

# TOTAL SOLUTION FOR DENTAL PRODUCTS

SEIL GLOBAL



# Company Overview

# Global Great Seil Global

# Best Work, Best Team!

# **Total Solution For Dental Products**

Thanks for support and feedback from our customers for over 30 years.

To be the trustworthy leader, Seil Global Co., Ltd has continually been at the edge of dental technology, developing top-quality products with the best service and value.

In 1989, Seil Global was established under the management of Mr. An. Since established, Seil Global Co., Ltd become largest distributor of dental products and services to customers including dental practices and laboratories, physician practices in Korean Market. Seil Global Co., Ltd operates its four business groups-Manufacture, Export, Import and On-Line shopping mall through a centralized and automated distribution network, which provides customer in more than 50 countries as well as the Korean Market.

# **Create the Value of Customers**

To meet the needs of customer's satisfaction, we focus on online, off-line marketing and distribution cannuel. Furthermore, we launched brand "DentiAnn" to provide excellent products at reasonable prices. We improved quality through own R&D and reduced distribution cost by manufacturing and distributing directly.











# Leap to the world's first-class dental professional company.

Sail Global leads the advancement of the dental market in the premises and aims to become a world-class dental specialist representing Korea.



# **Trust and cooperation**

Building trust with customers to develop into partnerships

### Creativity

Enhance competitiveness through research and development of differentiated products and systems

# **Challenge spirit**

Constant effort to create new values that are not afraid of failure



### **Dental equipment R&D**

Research and development for localization of dental equipment, mirror suction, new mixing tip, plastic tray, dental impression material, etc.

### **Dental equipment manufacturing**

Owns own factory with manufacturing facilities such as 8 injection molding machines, raw material pulverizers, and mixers. Produce mixing tips, bite trays, plastic trays, etc., and supply the highest quality products at the lowest price.

### Online shopping mall specializing in dental equipment

Owns over 10,000 products, the largest in Korea.

High price competitiveness: Various special sales, Dentian products, customer-oriented content. 2006 Published Korea's first comprehensive dental catalog (encyclopedia of dentistry)

### **Export**

Participate in and visit overseas exhibitions at least 5 times a year. Currently, our products are



# History

# Since 1989



Established Seil
 Dental Trading Company



- Certified Manufacture license



2000

- Established Seil Global Co.,Ltd



# 2002

Designated as prompted export company



- Established on-line shopping

Designated as promoted export company



2004

Designated promoted small medium company



- Licensed mixing tip



- Licensed imported medical supplies

- Published Vol.1 Dental Catalogue

- Certified KGSP

- Certified KGMP



### 2007

- Launching OEM products
- Published Vol.2 Dental Catalogue
- Distributing disposable impression tray
- Launching Import dept.



### *2008*

- Established R&D Dept.
- Designated as Venture & Technical Innovation Company
- Designated as Promoted Small Medium Company
- Designated Best Quality Company



2009

- Registration DentiAnn brand
- Designated as innovative company



2010

- Published Vol.3 Dental Catalogue



- Participated in SIDEX, Korea
- Open on-line recruit website
- Participated in SEAFEX, Korea



- Published Vol.4 Dental Catalogue
- Participated in YESDEX, Korea



2013

- Designated as Venture & Technical Innovation Company



# 2014

- Designated as leading company by Busan city
- Designated as Venture & Techni cal Innovation Company
- Designated as promoted export company



- Established R&D Dept.
- Designated Employment excel lent company by Busan city



- Designated as Venture & Technical Innovation Company
- Designated as innovative company



2019

- Designated as leading company by Busan city
- Dental Catalog Vol.5 will be published in April 2019



### 2020

- CE Certificate Registered — Primary crown



### 2021

- Participated in 2021 AEEDC Dubai
- English website renewal
- New Product launch DentiAnn Impression Saver



# Certification



CE for Impression material (Light body, Heavy body)



CE for Impression material (Putty, Bite)



CE for Mirror Suction



CE for MixingTip



CE for Primary Crown



CE Impression Tray



Cert Flow Syringe



Cert IS013485



CN Patent for New mixing tip



Design Registration for Design registration for Needle Oral tip



New mixing tip



USA patent for New Mixing tip



Japanese Patent for New mixing-tip



Japanese-Design Registration for New mixing tip



Korea Patent for New mixing tip\_1



Korea Patent for New mixing tip\_2



Patent for Electronic Dispenser



Certificate of GMP



Catridge Cap



File Check Disk



Certificate-DentiAnn



Design Registration for Design Registration for Trademark Registration Trademark Registration Certificate-Seil Global

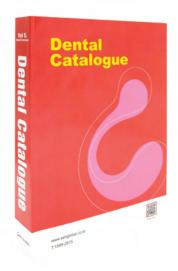








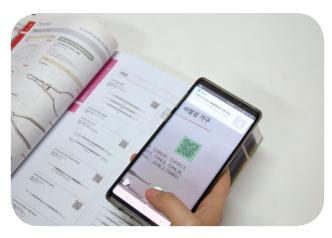
# SEIL GLOBAL Services



# 2019 - 2021 **Dental Catalogue vol.5**

Dental Catalogue Vol.5 has pubilished in 2019, and each item in the catalogue has QR Code for each product, making it easier to view detailed descriptions and purchase dierctly through mobile devices.

- Over 10,000 products distributed in Korea
- Product photos, specifications, manufacturers, and main features included
- Segmentation into large & small categories by product usage
- Product comparison is easier by grouping related products Useful for material education and ordering as a basic guide for dental products





### - QR code

Every product has QR code that is connected to the online shopping mall to check product details and purchase directly from mobile phone.

# Korea No.1 On-Line Dental Shopping Mall www.seilglobal.co.kr

In 2006, the first dental catalogue was published. Since 2006 the catalogue has earned the reputation as Dental Encyclopedia among dentists. It contains more than 10,000 dental items and more than 200 varieties of Denti-Ann OEM items. Furthermore, it is classified in 23 categories and subclasses for customer's convenience.

Dental Catalogue Vok.5 has published in 2019, and each item in the catalogue has QR Code for each product, making it easier to view detailed descriptions and purchase dierctly through mobile devices.



