

CATALOG | 2020

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Twitter: @SwiftDent

NEW!



Affordable 5-Axis Mill

NEW!



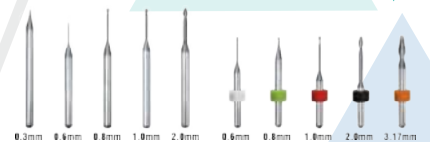
Affordable Scanner

NEW!



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SwiftZir™ Zirconia Discs



Open CAD/CAM System Compatible

Diameter (mm)	Thickness (mm)
95	10
	12
	14
	16
	18
	20
	22
	25

ZirkonZahn Compatible



Diameter (mm)	Thickness (mm)
98.5	10
100	12
	14
	16
	18
	20
	22
	25



Length x Width (mm)
20 x 15
20 x 19
40 x 15
40 x 19
55 x 19
65 x 25
85 x 40

Sirona Compatible



3M Compatible

Length x Width x Depth (mm)
72 x 42 x 12
72 x 42 x 14
72 x 42 x 16
72 x 42 x 18
72 x 42 x 20
72 x 42 x 25

SwiftZir™ Zirconia

White Multilayer

SwiftZir™
AT 700 MPA

Anterior Translucency Zirconia

SwiftZir™
HT+ 1300 MPA

High Translucency Zirconia


SwiftZir™
HT 1200 MPA

High Translucency Zirconia

SwiftZir™
HS 1200 MPA

High Strength Zirconia



 = Available

NEW!

SwiftZir™
ATS 1000 Mpa

Anterior Translucency
With Strength

NEW!

SwiftZir™
ATS ML 1000 Mpa

Anterior Translucency
Multi-Layer
Zirconia With Strength
No Staining Necessary

SwiftZir™
HT 1100 MPA

Shaded Zirconia
No Staining Necessary

SwiftZir™
AT ML 700 MPA

Anterior Translucency
Multi-Layer Zirconia
No Staining Necessary

SwiftZir™
HT ML 1100 MPA

High Translucency
Multi-Layer Zirconia
No Staining Necessary



PMMA / WAX / CrCo / Ti Discs

PMMA



Diameter (mm)	Thickness (mm)
All Available	10
	12
	14
	16
	18
	20
	22
	25

PMMA Multilayered



Diameter (mm)	Thickness (mm)
All Available	10
	12
	14
	16
	18
	20
	22
	25

WAX



Diameter (mm)	Thickness (mm)
All Available	10
	12
	14
	16
	18
	20
	22
	25

CHROME COBALT



Diameter (mm)	Thickness (mm)
98.5	10
	12
	14
	16
	18
	20
	22
	25

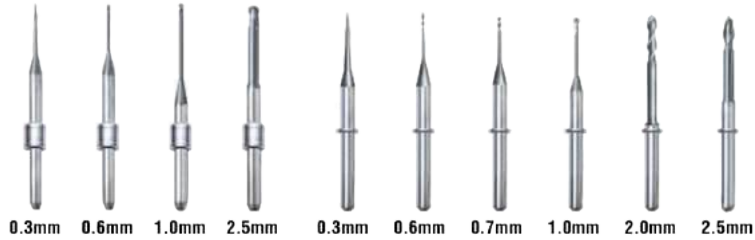
TITANIUM



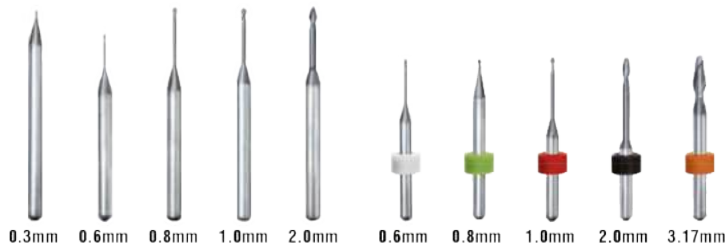
Diameter (mm)	Thickness (mm)
98.5	10
	12
	14
	16
	18
	20
	22
	25

Milling Burs / LiDi Ingot

Diamond and Carbon Coated
Amann Girrbach / VHF / Wieland
Compatible



Roland / Dentmill
Compatible



Wieland / Zenotec
Compatible



For More Options, please visit
swiftdentalsupply.com

SwiftPress Lithium Disilicate Pressable Ingots

SwiftPress lithium disilicate pressable ingots are suitable for all dental ceramic press systems.

Perfect for:

- Thin veneers
- Veneers
- Occlusal veneers
- Inlays/Onlays
- Crowns
- Three-unit bridges
- Hybrid abutments
- Hybrid abutment crowns



Contact us for shade options!

