self-switching vacuum cleaner can be directly connected to the Millo pro dental arch shaping machine. Use the vacuum cleaner. Save 65% of your time and costs.



Top spin positioning nail machine

The unique bearing technology ensures a drilling accuracy of 0.01 millimeters. The powerful motor can drill with a rotational speed of 8000 rpm without sacrificing performance. The unique drilling technology makes drilling extremely easy and without resistance. Two independent adjustable working positions conform to ergonomic working postures. The detachable dust collection box is convenient for cleaning.



Basic Master Professional Precision Sandblasting Machine with 2 sand tanks. Precision sandblasting machine model number: 2948202504. 1 x 25-70um, 1 x 70-250um. 2 x 70-250um.

The special mixing bin technology (Fincurt principle) is used for precise sandblasting. The large volume of the sandblasting bin allows for the widest range of free movement. The ventilation design inside the sandblasting bin ensures optimal ventilation and clear vision (perfect vision concept).



Basic Classic Basic-level Precision Sandblasting Equipment - Precision sandblasting machine with 1-2 sand tanks. Model number: 2947202504. 1 x 25-70um, 1 x 70-250um. 2 x 70-250um.

The special mixing bin technology (Fincurt principle) is used for precise sandblasting. No tool assistance is required to install the sand tank. The sand tank selection switch is built into the sandblasting bin, ensuring efficient operation.



Basic eco economic type sandblasting machine with 1-2 sand tanks. Precision sandblasting machine

The innovative LED lights with large glass panels offer a wide field of vision. The crystallization of years of experience in dental sandblasting technology ensures reliability of the procedure. It is the best choice for small clinics. The special mixing chamber technology (Fincurt principle) is used for precise sandblasting.



Vario E Waxing Machine Model

The preheating function saves 30% of the time. There are 3 independently controlled wax tanks, with multi-functional features. The temperature setting range is 45 - 110°C (113 - 230°F), and the consistency of the wax can be independently adjusted (from thick to thin).



Hotty LED Waxing Machine Model

Quick and continuous heating. Precise effect: Stable temperature conduction and the function of constant compensation for the lowest temperature fluctuation ensure uniform crown thickness. The buttons can precisely set the temperature (even within one degree). The temperature setting range is 60 - 110°C (140 - 230°F).



Waxprofi Wax immersion machine

The preheating function saves 50% of the time. The temperature setting range is 45 - 110°C (113 - 230°F), and the consistency of the wax can be independently set (from thick to thin). The large-capacity wax tank (130 milliliters / 3.175 ounces) (Company), no need to continuously add wax during operation.



SILENT TS
Silent vacuum cleaner
Two workbench vacuum cleaners

Vacuum cleaner bag

The innovative motor technology has extended the service life by three times (compared to the traditional one). Collector-type motor > 1000 operation collector motor compared with. High volumetric flow rate (3300 liters/minute), protecting you from harmful dust for hours impact. The intelligent switch function controlled by the machine is easy to operate.



SILENT compactCAM Compact Silent CAM-specific vacuum cleaner connected to the CAM system vacuum cleaner

No bag

The bagless fine filter technology, including mechanical filter, collection type motor cleaning function. The SPS interface design enables two-way control of vacuum cleaners and >1000 operation-hour CAM equipment, ensuring safe operation.



The basic package includes the Eurohigh professional wax modeling machine models 1, 3, and 4. The basic package also comes with 35.5 cm anti-rust forceps, "working small brush", multi-functional tools with blades, 13 cm stone blue base, 16 cm wax knife, small wax knife, snap-type line and long pipe wrench, pointed wrench, hot scissors, forceps, standard calipers.

35.5 cm anti-rust forceps, marker pen, work brush, small wax knife, Oka professional wax model maker No. 1, No. 3, No. 4, multi-functional tool with blade, Oka professional resin shaping set (3 pieces), Takashin brush No. 4, No. 6, large wax knife 35 cm welding forceps, snap-type thin and long pipe wrench, bending tourmaline, 23 cm plate knife, standard caliper, sharp clamp, hot scissors.