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Impression Material

& Accessory



Denti<sub>A</sub>nn

SAVE up 70%

Less Material Waste

Easier to Control

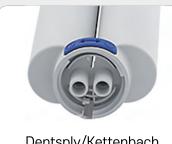


All 50ml Cartridge can be connected

- ✓ Can be used with all 50ml cartridge type light body impression materials
- $\checkmark$  Slim size syringe makes easier access to the mouth
- √ Dispenser makes less effort to use

# For Dentsply/Kettenbach Cartridge

Dentsply/Kettenbach users need to use special connector for Dentsply/Kettenbach.



Dentsply/Kettenbach Cartridge

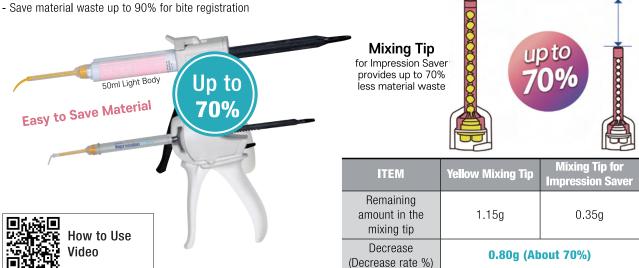


Ordinary Cartridge

# **Saving Point 2.**

# Innovative solution to save waste material in the mixing tip

- Save material waste up to 70% for light body



# **New Product**

# **DentiAnn IMP Save Syringe**



Impression Material & Accessory





# ( Connector is reusable



Dentsply/Kettenbach connector for Impression saver





Dentsply/Kettenbach connector for Imp Save Syringe



Stainles Steel Primary Crown







# **Stainless Steel Primary Molar Crown**

Children deciduous preformed stainless steel crowns (referred children crown) is a preformed, and the teeth are very bonded stainless steel crowns.

### **INDICATIONS:**

- Dental caries is difficult to obtain a wide range of resistance and shape retention form.
- Tooth neck caries cause cavity is no longer prepared gingival wall.
- A plurality of dental caries.
- Enamel hypoplasia and partial crown fractured teeth.
- Caries activity strong, prone to secondary caries.
- Clearance holder for retainers.



CE Certification (2020)



I Crowns are available in two convenient kits and as individual refills.

### **I Crown Half Kit**

1 crown of each size (Total 48 crowns)

### **I Crown Full Kit**

2 Crowns of each size (Total 96 crowns)









### **I Crown Refills**

5 crowns of the same size

# "Satisfying quality combined with much better value for the price"

# • Ergonomic design keeps natural shape:

Precise anatomical structure and high surface gloss prevent food accumulation and have a natural tooth shape.

### • Excellent strength and wear resistance :

I Crowns are built to last with their strong occlusal surfaces that resist abrasion and perforation Pliable cervical areas make contouring and crimping easy

### Pre-trimmed and crimped for fast and easy placement :

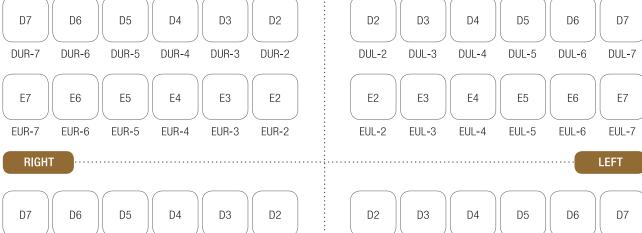
Thanks to optimum size, arrived at after significant research, I Crowns require less trimming, contouring and crimping

 There are six possible sizes for each deciduous molar providing a wide degree of choice to the clinician when it comes to selecting the appropriate restoration.



# **Primary Molar Crown**

UPPER



DLR-7 DLR-6 DLR-5 DLR-4 DLR-3 DLR-2

E7 E6 E5 E4 E3 E2

ELR-5

DLL-2 DLL-3 DLL-4 DLL-5 DLL-6 DLL-7 E2 E3 E4 E5 E6 E7 ELL-2 ELL-3 ELL-4 ELL-5 ELL-6 ELL-7

**LOWER** 

# I Crown(Verbatim) / 3M (Numeric expression)

ELR-4

D/E – UR (#54/#55) D/E - UL (#64/#65)

ELR-3

ELR-2

D/E - LR (#84/#85) D/E - LL (#74/#75)

1st Premolar : #4 or D2nd Premolar : #5 or E

ELR-7

ELR-6

- U: Upper L: Lower / R: Right L: Left ex1) DUL4: Upper, 1st Premolar, Size 4 (64-#4) ex2) ELR5: Lowe, 2nd Premolar, Size 5 (85-#5)

# **Clinical Case**





# **NEW MIXING TIP**



# **NEW MIXING TIP** for **Cartridge System**

- Impression and relining materials
- Bite registration material
- Temporary crown and bridge material
- Restorative and Cementation materials



1:1 Mixing Tip
Used for :
Light body VPS Impression
Material



1:1 Mixing Tip
Used for:
Regular body/monophase,
heavy body VPS Impression
Material



1:1 Mixing Tip
Used for:
Heavy body VPS Impression
Material, bite registration



1:1 Mixing Tip, Taper end Used for :
Cementation material with
1:1 ratio



Used for : For use with Light body Mixing tip

With: S130 / S130-A



Used for : S1 core build-ups and precision impressions With : S130 WHITE ORAL

Used for : S
For use with Regular body
Mixing tip
With : \$132



Bite registration For use with Green Mixing tip With: S131

# NEW 10:1 MIXING TIP Total Length : 76.3mm

4:1/10:1 Mixing Tip,
Taper end
Used for:
C&B Temporary material with

NEW BLUE MIXING TIP

Total Length: 58mm

1:1 Mixing Tip Used for : Core material with 1:1 ratio



1:1 Mixing Tip
Used for:
Core material with 1:1 ratio
UV Protection



10:1 ratio

# **NEW MIXING TIP** for **Dual Syringe**

- Impression materials
- Core build-up materials
- Temporary crown and bridge material
- Restorative and Cementation materials

# The new mixing tip is assembled with a screw and tube.



# Certificate for NEW MIXING TIP



# NEW CORE MIXING TIP Total Length: 37mm

1:1 Mixing Tip, Flat end Used for : Core materials, Cementation materials



1:1 Mixing Tip, Taper end Used for : Core materials, Cementation, Temporary materials





Used for : Core build-ups and precision impressions

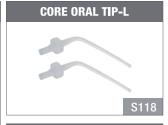
With: S123, S123-A, S129 S128, S140



4:1 Mixing Tip, Taper end Used for : Cementation materials



4:1 Mixing Tip, Flat end Used for : Cementation materials





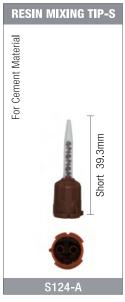
Used for : Endodontical applications Root canal intraoral tip With: S123, S123-A