400Mpa

Grinding and Polishing Burs

Fine Grit
7000-15,000 rpm
Max: 20,000 rpm
1pc



Length x Width (mm)	26 x 2	20 x 1	4 x 13	12 x 2
----------------------------	--------	--------	--------	--------

Medium Grit
7000-15,000 rpm
Max: 20,000 rpm
1pc



Length x Width (mm)	26 x 2	20 x 1	4 x 13	12 x 2
----------------------------	--------	--------	--------	--------

Fine Grit
8000-15,000 rpm
Max: 25,000 rpm
1pc



Size (1/10th mm)	0.65	50	45	160	220
Length (mm)	13	13	13	1.5	2

Fine Grit
8000-15,000 rpm
Max: 25,000 rpm
1pc



Size (1/10th mm)	220	150	130	220	150
Length (mm)	4.5	3.5	2	2	2

Extra Fine Grit
8000-15,000 rpm
Max: 25,000 rpm
1pc



Size (1/10th mm)	130	50	45
Length (mm)	2	13	13

For More Options, please visit swiftdentalsupply.com

Digital Model Scanner

SDS S300E **NEW!**

The SDS S300E is a desktop 3D scanner which targets the dental industry, but is also suitable for jewelry or other fields involving small objects.

The SDS S300E is able to 3D scan up to 12 dies at a time (multi-die). According to the manufacturer, it takes about 20 seconds to 3D scan a full dental arch.

Specs:

Size: 300x330x400 mm (11.8inx13inx15.75in)

Weight: 10kg

Scan range: 100*100*75mm (22lbs)

Scanning mode: Non contact blue light scanner

Camera: 2x1.3MP

Projector: Customized blue-light, support multi-color scanning

Interface: USB 3.0

Power supply: AC110-220V , 50HZ

Speed: multi-die scan : 20s Model scanning : 25s

Precision: <10µm

Output formats: STL ; UM ; PLY ; OBJ

Automation: Automatic registration and intelligent hole filling



IMPLANT SCAN

Supports both shared and single scanbody scan and multi-unit scanbody scan for an intuitive and flexible scan workflow.

COLOR TEXTURE

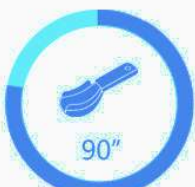
Real color scan of models with pencil marks help with a better and easier design.

LARGE MULTI-DIE PLATE WITH UP TO 12 POSITIONS

Users can scan up to 12 dies within one scan and finish within 20 seconds.



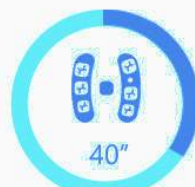
SAVE TIME



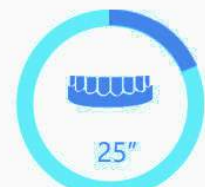
TRIPLE TRAY



12 UNIT SCAN PLATE



ALL-IN-ONE



FULL ARCH



Furnaces and Mill

Porcelain Furnace

The SDS P100 is a smart programmable dental ceramic furnace equipped with an automatic open and close tray design. It is suitable for all kinds of ceramic materials, including lithium disilicate, ceramic powder-based materials, and zirconia.

- Large touch screen interface for easy operation with panoramic display.
- Quartz technology ensures application of a uniform temperature field and long service life.
- An engineered lightweight thermal insulation material preserves heat and ensures minimal temperature fluctuations.
- Precise heat controls guarantee temperatures within an accuracy of +/- °1C / 1.8°F
- Maintenance free, Imported oil-less vacuum pump with a high PSI limit with high flow.
- Night function settings
- Temperature calibration settings
- Easy operation, low noise, suitable for all laboratories

Specs:

Voltage: 220V / 50Hz

Power: 1500W

Working Temperature Accuracy: +/- °1C (1.8°F)

Maximum Temperature: 1300 °C (2372 °F)

Maximum Vacuum: -98 Kpa / -14.21 PSI

Heating Rate: 0-140°C/min (0-284°F/min)

Display mode: Touch Screen Interface

Chamber Size: 10cm circumference x 7cm height

(3.93in circumference x 2.75in tall)

Packing Size: 48cm L x 36cm W x 66cm H

(18.8in L x 14.1in W x 26in H)

Weight: 29kg (63.9lbs)



Sintering Oven

Features:

- 7 inch touchscreen for easy operation.
- Overheat alarm function.
- Pure MoSi₂ rods to avoid denture contamination.
- Large capacity, double layers can sinter simultaneously.
- Gas outlet hole on top-side chamber.
- Multi-language display.

