stomdevice

Aidite®

PRODUCT CATALOG



Make People Healthier and More Beautiful

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

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AIDITE Company Profile

— 25 years of professional Research and Development and experience in dental zirconia manufacturing

— Export products to labs and clinics over 120 countries.

— Customer - centric supplier of highest quality, dental zirconia to the global market

— Industry leader of globally recognized brand of materials and digital dental solutions

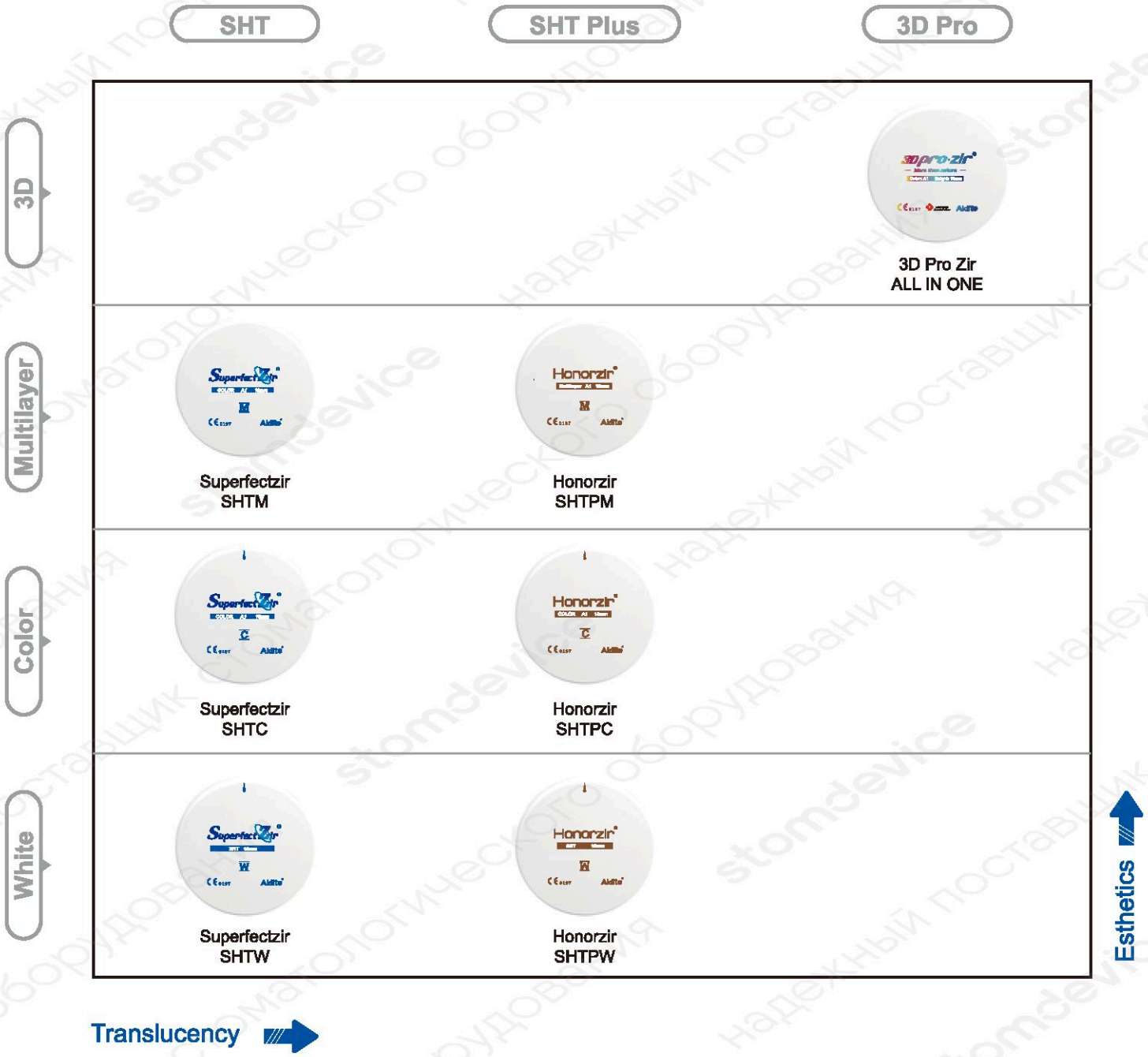
— Committed to work with science and technology that promotes a sustainable ecosystem