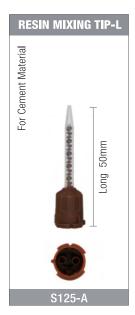
# **CAP TYPE MIXING TIP**











# Disposable Plastic Tray



# **PLASTIC TRAY**







Item		Innor Tro			Lawren Trav				Partial Tray		
Item		Upper Tray			Lower Tray		PB	PA	P1	P2	
Size	Large	Medium	Small	Large	Medium	Small	Upper Right Lower Left	Upper Right Lower Left	Upper of Anterior	Lower of Anterior	
Width (mm)	84	77	72	84	77	72	51	51	70	66	
Height (mm)	61	54	51	61	54	51	53	53	38	38	
pakage of Refill	40EA	48EA	48EA	40EA	48EA	48EA	48EA	48EA	48EA	48EA	
Plastic Tray Reference	P.UL	P.UM	P.US	P.LL	P.LM	P.LS	P.PB	P.PA	P.P1	P.P2	
Implant Tray Reference	I.UL	I.UM	I.US	I.LL	I.LM	I.LS	I.PB	I.PA	I.P1	I.P2	



# Disposable Plastic Tray

References	
DentiAnn Plastic Tray Full Set	P.SET
10 x 10 Sizes (UL, LL, UM, LM, US, LS, PA, PB, P1, P2)	
DentiAnn Implant Plastic Tray Full Set	I.SET
10 x 10 Sizes (UL, LL, UM, LM, US, LS, PA, PB, P1, P2)	

# **ADVANTAGES**



The holes on the side wall, with an inverted concave, make impression material overflow

and retention







The curved edge can prevent mold release

The thicker bottom frame make the tray is very strong and rigid

The fail of impression material is reduced by designed for narrowed inside



With transparent tray, easy to check the implant fixture

# **IMPRESSION CASE**

# ° Taken by VPS impression material





# ° Taken by alginate material





# **TIPS**

### ° When under the implant impression





You can expand the tray by using a denture bur to fit the implant fixture of patient.

### ° When adjust to tooth shape or size of patient





You can transform the tray by using any heat treatment (ex, alcohol lamp) in order to fit the tooth size of patients.

# Disposable Bite Tray





- Disposable Bite Trays are 3-in-1 disposable trays used for impression, counter impression & bite registration.
- Disposable to save from cross-contamination & clean-up time
- Well-defined access ledges and rigid plastic for greater stability



White color available

# **ADVANTAGES**



# Rigid & grooved plastic flames

- Anti-warping
- Fixes the impression material well



# Thin and Loose non-tear mesh

- Flexible and durable
- Fixes the impression material well



# Ultra thin contact area (1.5mm)

- Patient comfortableness



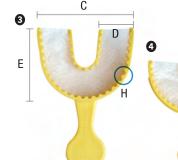
### ID label sticker

- Convenience as it can be identified by patient











Posterior

#	0	2	5
А	58mm	58mm	30mm
В	25mm	24mm	65mm
H(Height)	H(Height) 13mm		17mm

#	3	4
С	70mm	68mm
D	25mm	25mm
E	55mm	38mm
H(Height)	Out 22mm In 14mm	Out 22mm In 14mm

щ	161611669		
0	50 x Posterior Bite Tray	#1	

2 50 x Sideless Posterior Bite Tray -----#2 Sideless Posterior

3 26 x Full Arch Bite Tray ------#3 Full Arch

30 x Anterior Bite Tray ------#4 Anterior

30 x Quadrant Bite Tray -----#5 Quadrant

ID Stickers Included

# DentiAnn

# Impression Saver



01 | Saving Point

# All 50ml Cartridge can be connected

- Ocan be used with all 50ml cartridge type light body impression materials.
- 6ml Syringe Dispenser makes less effort to use.

Reusable (6ml Syringe & Connector)



# **02** | Saving Point

# Innovative solution to save waste material in the mixing tip

- Save material waste up to 70% for light body
- Save material waste up to 90% for bite registration



**Mixing Tip** for Impression Saver provides up to 70% less material waste



ITEM	<b>Yellow Mixing Tip</b>	Mixing Tip for Impression Saver
Remaining amount in the mixing tip	1.15g	0.35g
Decrease (Decrease rate %)	0.80g (At	oout 70%)

# 03 | Saving Point

# Slim size syringe makes easier access to the mouth

- Slim size mixing tip makes easier access to apply more precisely.
- Restorations with accurate margins drop into place more easily by using dispenser.
- Light body impression material is applied exactly where it's needed to capture every marginal detail.



# SmartSil VPS Impression Material



- Good for detailed reproduction
  - Barely flow down on the upper and prep, and good for detailed reproduction through momentary flowability (especially, in-lay)
- Less bubble through equal mixing
- High resistance to tearing

Exceptional elastic properties creating a high resistance for detachment

Impression with ease, flow out smoothly



# **DETAILS**

- VPS Silicone for high precision impression
- Compatible with all impression technique