2HA-07 Fully Automatic Sand Blasting Machine



2HA-13 Handheld Sand Blasting Machine



Vacuum cleaner



2HA-5 Mofu Furnace



2HA-4 Grease Removal and Gelatinization Machine



Medical packaging film sealing machine



Spherical internal grinding mill



Laser nail implant machine



Vacuum forming machine



Cement finishing machine



Powerful oscillator (large amplitude oscillation)



Power oscillator (small square oscillator)



Workshop safety platform



Disc oscillator



Centrifuge

Small device



Riest brushless grinding machine



Carbon-free brush grinding machine



Shiyang Grinding Machine



Shixin Grinding Machine



Red Bull grinding machine



Korean waxing sensor



Taiwanese waxing sensor



Domestic wax knife sensor



Korean four-slot wax melting device



Three-slot wax melting device



Four-slot wax melting device



Single-slot wax immersion device

Small equipment



Ultrasonic cleaning machine



Microscope



Single-layer press machine



Double-layer press machine



Double-layer double-tank press machine



Agar plate



Copper and Zinc Toothpaste Box



Color palette



Double-tube gas lamp



Single-tube gas lamp



Single-tube gas lamp

Porcelain powder



Fuleros Porcelain Powder - Porcelain Fused with Metal



Fuleros Porcelain Powder - OP Blush Powder



Fuleros Ceramic Powder - Zirconium Oxide



Fleurite glaze powder and glaze liquid



VT porcelain powder - porcelain-fused-to-metal



VT OP Powder - Porcelain Fused To Metal



VT porcelain powder - zirconia all-ceramic

Porcelain powder



Sengfeng porcelain powder



Yiguojia porcelain powder



Cast ceramic block



VT 16-color - 26-color color chart



VT glass glaze powder



VT OP Solution Diluent



VT OP Powder Special Solution



Dentsply glaze powder, Himelee glaze solution



Then, porcelain for the teeth gums



Bidanjin ceramic bonding agent



Porcelain-bonding agent



3C porcelain-fused-to-metal bonding agent

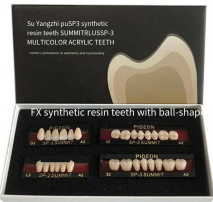
Medical device product filing certificate / product technical requirements number:
Medical Device Filing Certificate No. 20222508; Medical device production filing cer-
tificate number: Luji Pharmaceutical Supervision and Administration Department Medical
Production Filing Certificate No. 20220072; Filing person / manufacturer / after-sale
unit: Jhan Shengda Medical Technology Co., Ltd.; Filing person's residence / after-
service unit's address: Jhan Shengda Medical Technology Co., Ltd.; Production ad-
dress: Jidong Avenue, Tianjin District, Jinan City, Shandong Province; After-sales service
number: 0531 88633831; Preparation date of the instruction manual: March 7, 2025.

Synthetic resin teeth

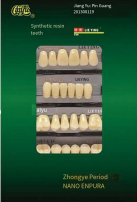


Bejon synthesized the "branch tooth - lacquer"

Bejon Synthetic Resin Dentures - Maruli



Beijing Plastic Dentures - Sammet



Caiyu Synthetic Resin Tooth - Falcon



Yuyi resin teeth



Yuyi resin teeth



Yuyi resin teeth

Synthetic resin teeth



Sengfeng Steel Plastic Dentures - 1



Sengfeng Steel Plastic Dentures - 2



Sengfeng Steel Plastic Dentures - 3



Eight-shaped plastic teeth



Eight-shaped plastic teeth



YUWEI Synthetic Resin Dentures - Regular Type



YUWEI Synthetic Resin Denture - Gold and Stone



YUWEI Synthetic Resin Tooth - Gemstone

Wax model material (Renfu Aesthetic Wax)



Classic wax - Hard type



Pioneer Premium Universal Wax - Medium Hard



Natural color wax, hard type



White wax, hard texture



Concave wax and neck wax - soft to medium hardness



Super-hard



General wax - medium-hard type



Soft to medium-hard neck wax and concave wax

With Renfu wax products, your work will become much easier.