— Understand the needs of customers and provide exceptional service and competitive prices

— Help promote business growth for customer success, with respect and integrity

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Dental equipment



Aidite A-IS Pro
Digital Scanner



Aidite ASDS-MIX
Digital Scanner



CAMEO
Intraoral Scanner



AMW-400
Milling Machine



AMD-500
Milling Machine



AMD-500DC
Milling Machine



Cameo AGT-S Zirconia
Fast Sintering Furnace

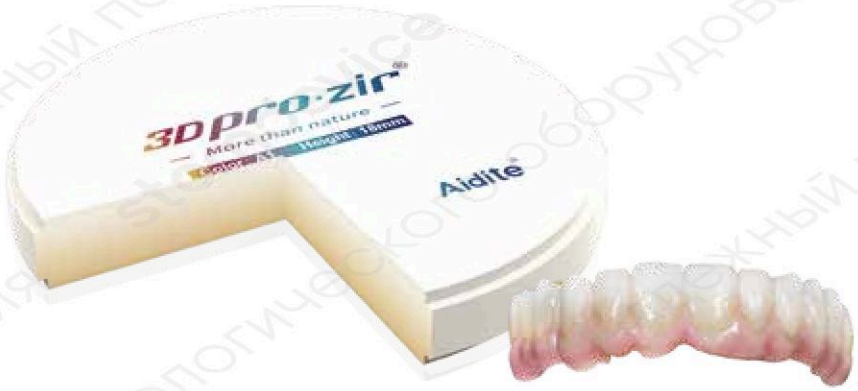


Cameo AGT-L Zirconia
Fast Sintering Furnace



CFP-100
Porcelain Furnace

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3D Pro Zir

- Cervical area strength: 1050Mpa
- **Translucency: 57%**
- **Color: VITA 16 colors, bleach**

- 3D Zir is a digital material. It is faster, it is better and high economical.
- Best natural esthetic thanks Color gradient, Translucency gradient and Strength gradient.
- On occlusal side, 3D zir achieves proper strength to reduce wear opposing dentine.

[Recommended Indications]



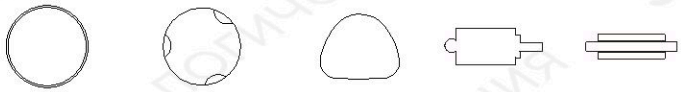
Veneer | Inlay | Anterior crown | Posterior crown | Full arch crown bridge | Full crown bridge | Full contour screw retained bridge | Implant

[Colors]



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

[System]



98mm | 95mm | 92x75mm | Block | Others

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Honorzir

- SHT Plus White
- SHT Plus Preshaded
- SHT Plus Multilayer

SHTPC/SHTPW

[Recommended Indications]

Inlay | Posterior crown | Full crown bridge

Screw retained bridge | Screw-retained full crown bridge

- Strength ⩾1100Mpa
- Translucency: 48%

SHTPM

[Recommended Indications]

Veneer | Posterior crown | Anterior crown

Inlay | Full crown bridge (⩽6 units) | Screw-retained full crown bridge (⩽6 units)

- Strength :Cervical part 900Mpa
- Translucency: 48%

[Colors]

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

[System]

98mm 95mm 92x75mm Block Others

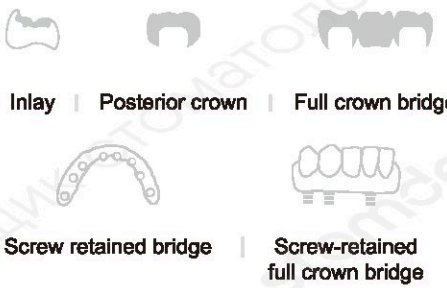


SuperfectZir

- SHT White
- SHT Preshaded
- SHT Multilayer

- SHTC/SHTW
  Strength:1200Mpa
- SHTM
  Strength:1000Mpa
- **Translucency: 43%**

[Recommended Indications]





[Colors]



[System]



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Mono Shade Temporary Restoration PMMA



- Satisfy temporary restoration with function and esthetics
- Protect abutment from stimulus, polishing friendly, high gloss
- Stable shade, anti-shade fade

Specification:

Dimension	12/14/16/18/20/22/25/30
Shade	Vita 16 shades/OM1/OM2/OM3

Multi-layer Temporary Restoration PMMA



- Personalized high esthetics
- Protect abutment from stimulus, polishing friendly, high gloss
- Shade stability, and anti-shade fade