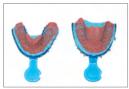
# **IMPRESSION CASE**





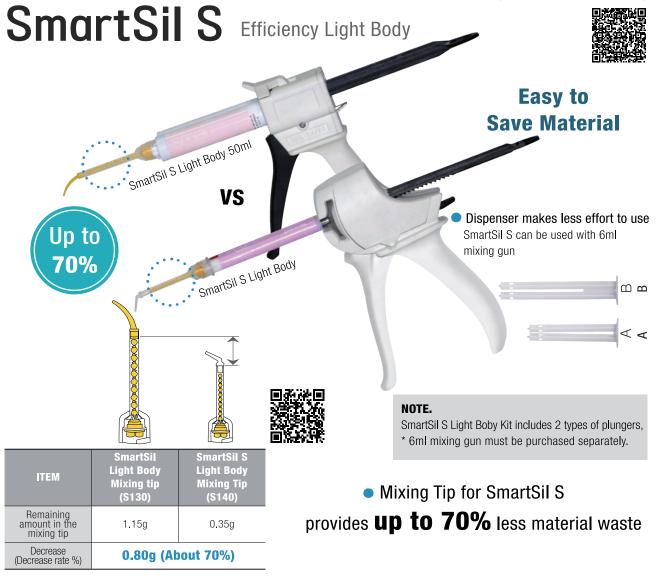






Product	Packaging	Viscosity	Hard- ness	Working Time	Setting <b>Time</b>	Mixing Type	Mixig Tip
SmartSil Light Body	4 x 1:1 / 50ml + 12 Mixing Tips	Light		2min	3min 30sec	Gun	New Yellow Mixing Tip(S130)
SmartSil S LV	20 x 1:1 / 6ml 10 Mixing Tips+10 Oral Tips 2 A Plungers(Short)+ 2 B Plungers(Long)	Light		2min	3min 30sec	Syringe	
SmartSil S XLV	20 x 1:1 / 6ml 10 Mixing Tips+10 Oral Tips 2 A Plungers(Short)+ 2 B Plungers(Long)	Light		2min	3min 30sec	Syringe	
SmartSil Tray	8 x 1:1 / 50ml+20 Mixing Tips	Heavy		2min	3min 30sec	Gun	New Green Mixing Tip (S131)
SmartSil Tray Tube	150ml Base+150ml Catalyst	Heavy		2min	3min 30sec	Handmix	
SmartSil Putty	150ml Base + 150ml Catalyst		Soft			Handmix	





Impression Material & Accessory



# **New Smart Gun**





- Cartridge type Dispenser
- Mixing the impression materials
- Easy to use, light weight
- Made by metal materials, excellent durability
- Mixing impression materials stably
- Perfect impression result





# Impression Gun Holder



### **DETAILS**

- Transparent Acrylic organizer
- Easy to organize impression material, mixing tips and dispenser



# Multi Impression Gun, Cartridge Holder

- Convenient storage: Easy storage of gun and mixing tips in one place

### **Size Specifications**

- 1 2 Holes: 135mm(W) x 155mm(D) x 145mm(H)
- 2 3 Holes: 200mm(W) x 155mm(D) x 145mm(H)
- 3 4 Holes: 265mm(W) x 155mm(D) x 145mm(H)
- 4 3 Holes: 287mm(W) x 287mm(D) x 205mm(H)

# Oral Tip Holder







[A Type]

[B Type]

# **TIPS**

Pressing with a constant force makes it easy to attach the oral tip with mixing tip



Prepare a mixing tip for binding oral tips and mixing tips.



Place the mixing tip on the oral tip head.



when pressed with a certain force.



Oral tip and mixing tip are bound You can use it after Connection.

# SPECIFICATION

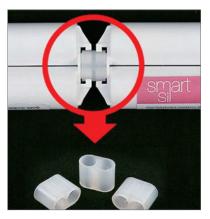
### A Type

120mm(W) x 44mm(D) x 95mm(H) 20 Core Oral Tip 60 Yellow Intra Oral Tip for Light Body Additional 6 Core Oral Tip + 18 Yellow Intra Oral Tip

### **B** Type

120mm(W) x 44mm(D) x 95mm(H) 20 Core Oral Tip 50 Yellow Intra Oral Tip for Light Body 20 White Intra Oral Tip for Regular Body Additional 6 Core Oral Tip + 9 Yellow Intra Oral Tip + 9 White Intra Oral Tip

# Cartridge Connector



### **PACKING**

3EA

### **INDICATIONS**

An innovative product that can transfer a small amount of impression material left after using rubber impression material to another cartridge.

If impression material is smeared with a round joint part, it will be erased by wiping with a cotton ball.

# Mirror Suction



# All in one - Mirror and Suction

Simple prep and scaling available without assistants



How to Use Video





# **Replaceable Mirror**

- Front mirroring
- Anti-fogging function

REF S901-1 6 x Mirror Suction Heads





High compatibility

Install to any kind of Unit Chair with 11mm, 16mm, 18mm adapters

# Handle °

Silicone cover is used for anti-slip and convenience



# **8 Suction Holes**

- 4 holes on the side of the mirror and 4 holes on the bottom of the mirror
- Excellent suction function
- 8 suction holes do not suck tongue or any parts inside of the mouth.



# Easy to clean

- Cleaning the inside of the mirror with cleaning brush
- Mirror head, handle and sili cone hose are all autoclavable



# **Simple Installation**

Easily Connect to your current HVE valve





# References ● Mirror Suction Set (5): 5 x Mirror Suctions, 2 x Hoses, 2 x Adapters, 1 x Cleaning Brush ------S9000 2 Mirror Suction Set (2): 2 x Mirror Suctions, 1 x Hoses, 1 x Adapters, 1 x Cleaning Brush ------S9000-2 3 Mirror Suction Head Refill: 6 x Mirror Heads ------S901-1 4 Silicon Hose ------ \$900-2 6 Adapter 11mm ------ S905-1 6 Adapter 16mm ------ S905-2 • Adapter 18mm ------ S905-3 Mirror Suction ------ \$900-1 Mirror Suction Handle ------S902



### 1. Connect suction holder and adapter





### 2. Connect adapter and hose





### 3. Connect mirror suction handle and hose adepter







### 4. Usage of O-Ring

- Connect O-ring with suction holder and use O-ring to activate the suction without lift.
- Suction will not work when button is pressed







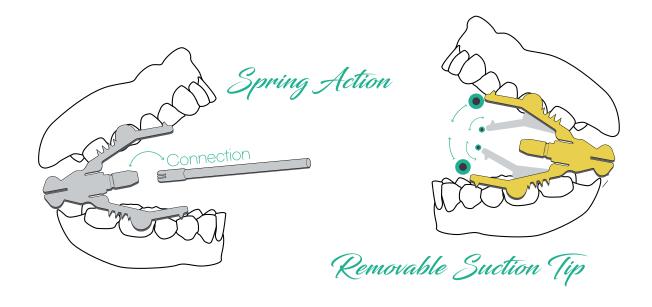
# **Bite Suction**



# Dr.K **Bite Suction**

- Single use only
- Possible Autoclave (132°C)