Best waxing performance

2. High quality

3. Work in coordination with electronic waxing tools and open flames

4. Extremely low contraction makes 5. Each requirement offers a wide range of options.

work much easier!



Wax Set

Production of full form, diagnostic and aesthetic wax models



Renfu Yellow Wax Grains



98 # 10	98 # 18
98 # 12	98 # 20
98 # 14	98 # 22
98 # 16	98 # 25



98 # 10	98 # 18
98 # 12	98 # 20
98 # 14	98 # 22
98 # 16	98 # 25



98 # 10	98 # 18
98 # 12	98 # 20
98 # 14	98 # 22
98 # 16	98 # 25

Modeling material (ordinary wax)



Dental casting wax - pattern wax



Dental casting wax - wax mesh



Dental casting wax - wax pattern



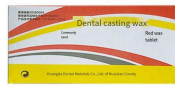
Dental casting wax - yellow wax particles



Dental casting wax - wax lines



Dental casting wax - thin wax sheet



Dental casting wax - red wax sheet



Devere - Pattern Wax



Deve - Wax Net



Dewey - Wax Hook



Walrus - Yellow Wax Grains



Shanghai New Century - Red Wax Sheet



Flying Rainbow - Red Wax Sheet



Dwyer-bonded inlay wax



Imported chocolate inlay wax



Deve - Edge Wax

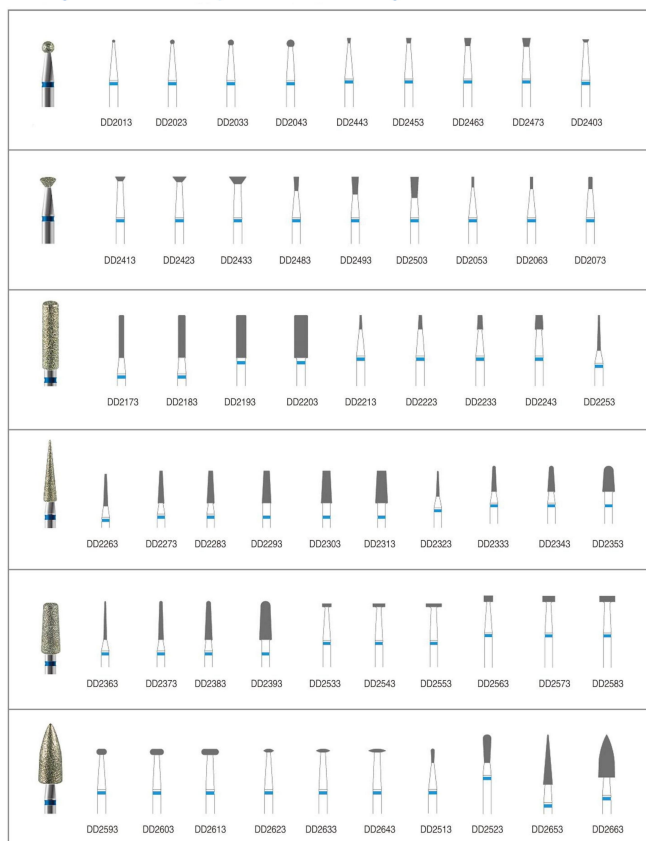
DEVE Professional Dental Lab Tools



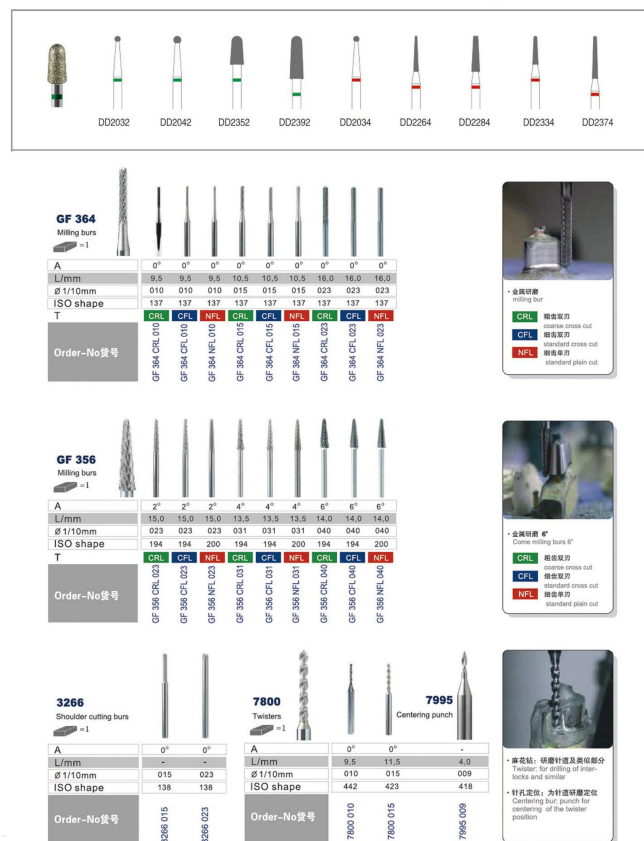
DEVE Professional Dental Lab Tools



Dabang DD-2 Series Electroplated Diamond Cutting Needle



DaoBang Professional Tool Set



Skilled worker - Common materials



EL steel needle



Pusie steel needle



Mason-Ger Steel Needle



Oston steel needle



Korean imported sand and gravel grinding machines