Specification:

Dimension	12/14/16/18/20/22/25/30
Shade	Vita 16 shades/OM1/OM2/OM3

Biomic Stain/Glaze

Aesthetic Kit



2D paste	Shade A, Shade B, Shade C, Shade D, Blue 1, Blue 2, White, White-c
	Brown, Terracotta, Black, Orange 1, Orange 2, Mauve, Yellow, Pink-R , Glaze-F
Liquid	Coloring Liquid 1, Coloring Liquid 2
3Dpaste	3DN , 3DV
Accessory products	2D Brush, 3D Brush, 16 shade matcher

3D pro zir
Shade Matcher

Made of zirconia, the color choice of the restoration has never been so accurate.





Biomic
Color Palette

- Precise color adjustment
- Customized colors for palette
- Small but fully equipped |

Color Display



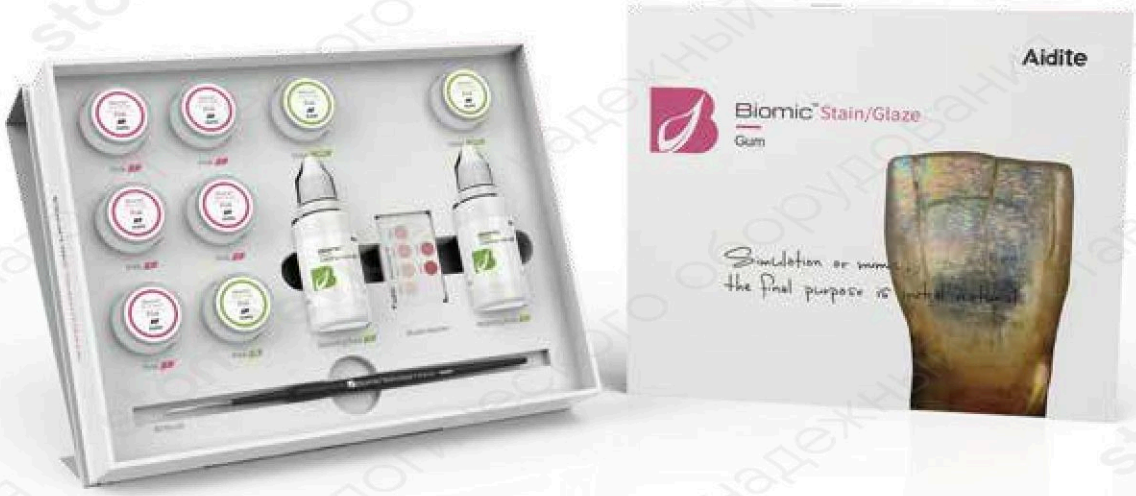


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Biomic Stain/Glaze

Gum Kit

This new kit of Biomic Gum provides 6 kinds of pink color, which can be used together to imitate different colored gums. Also one color shade guide and one 3D Brush are included. With the use of them, you can complete higher-level staining and obtain a more ideal bionic aesthetic experience.



GUM

2D Paste	Pink5/PinkR	3D Paste	Pink1/Pink2/Pink3/Pink4/3DN/3DV
Liquid	Coloring Liquid 1/Coloring Liquid 2	Accessory	3D Brush/6 Shades Guide



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Simulation layering Method



1.Steam cleaning of the restoration before glazing.



2.Coat a thin layer of coloring liquid 2 on the surface.



3.Use Pink 2 to coat the main color area.



4.Use Pink 3 to coat the mucosa area.



5.Use Pink 1 or Pink 1 mixed with 3DN to coat the free gingival area.



6.Use Pink 1 or Pink 1 mixed with 3DN to coat the bone contour area.



7.Use Pink 4 to coat the intensive area.



8.Use Pink 5 to simulate blood vessels in the mucosal area.