# **SPIKE**

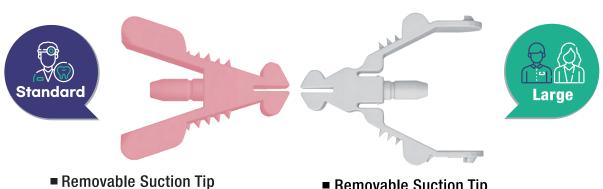
Need only 1 spike for perfect pix

# A HEAD

Inlet never clogged up

# **GUIDE WING**

Rotation guide make easily sucking



■ Removable Suction Tip

■ Spring Action

**Self Suction** 

**Save Hand** 

**Save Money** 

# Micro Endo Suction

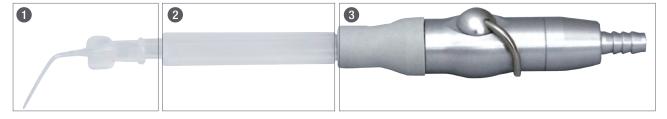




# **INSTRUCTION FOR USE**

Remove the moisture from root canal inject the material

- 1 With irrigation tip, irrigate the root canal
- 2 Insert Capillary tip into root canal and during vacuuming move the tip back and forth You can see how to remove the solution from root canal.
- 3 Check the inside of root canal if it is dried or not with paper point





### 1 Endo Flexible Capillary Tip

- Type : Straight, Curve / Color : White, Black
- Disposable tip constructed of bendable polypropylene
- Universal luer-style design[Use with/ for]
- Luer Vacuum Adapter, for moisture removal from endodontic canals.
- Use with 1.2ml or 5ml syringes Luer-Lock
- Application of Calcium hydroxide pastes Light cured, water-based or oil based
- Application of flowable composites

# **2** Micro Suction Holder

- Type : Autoclavable , Non-Autoclavable
- Color : Translucent



### 3 Aluminum Suction Holder for saliva ejector

Total length: 89mmInner diameter: 4mmOutside diameter: 6mm

# **EZ-Tem Crown**





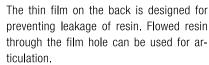




# Upper and lower teeth can be treated by only in 3 Min

- Supplying reasonable price through standardization
- Convenient to treat, shorten the treat time
- Total 14 kind of item
- Full Kit (70pcs/pkg) : 5pcs x for each size
- Refill (5pcs/pkg)







The margin hole on the side of tooth mold is designed for helping interproximal contacts when resin is flowed via the margin hole.







The crevasse film is designed that it will be exploded when tooth is bigger than standard size. The margin hole on the side of tooth mold helps interproximal contacts when resin is flowed via the margin hole.

### References

Anterior		9			
Ref	C-A1	C-A2	C-A3	C-A4	C-A5
Width	5mm	6mm	7mm	8mm	9mm
Length	11mm	11mm	11mm	11mm	11mm

Anterior		
Ref	Large	Medium
Width	84	77
Length	I.LL	I.LM

Bicuspid	ò			
Ref	C-P1	C-P2	C-P3	
Width	6mm	7mm	8mm	
Length	11mm	11mm	11mm	

Molar					
Ref	C-M1	C-M2	C-M3	C-M4	
Width	9mm	10mm	11mm	12mm	
Length	11mm	11mm	11mm	11mm	

# **INSTRUCTIO FOR USE**



- Choose the proper size of EZ-Tem Crown
- 2 After filling EZ-Tem Crown with resin put it into warm water (60~70°C) (Warm water reduces the smell of resin and activates the setting time and acts as separating agent)
- 3 Check the articulation (Easy to check the articulation with flowed resin on the surface)
- Trim and Polishing the extra resin on the margin and lingual or occlusal hole
- **5** Set EZ-Tem Crown with temporary cement

# JB Fork



# Digital Jaw relation taking or Conventional denture fabrication without jaw relation taking step with occlusal wax rim



### 1. One-day dental jaw relation record solution

### · On the day of patient visit,

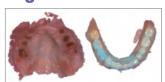
- (1) Oral impression and jaw relations are taken simultaneously
- (2) Digital denture design and fabrication
- \*Simplify traditional conventional denture fabrication process and reducing number of visits

### 2. Digital/Analog applicable solution

### · Digital workflow for occlusal plane transfer

- Facial scan available (option)
- If facial scanner is not available, POP BOW system can be applied to obtain occlusal plane information.
- \* Applicable to conventional denture manufacturing
- \* Efficiently available for use to fabricate abutment and temporary prosthesis of full mouth reconstruction with implants

# **Digital workflow**



Intraoral scan When there is no intraoral scanner, traditional impression techniques are still possible



Apply JB fork upper Jaw with putty and silicone materials
Check the upper lip support and

select anterior teeth positions



Apply JB fork lowe Jaw with putty and silicone materials



**Gothic arch tracing**Decide proper vertical dimension and gothic arch tracing



**Bite taking**Apply a silicon bite registration material between the upper and lower plates to fix the specified VD and CR



**3D facial scan**Obtained occlusal plane

\*If you do not have a facial scanner, record the occlusal plane with ADD POP BOW.

Digital Denta Digital denture existing dental cad software (3 cad software (3 cad software (4 cad



Digital Dental Production
Digital denture design from
existing dental
cad software (3 shape, exocad, etc.)

# conventional workflow



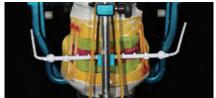
Apply JB Fork upper & lowerjaw



Gothic ch tracing



Bite taking



**Apply ADD POP BOW** Occlusal plane setting



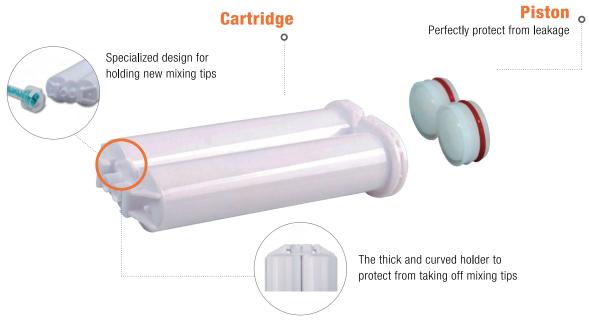
**Conventional dental production** 



**Conventional dental production** 

# 1:1 Cartridge 50ml Cartridge System





**DETAILS** 

- Compatible with any mixing tip including Seil Global Mixing tips (Code No: S130, S131, S132, S130-A, S131-A)

# New Smart Gun



- Cartridge type Dispenser
- Mixing the impression materials
- All impression materials can be used
- Easy to use, light weight
- Mixing impression materials stably

# Mixing Tips



New Yellow Mixing Tip	S130
New Green Mixing Tip	S131
New Pink Mixing Tip	S132
New Blue Cement Tip L	S142
New Blue Mixing Tip	S133

# 1:1 Dual Syringe 6ml





- Compatible with any mixing tip including Seil Global Mixing tips (Code No: S123, S124, S125, S140, S123-A, S124-A, S125-A)