Sigoma Stone Grinding Head



Grinding head for sand and gravel



Polishing wax



Sany Sand Tablets 0.7



Sany Sand Tablets 1.0



Sany Sand Tablets 1.7



Sany Sand Tablets 0.2



Solder paste, nickel-chromium welding rods, cobalt-chromium welding rods



Welding agent



Soldering flux



Pure titanium welding wire

Skilled worker - Common materials



The first row: gypsum scissors (small), trapezoidal pliers, three-pronged pliers, crescent-shaped pliers



Tourniquet



Bone-setting needle



Wax knife



Surgical knife handle



Caliper



Porcelain brushes and glass brushes for the fur



Blue-tipped pencils and glass pencils on the handle



Taiwan tungsten steel grinding head



Small-sized rubber grinding head



Medium-sized rubber grinding head



Large rubber grinding head



Split-type screwdriver for mechanics



Handheld screwdriver set (9 pieces) with handle



Handheld screwdriver with handle (8 pieces in pack)



Musket

Skilled worker - Common materials



Plastic bowl



Cement mortar knife



Ordinary base



Magnetic base



Single set of nails



Plastic board nail



Staple



Saw blade



Cement saw



Drill bit for a nail gun



Sand ring, tungsten steel grinding head



Suction cup



Blade



Shiseido Super Hard Plaster



Shiseido base plaster



Hongtai Base Plaster



Composite plastering

Skilled worker - Common materials



Magnetic board



Membrane compartment



Silicone standard mold has a multi-functional flip mold base with teeth and without teeth