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Milling Burs



VHF

- Φ0.6*Φ3.0*35*2F
- Φ1.0*Φ3.0*35*2F
- Φ2.0*Φ3.0*35*2F



Roland

- Φ0.6*Φ4.0*50*2F
- Φ1.0*Φ4.0*50*2F
- Φ2.0*Φ4.0*50*2F



Wieland

- Φ1.0*Φ3.0*43*2F
- Φ2.0*Φ3.0*43*2F
- Φ2.5*Φ3.0*43*2F



Zirkonzahn M3/M5

- Φ0.5*Φ3.0*57*2F
- Φ1.0*Φ3.0*57*2F
- Φ2.0*Φ3.0*57*2F

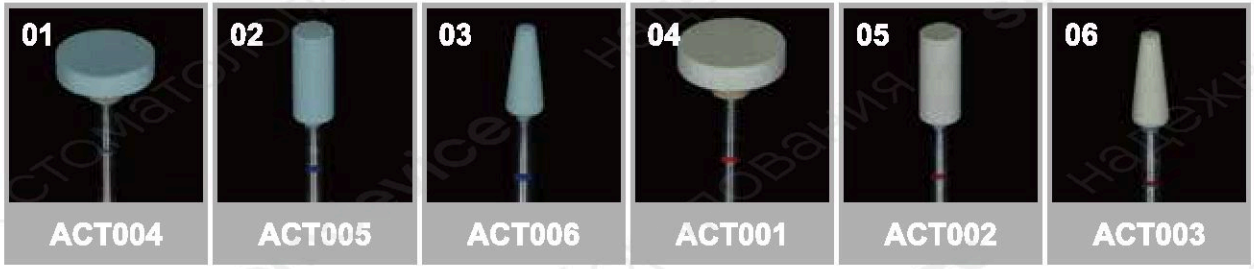


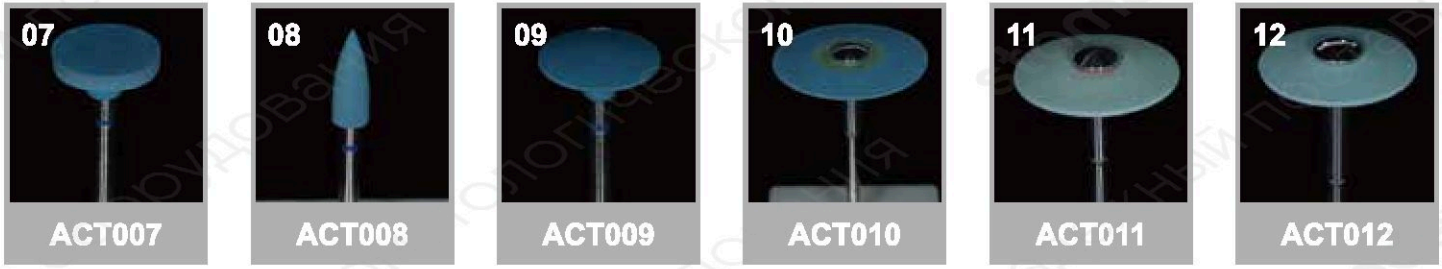
Amann Girrbach

- Φ0.6*Φ3.0*47*2F
- Φ1.0*Φ3.0*47*2F
- Φ2.5*Φ3.0*47*2F

Polishing tools







A-IS Pro Digital Scanner



Parameter	
Size (LxWxH)	260mm x 270mm x 420mm
Weight	5kg
Resolution	1.3MP
Accuracy	＜10μm
Output data format	STL, OBJ, PLY
Interface	USB3.0
Power	DC 24V
Light source	Blue light

*** Compatible with mainstream dental design software**

exocad dental wings digilea Guidemia

- **Rapid scanning**

  8s for Occlusion scan;
  12s for upper/lower jaw scan;
  13s for 1-4 dies scan;
  21s for 5-8 dies scan;
  58s for impression scan
- **Yes (scanning articulator status), scanning head swing range 0-5°**
- **Texture Scan**
- **Can be used for:**

  Abutment teeth, stone models, impressions, triple-tray-impressions, articulator and more.

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ASDS-MIX Digital Scanner

ASDS-MIX is a high-end dental 3D scanner. With open design and modular structure, ASDS-MIX features fine details, high accuracy and high efficiency to fulfill users' demands of a wide range of dental applications including crown&bridge, implant, bar, etc.

Model	ASDS-MIX
Camera Resolution	2x5.0MP
Accuracy	⩽7μm（ISO12836）
Scan Time	6s for bite scan; 13s for upper/lower jaw scan; 18s for 1-4 dies scan;
Articulator Scan	33s for 5-8 dies scan; 32s for impression scan* Dynamic/ static ; support articulator transfer
Output Format	STL, PLY
Light Source	Blue Light
Dimension	238(L)×340(W)×447(H) mm
Weight	7.5kg
Interface	USB3.0
Power Supply	DC24V

*The scan speed of impression is under high speed scan mode.