# Mixing Tips



New	Core I	Mixing <sup>-</sup>	Гір	 · S123
New	Resin	Mixing	Tip	 S124
New	Resin	Mixing	Tip L	 S125

# Mixing Gun 6ml



- 6ml type Syringe Dispenser
- Mixing the impression / Core / Cementation Material
- Easy to use, light weight
- Mixing materials stably

# **Putty Bottle**



Packaging



- Volume : 400g each
- 2 Spoons included

# Flow Resin Syringe

Packaging

New technology that reduces leakage after plunger was pushed



# Composite Syringe

Light curing resin syringe with screw plunger





### Other DentiAnn Product





# Manufacturer SAMWON D.M.P

# Abutment













# **External Abutment**

Hex



I	Platform		Mini ø4.5			Regular ø5.0		Regular ø6.0			
	Height Cuff	4.0mm	5.5mm	7.0mm	4.0mm	5.5mm	7.0mm	4.0mm	5.5mm	7.0mm	
ı	1mm	EMA414	EMA415	EMA417	ERA514	ERA515	ERA517	ERA614	ERA615	ERA617	
	2mm	EMA424	EMA425	EMA427	ERA524	ERA525	ERA527	ERA624	ERA625	ERA627	
. [	3mm	EMA434	EMA435	EMA437	ERA534	ERA535	ERA537	ERA634	ERA635	ERA637	
₹ 🛚	4mm	ΕΜΔ444	FMΔ445	ΕΜΔ447	FRΔ544	FRΔ545	FRΔ547	FRΔ644	FRA645	FRΔ647	

### **Non-Hex**



	Platform		Mini ø4.5		Re	egular ø5	.0	Regular ø6.0		
	Height Cuff	4.0mm	5.5mm	7.0mm	4.0mm	5.5mm	7.0mm	4.0mm	5.5mm	7.0mm
Ì	1mm	EMA414N	EMA415N	EMA417N	ERA514N	ERA515N	ERA517N	ERA614N	ERA615N	ERA617N
5	2mm	EMA424N	EMA425N	EMA427N	ERA524N	ERA525N	ERA527N	ERA624N	ERA625N	ERA627N
)	3mm	EMA434N	EMA435N	EMA437N	ERA534N	ERA535N	ERA537N	ERA634N	ERA635N	ERA637N
	4mm	EMA444N	EMA445N	EMA447N	ERA544N	ERA545N	ERA547N	ERA644N	ERA645N	ERA647N

# **Healing Abutment**



Platform Height	Regular ø5.0	Regular ø6.0	Wide ø6.0	Wide ø6.5
2mm	ERH502	ERH602	EWH602	EWH652
3mm	ERH503	ERH603	EWH603	EWH653
4mm	ERH504	ERH604	EWH604	EWH654
5mm	ERH505	ERH605	EWH605	EWH655

# **Internal Abutment**

### In-Octa



Platform Cuff	Regular ø4.8	Regular ø5.2	Regular ø6.0		
1mm	<b>II</b> OA4801	<b>II</b> OA5201	<b>II</b> OA6001		
2mm	<b>II</b> 0A4802	<b>II</b> 0A5202	<b>II</b> 0A6002		
3mm	<b>II</b> 0A4803	<b>II</b> 0A5203	<b>II</b> OA6003		
4mm	<b>II</b> 0A4804	<b>II</b> 0A5204	<b>II</b> OA6004		
5mm	<b>II</b> 0A4805	<b>II</b> 0A5205	<b>II</b> OA6005		

### **Healing Abutment**



Height	ø5.2	ø6.0	ø7.5
1mm	IRH5201	IRH6001	IWH7501
2mm	IRH5202	IRH6002	IWH7502
3mm	IRH5203	IRH6003	IWH7503
4mm	IRH5204	IRH6004	IWH7504
5mm	<b>I</b> RH5205	<b>I</b> RH6005	IWH7505

# **Submerged Abutment**

# **Couple Abutment - Hex**



Platform	Mini ø4.5			Regular ø5.0		Wide ø5.5			Wide ø6.5			
Height Cuff	4.0mm	5.5mm	7.0mm	4.0mm	5.5mm	7.0mm	4.0mm	5.5mm	7.0mm	4.0mm	5.5mm	7.0mm
0.9mm	SCA45014	SCA45015	SCA45017	SCA50014	SCA50015	SCA50017	SCA55014	SCA55015	SCA55017	SCA65014	SCA65015	SCA65017
1.9mm	SCA45024	SCA45025	SCA45027	SCA50024	SCA50025	SCA50027	SCA55024	SCA55025	SCA55027	SCA65024	SCA65025	SCA65027
2.9mm	SCA45034	SCA45035	SCA45037	SCA50034	SCA50035	SCA50037	SCA55034	SCA55035	SCA55037	SCA65034	SCA65035	SCA65037
3.9mm	SCA45044	SCA45045	SCA45047	SCA50044	SCA50045	SCA50047	SCA55044	SCA55045	SCA55047	SCA65044	SCA65045	SCA65047
4 9mm	SCA45054	SCA45055	SCA45057	SCA50054	SCA50055	SCA50057	SC455054	SCA55055	SC455057	SCA65054	SC465055	SSA65057

# **Couple Abutment - Non Hex**



Platform Mini ø4.5				Regular ø5.0	5.0 Wide ø5.5			Wide ø6.5				
Height Cuff	4.0mm	5.5mm	7.0mm	4.0mm	5.5mm	7.0mm	4.0mm	5.5mm	7.0mm	4.0mm	5.5mm	7.0mm
0.9mm	SCA45014N	SCA45015N	SCA45017N	SCA50014N	SCA50015N	SCA50017N	SCA55014N	SCA55015N	SCA55017N	SCA65014N	SCA65015N	SCA65017N
1.9mm	SCA45024N	SCA45025N	SCA45027N	SCA50024N	SCA50025N	SCA50027N	SCA55024N	SCA55025N	SCA55027N	SCA65024N	SCA65025N	SCA65027N
2.9mm	SCA45034N	SCA45035N	SCA45037N	SCA50034N	SCA50035N	SCA50037N	SCA55034N	SCA55035N	SCA55037N	SCA65034N	SCA65035N	SCA65037N
3.9mm	SCA45044N	SCA45045N	SCA45047N	SCA50044N	SCA50045N	SCA50047N	SCA55044N	SCA55045N	SCA55047N	SCA65044N	SCA65045N	SCA65047N
4.9mm	SCA45054N	SCA45055N	SCA45057N	SCA50054N	SCA50055N	SCA50057N	SCA55054N	SCA55055N	SCA55057N	SCA65054N	SCA65055N	SSA65057N