Hardener - Bid, South Korea



Bldex adhesive remover, invisible machine use high-temperature oil



Gap material



AA glue



Wan Ying Large Wheel



Wooden brush



Handleless cloth wheel



Handleless film red, green



Belt wheel



Alumina sand



Polishing sand



Model box



Tool storage box

Skilled worker - Common materials



Grade One Agar



Second-grade agar



Electrolyte



Hardened water



Youidin Tooth Floss Powder



New Century Dental Resin - Heat Curing



Alginate impression material



Ordinary diaphragm plate



Invisible adhesive



Invisible adhesive



Clamp adhesive



KEER water separation solution, wax cleaning solution



Dental alginate impression material - 500g



Dental separator - 1000ml



Stainless steel wire



Packaging film

Precision accessories



Swiss LV crown attachment



Swiss LV crown attachment



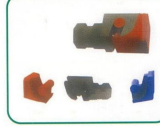
Swiss LV crown attachment



Swiss LV rod clasp attachment



Swiss LV snap-on attachment



Swiss LV snap-on attachment



Swiss LV spring-type attachment piece



Swiss LV attachment tools

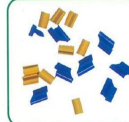


Swiss LV snap-on abutment, Swiss LV abutment tool

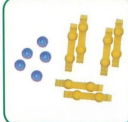
Refo Precision Accessories



Pin-type attachment



Screw-retained attachment



Cap-type attachment



Australia's DERN Magnetic attachment device

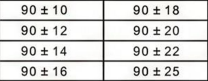
Titanium Disc & Column



Titanium Discs



Titanium Columns



90 ± 10	90 ± 18
90 ± 12	90 ± 20
90 ± 14	90 ± 22
90 ± 16	90 ± 25

Imaging Agent & Pressure Molding Machine



Imaging Agent



Imaging Agent

Applicable scope: Inlays, copings, veneers, custom abutments, bars, Malo bridges



Pressure Molding Machine



Pressure Molding Machine



Pressure Molding Machine

Electronic Scanning Spray

Electronic Scanning Spray is essential in daily laboratory work; the extremely thin spray layer makes subsequent scanning much easier. Electronic Scanning Spray can be applied to silicone, plaster, wax, or metal. 300ml packaging, reasonably priced.

- ◆ Reduces the reflective layer to prevent resultant deviations.
- ◆ Extremely thin spray layer.
- ◆ Multi-functional spray.
- ◆ Smooth surface.
- ◆ Easy to clean, better scanning results.
- ◆ Very easy to remove.

Order No.: YT-581-0030

Titanium Disc & Column

Pressure Molding Machine

**Healing
Abutments**
TOOLS



**Straight
Abutments**
TOOLS



**Angled
Abutments**
TOOLS



**Multi-unit
Abutments**
TOOLS



**Angled
Multi-unit
Abutments**
TOOLS



**Ball
Abutments**
TOOLS



**Laboratory
Analog**
TOOLS



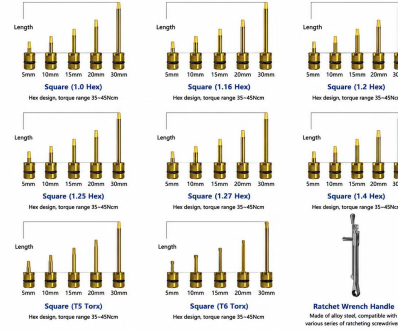
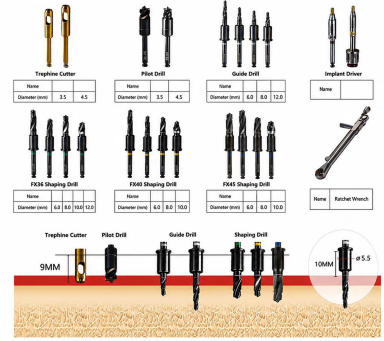
**Guided Surgical
Toolkit**
TOOLBOX

Human-Centered Design

1. Digital navigation system
2. Aerospace-grade aluminum alloy construction, resistant to deformation and high temperatures, supports comprehensive sterilization
3. The shaping drills are designed for both cortical and cancellous bone preparation



TOOLS



**Medical Square
Screwdriver**
SCREWDRIVER

Gray Green

Compatible with all types of cover screws, base screws, and abutment screws, offering a wide range of length options. No additional adapters required, can be directly connected to the ratchet wrench handle for use.



**Medical Ratcheting
Screwdriver**
SCREWDRIVER

Gray Blue

Compatible with all types of cover screws, base screws, and abutment screws, offering a wide range of length options. No additional adapters required, can be directly connected to the ratchet wrench handle for use.