· Ultra-fine Details

Thanks to dual 5.0 MP high resolution cameras, AutoScan-DS-MIX can perfectly capture edge lines of abutments and features of scan bodies.

· Modular Design

More convenient for maintenance and possible for future upgrade.

· High Accuracy

Scan accuracy ⩽7μm assures reliable scan result.

· High Compatibility

Export .stl and .ply format, flexibly integrated in CAD/CAM solutions.

· High Efficiency

AutoScan-DS-MIX supports high efficiency scan mode: 13 seconds for scanning a full arch.With All-in-one scan it can improve scan efficiency by approx. 30%.

· Intelligent Scan

Integrated with user-friendly interface, one-click scan & intelligent scan, AutoScan-DS-MIX offers intuitive user experience.

CAMEO Intraoral Scanner



Scanner wand size	305×52×37mm
Scanner wand size	No powdering, 3D video
Image Resolution	640×480P
Scanning Accuracy	＜20μm
Full-Arch-Scan Time	5 min
Scanning Speed	15 fps
Output Data	STL，OBJ，PLY，BEB
Interface	USB3.0
Temperature	10°C - 40°C (Accuracy can be impacted by out-of-range temperatures)
Data optimization	AI intelligent scanning
Indications	

- The established pen-style of the wand provides a convenient haptics and feel.
- Focus on application skills, intelligent data optimization, and supporting clinical toolkits.
- Open and sustainable, the data format is open,and the software can be upgraded free of charge.
- Focus on application skills, intelligent data optimization, and supporting clinical toolkits.

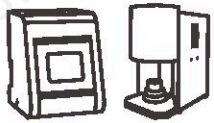
CAMEO chairside solution



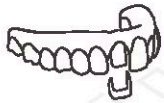
Intraoral scanning



Aidite cloud platform



AI manufacturing



Reconstruction by chairside

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AMD-500



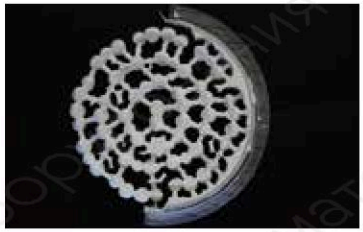
Technical Specifications

Equipment size	560*670*770mm
Axis Motor Technology	Digital AC Servo Motor
Ball Screw Precision	8μm
Spindle Speed	60000RPM
Spindle Power	500W
Number of Axis	5 Axis
Max. Tilt Angle	B axis: + 30 °, -90 °; A axis: ± 360 °
Max. Tools Shaft Diameter	4mm
ATC Capacity	6
Dry Milling	●
Wet Milling	O
Milling Material	Zirconia/ PMMA/ Wax/ Composite
Voltage / Frequency	220V 50/60Hz ,110V 50/60Hz (OPTION)
Power Consumptions	1.6KW
Air Requirement (Lt / Min.)	60L/min
Compressed Air Pressure (Bar)	6Bar
CAMSoftware	Open System

Description:

- High speed spindle at 60000rpm with air cooling
- Ability to use milling cutter from 0.2mm to 4 mm diameter
- Large rotation angles: B axis: + 30 °, -90 °; A axis: ± 360 °, achieving 90 degree vertical buccal side milling function.
- Quipped with 1/2 open fixture and plastic secondary fixture, effectively impr
- Integral casting structure
- High precision ball screw and linear guide rails
- High precision harmonic reduceroving the material layout utilization.

Processing Show



Ultra-high utilization



90°buccal processing



Display of buccal processing

AMW-400

Description:

- Multi machine controlled with a single CAM
- 6-tool Automatic Tool Changer
- Tool length and breakage detection
- Integral casting structure
- High precision ball screw and linear guide rails
- High precision harmonic reducer



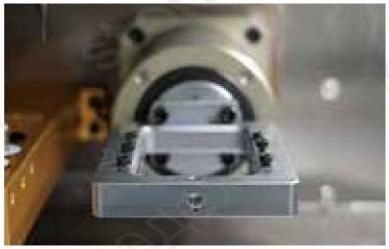
Technical Specifications

Equipment size		560×720×800mm
Weight		160Kg
Number of axis		4 Axis
Loadable workpiece size	Width	55mm
	Depth	20mm
	Height	20mm
Accuracy of repeat positioning		±8μm
Millable material		Glass ceramic, premill
Milling mode		Wet
Milling speed		Premill 15 mins/pc, glass ceramic 20-25 mins/pc.
Number of burs housed		6 (3 for glass ceramic/ 3 for premill)
Tools shank diameter		6mm
CAM Software		Millbox/Hyperdent/WorkNC
Spindle	Rotary axis travel angle	B axis: 360 °
	Spindle Power	1500W
	Cooling	Water cooling
	Rotating speed	60000rpm
	Voltage / Frequency	220V 50/60Hz
Input	Power	2.2KW
	Compressed Air Pressure (Bar)	6Bar