# **Angle Abutment**



Platform	ø5.0						
Height Cuff	15°	20°	25°				
0.9mm	SAA50115	SAA50120	SAA50125				
1.9mm	SAA50215	SAA50220	SAA50225				
2.9mm	SAA50315	SAA50320	SAA50325				
3.9mm	SAA50415	SAA50420	SAA50425				

### **Healing Abutment**



3										
Platform Height	Mini ø4.5	Regular ø5.0	Wide ø5.5	Wide ø6.5						
1mm	SH4501	SH5001	SH5501	SH6501						
2mm	SH4502	SH5002	SH5502	SH6502						
3mm	SH4503	SH5003	SH5503	SH6503						
4mm	SH4504	SH5004	SH5504	SH6504						
5mm	SH4505	SH5005	SH5505	SH6505						

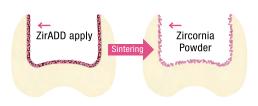
# ZirADD Zirconia Roughness Enhancer

ZRADD



### The basic principle of ZirADD

that can control powder particle size and viscosity



Apply ZirAddto the inner surface of zirconia prosthesis before sintering

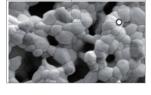
After sintering, the remaining components except zirconia powder are volatilized, and zirconia powder adheres to the surface to increase surface roughness.

# **Zirconia using Nano-technology**

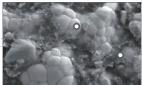
Nano size ZrO2 particle

### Maximize adhesion rate

Roughness can be adjusted according to the applied thickness, amount, and size of zirconia particles



Resin cement



Volume: 10ml

Receptacle: Clear type container (Size: 21 x 83mm)

Color: Black color liquid

**Component**: Distilled water, Nano-sized zirconia powder, Carbon

powder, Dispersive agent, Binder, etc

# **FEATURES**

- Safe and Easy
- Materials are safe, apply with brush
- 2 No effect on the fit of the prosthesis even after application
- Small increase in surface thickness (3~4 micron)
- 3 No effect on long-term stability and mechanical properties of the
- Unlike conventional methods, it does not induce phase transition of zirconia
- **4** Maximization of holding power by wide surface area
- Form Micro surface irregularity(roughness) not Macro surface irregularity(roughness)
- 6 Easy to check
- Due to its unique black color, it is possible to easily check the area applied to the prosthesis with a naked eye, and the black color disappears after sintering

# **Apply ZirAdd** before sintering

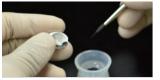


- 1. Remove foreigne substances from the inner surface of the zirco nia prosthesis.
- 2. Shake the container 10 tomes to homogenize the sediment in the container before sue.
- 3. Use an dropper to reduse the amount used





4. Apply once without any gaps on the inner surface of the prosthesis using a brush





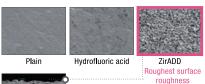
5. Sintering without drying process





### Zirconia surface roughness experiment t according to surface treatment method

**ZirADD Surface Roughness The increase in surface** thickness is less than 1-2µm



SEM photo of the cut surface after ZirADD application Increased thickness of rough surface with single application (3-4µm)

### Zirconia bond strength test according the surface treatment method

# **ZirADD Bond Strength**



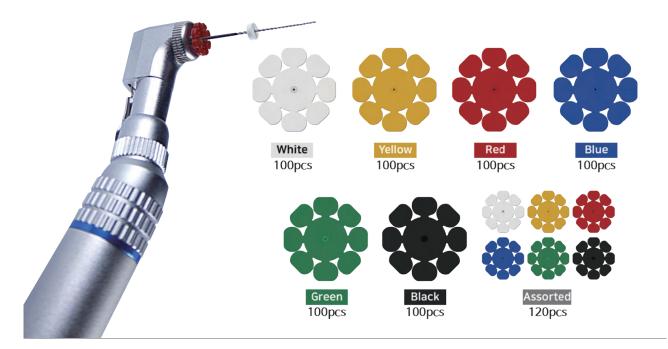
In comparison of bonding strength between zirconia and resin cement according to the surface treatment method, the group to which ZirAdd was applied showed a 4~9 times higher than that of the control group.



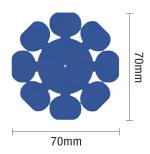
The group to which Ziradd was applied showed the surface roughness value 2~6 times higher than the control group.

# File Check Discs





# It is designed to make it easy to know the number of file usage.



8 Petals/Piece

Each time you use a file, you can easily check the number of times it is used by removing each "File check disk" one by one, so you can prevent the file from being broken in the root canal.

File check disk allow an optimized management of use and control over metal fatigue of rotary instruments.

### Silicone, can be autoclaved 134°C

File check disk can be sterilized and never leave the instrument, ensuring that the usage information is kept.





### USE

Each Diagnostic Disc has eight petals. After each use, the practitioner will pull several petals off depending on canal complexity.

For rotary instruments, one to six petals are removed from the flange after each treatment. The number of remaining petals indicates the further possible uses:

- 2 petal corresponds to simple cases(S), that is, straight, slightly curved or wide canals, Radius ≧ 25mm
- 4 petal correspond to moderately complex cases (M), that is, more curved or narrow canals, Radius 25 until 11 min.
- 6 petal correspond to difficult cases, i.e. canals with extreme cur vature, S-shaped, very narrow or calcified. Radius ≦11 min.

- NOTICE It is not a product used as a substitute for a stopper, and must be used at a certain distance from the stopper.
  - Remove the stopper, insert the file check disk, and then insert the stopper again to use it.



**DENTILOX**®

Other DentiAnn Product



- √ Disihfection of instruments and surfaces
- √ High standard disinfectant
- ✓ Non-toxic, alcohol-free, no skin irritation
- √ Colorless, odorless, use immediately without dilution

### **Hypochlorous Acid**

- Hypochlorous Acid has a pH of 5.0~ph6.0, which is similar to that of human skin.(Skin: pH4.5  $\sim$  pH6.5 / Tap water: pH5.8  $\sim$  pH8.6 / Chlorine bleach : pH7.8 ~ pH9.0)

- It is designated by the FDA,KFDA and Ministry of Health in Japan as a sterilizing

Turns to water after disinfection Harmless to the human body









[EPA 40 CFR PART 180.940]

It is designated by the FDA,KFDA and Ministry of Health in Japan as a sterilizingand disinfecting agent such as additives and instruments.