Temp. Interface:	LCD Touch Screen
Temp. Accuracy:	± 1.8°F / 1°C
Heating Curves:	30 steps
Max. Temperature:	3092°F / 1700°C
Working Temperature:	2912°F / 1600°C
Chamber Size:	4.7 x 4.7 x 5.1 in / 120 x 120 130 mm
Heating Rate:	0-68°F / 0°-20°C per min
Power:	2kw
Gross Weight:	220.4 lbs / 100kg

SDS F200



5-Axis Mill

The SDS M500 offers smart 5-axis milling and comes equipped with a special material-saving processing strategy and nesting method. The maximum feed rate can reach 3000mm pr minute, with a maximum spindle speed of 40,000 to 60,000rpm.

Specs:

Dimensions : 620×430×560 (mm)

Input voltage : AC 100~235V、50~60Hz

Weight : 72kg

Milling range : X/Y/Z : 165/135/70mm

A : ±30° B : 360°

Max power : 0.8KW

Axis quantity : 5-axis simultaneous

Spindle power : 0.52KW (max)

Tools changing : Automatic (air pressure>0.5 MPa)

Milling mode : Dry milling

Max speed : 40,000~60,000rpm

Max feed rate : 3000mm/min

Milling time : Zirconia(Coping) :

10min, wax : 6min

Tool capacity : 11

Milling materials : Zirconia, wax, PMMA, wood

Spindle cooling : Air cooling

Tools : 2+1+0.6mm,Φ4

NEW! SDS M600



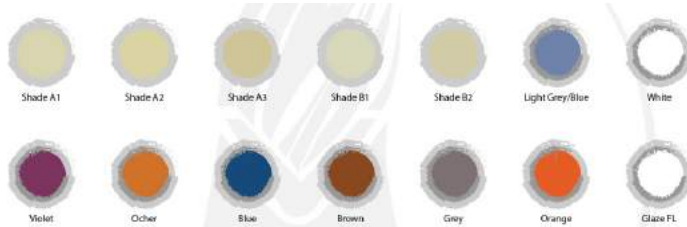
Stains & Glazes / Porcelain

Prodigio

Winery Collection of Ceramic Stains
Raffaello's Color series



Prodigio Universal Fluorescent Glaze and Stain pastes are intended for use in all types of dental ceramic restorative materials, including porcelain, lithium disilicate, and zirconia restorations. This product contains the ideal level of fluorescence which enhances the optical properties of the restoration to mimic the appearance of natural teeth under all lighting conditions. The glaze provides a creamy, smooth, and dense surface that can be fired as low as 740C.



Ceramic Stain Glaze for PFM - Lithium Disilicate - Zirconium							
Firing Instructions Prodigio Paste	Preheating Temp.	Drying Time	Raise of Temp.	Vacuum	Final Temp.	Holding Time	Appearance
PFM - Zirconia	450°C	5 min	45°C/min	Yes / No	740/910°C	1-2 min	Shining
Lithium Disilicate	450°C	5 min	45°C/min	Yes / No	740/770°C	1-2 min	Shining



Swift Ombra Porcelain Systems
METAL CERAMIC Porcelain



Swift Ombra Porcelain Systems
ZIRCONIA CERAMIC Porcelain



Swift Ombra Porcelain is easy to model, problem-free and durable. Perfect for any kind of porcelain work, even full ceramic restorations. Swift Ombra has a logical, systematic set of powders, according to the Vita Classical shade guide.

Optimal Compatibility

Compatible with many alloys available on the market. Universal bonding and compatibility with other ceramics.

Natural Shades

Intense colors, 16 shades of Classic Vita. Expressive layers, natural transitions.

Small Particles

High density, high bonding force, strong colour saturation, low shrinkage, single-stage application. This all guarantees great comfort at work and high aesthetics of restorations.

- Patented Technology
- FDA Approved
- CE Certified
- ISO 13485 Certified

For More Options, please visit
swiftdentalsupply.com.



SWIFT MILLING SERVICES

DESIGNED AND CRAFTED IN THE USA



(562) 242-8684

www.swiftdentalsupply.com

Need a desktop scanner?
Contact us!

Milling and Design • Full Contour Crowns • Bridges • Copings

1st Case Single Unit

FREE*

*Shipping fee not included



Solid HT Zirconia
1200 Mpa

\$20*

*Per Unit

1-2 Day Production Time!

Zirconia Coping
1200 Mpa

\$15*

Multilayered Full Zirconia
1100 Mpa

\$24*

Aesthetic Zirconia Multilayered
(Extra High Translucency)
750 Mpa with 51% Translucency

OR

1000 Mpa with 49% Translucency

\$35*

eMax Lithium Disilicate

\$49*

*Per Unit from STL file, without design
\$5 Shipping Per Order
USPS 2-3 Days Priority Mail



Send STL files to:
millingboss@gmail.com

Designed and Milled in California, USA





Join Swift Dental at LMT LAB DAY Chicago 2020
Feb 20-22, 2020 · Chicago, IL



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With love, from

CALIFORNIA, USA