Detail display







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AMD-500DC

Description:

- Full servo closed-loop control.
- Zero clearance rotary structure, high accuracy of positioning and repeat positioning.
- Large rotation angles: B axis: ±28°; A axis: ± 360 °.
- 12-fold disc changer housed, achieving continuous processing for 24 hours.
- High speed spindle at 60000rpm with air cooling.
- Ability to use milling cutter from 0.2mm to 4 mm diameter.



Technical Specifications

Equipment size	930*750*1760
Weight	460Kg
Loadable workpiece shape	X Axis: Maximum 110mm
	Y Axis: Maximum 150mm
	Z Axis: Maximum 100mm
Axis Motor Technology	Digital AC Servo Motor
Spindle Speed	60000RPM
Spindle Power	1500W
Number of Axis	5 Axis
Rotary axis travel angle	A axis: ±28°; B axis: ± 360 °
Max. Tools Shaft Diameter	4mm
Number of burs housed	10
Number of adapters housed	12
Dry Milling	●
Wet Milling	○
Millable material	Zirconia/ PMMA/ Wax/ Composite
Voltage / Frequency	220V 50/60Hz
Power Consumptions	3.5KW
Air Requirement (Lt / Min.)	60L/min
Compressed Air Pressure (Bar)	6Bar
CAM Software	Open System
Accuracy of positioning and repeat positioning	0.01/0.005mm







CAMEO Zirconia Fast Sintering Furnace

A fast sintering furnace without any pollution

SIC Fast Sintering Furnace Highlights:

- Without any pollution using SiC high-tech core heating components.
- Easy to replace the heating components.
- The material can be sintered directly without drying before.
- Accuracy of constant temperature is ±1℃.
- Remarkable energy saving effect.
- Excellent sintering effect.



AGT-S

Parameter

Core heating component	Carborundum material
Sintering time	2.5h
Number of sintered teeth	30
Program advantage	One-click setting; Twenty sintering curves



AGT-L

Parameter

Core heating component	Carborundum material
Sintering time	3.5h
Number of sintered teeth	70
Program advantage	One-click setting; Twenty sintering curves

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CAMEO Porcelain Furnace CFP-100

Description:

The Cameo CFP-100 is a stable, efficient, quiet porcelain furnace.
It is born with two-stage program s, suit for lots brand porcelain powder.
The 95mm chamber diameter could satisfy the lab' s production requirement.

Specification

Dimensions	40cmX50cmX68cm
Weight/Package	28KG/34KG
Chamber diameter*height	95mm*65mm
Tray diameter	90mm
Voltage	110V/60Hz ; 220V/50Hz (two type configuration)
Power	1.5kw
Maximum Power	1.8kw
Temperature range	50—1100°C
Temp Accuracy	±°C
Screen	Touch
Two stage program	





Enterprise Certification



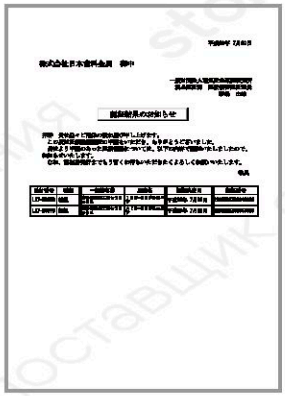
KFDA(South Korea)



FDA(America)



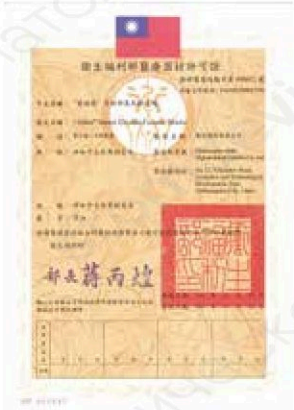
ISO13485



PMDA(Japan)



CE



TFDA(Taiwan)



SFDA



SFDA

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North America
Europe
Asia
South America
Africa
Oceania

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