# **USAGE**





Instruments

Unit chair



Bed sheets and Equipment

Reception room

Toilet

Office supplies and furniture

- Smartphones, laptop, desktop, mouse, keyboards and etc..-Kitchen and toilet-Play area for kids-Public places such as restaurants and gyms-Removal of pet odor-Sterilization of floor, wall, door handle, etc.

# **HOW TO USE**





### Spray

- 1.Spray Dentilox 20~30cm away from the surface of the object
- 2.Dry naturally or wipe off remaining moisture



### Deposition

- Sterilization by com pletely immersing in the solution for 5 minutes

# Easy Remove Blade Holder

Other DentiAnn Product





# **FEATURES**

- No cross insfection
- No hand cut
- Remove blade in 3 seconds
- 1 Touch remove















### Other DentiAnn Product

# Easy Blade Remover



How to Use Video

# **FEATURES**

- Remove 25 blades per pcs
- Prevent cross-infection
- Minimalistic design (width 28mm x length 76mm)
- Increase productivity
- improve welfare
- \* Discard when its full

No Cross infection No hand cut Remove blade in 3 seconds





Prosthetic Dentistry

# Pop Bow System

Improve the quality of the prosthesis by easily collecting occlusal information.

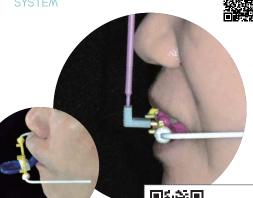




PNU OCCLUSAL PLANE (POP)(Patent No. 10-2117417)

For occlusal plane index

POP BOW





How to Use Video



Provides patient's accurate occlusal plane information



Easily transfer three-dimensional occlusal planes on digital





Ease of manufacturing and mounting articulators of gypsum models with reproduced occlusal plane

# SG Sleeve





- Effective Barrier Protection for Handpieces and Hoses
- Suitable for all exposed Cables, Cords And Hoses
- Reduces Clean-up time
- Diameter: 60mm / Length: 1,650mm
- 24 each, Individually packaged
- Diameter: 60mm / Length: 1,650mm
- pkg/24 (each, Individually packaged)











# Disposable Vinyl Cover Other DentiAnn Product



- Soft and comfortable, not easy to tear
   Keep resolution of sensor as shiny and clear material
  - Protect a patient's mouth lesion as a rounded corner
  - pkg/300pcs

# S-Dom



Anti Cross Infection

- To protect a contamination of ultrasonic scaler handpiece.
- pkg/100 (each, Individually packaged)

**Bite Block Cover** 



Intra-Oral Camera Cover

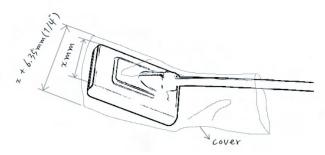


**Digital Sensor Cover** 



How to determine the correct size

Measure the width of your sensor and add 1/4"(6.35mm)





# Mixing Pad

Other DentiAnn Product



- pkg/100pcs
- Size: 9.5cm x 6.5cm, 13.5cm x 9.5cm, 19cm x 13cm
- Impression Material Mixing
- Pads with tear-off sheets Pad



### Other DentiAnn Product

# **Autoclavable Irrigation Tube**





caused by high-grade stainless steel (SUS 316 for medical device)

■ Autoclavable(135°C) Hose, all connection parts available

# Safe operation is possible by installing a leak-proof cap on the motor drive

# High compatibility

Can be used for most products by allowing the connection part to be fixed

А Туре						
HOSE <b>①</b>	HOSE 2	HOSE 3				
		0				
		I				

Туре	Compatible Models	Viscosity		
		HOSE 1	HOSE 2	HOSE 3
A TYPE	NSK / NEO SURGE / Nouvag Md20 / OSSTEM SM3 Implant Anthogyr / Dentium ICT / Saeshin / Saeyang	460mm	100mm	2400mm
В ТҮРЕ	W&H / OSSTEM OSM2 / 3i	460mm	110mm	2400mm
C TYPE	KAVO INTRAsurg 300	460mm	460mm	-
D TYPE	X0 / G00F	460mm	120mm	2400mm
E TYPE	Piezo Surgery / Surgery Bone / Esacrome Straumann #sem	460mm	150mm	2400mm
F TYPE	Bien Air CHIROPRO 980	460mm	155mm	2400mm
G TYPE	Anthogyr IMPLANTEO	460mm	150mm	2400mm
H TYPE	KAVO ExpertSurg	460mm	290mm	2400mm

- **INSTRUCTION** Check the product before use and make sure it is sterilized.
  - 2 The product is connected to the cleaning liquid, and the tube is mounted on the handpieces and the pump operating portion of the engine body. Use it after confirming that the washing water is sprayed normally
  - 3 After use, be sure to wash, remove any water remaining in the tube, and sterilize.

# "Custom made is available to fit any implant engine"

# **Tooth Saver**

**Excellent for Gifts** Kids love to keep their baby teeth in these Colorful Miniature Mouse





Easy to storage, Easy to open and close

- pkg/100EA
- Color Mixed (Pink, Green, Yellow)

Other DentiAnn Product

- Mouse shape baby teeth souvenir save box

# Silicone Instrument Code Rings





**Noise reduction** 



Case can be separate easily



**PACKING** 

- ø6 Set : 140EA (20EA per color of 7) - ø6 Refill : 60EA (60EA per color) - ø9 Set : 70EA (10EA per color of 9)

- ø9 Refill: 30EA (30EA per color)

**FEATURES** 

- Identify with 7 colors

- 2 Sizes : Diameter : ø6.0, ø9.0 / Height : 5mm

- Material : Silicone (Autoclavable)

- Instrument's identification, Instrument's procedures and operators

# Miracle Tip & Resin Gun



Other DentiAnn Product



**Miracle Needle Tip** 

Easily bendable, stainless-steel needle tip



materials.

**Resin Gun** 

Ergonomic so they are easy to hold and maneuver



- Perfect for flowable composites, core material, cements and glass ionomers
- Save time by having the entire mixture of material right at your fingertips and eliminate the constant pad-to-mouth motion
- Tips and plugs are easy to load
- Compatible with all C-R Syringes and Resin guns

# Curing Shield

Other DentiAnn Product



### SIZE

- 122mm x 251mm

# **FEATURES**

- Protection for operation and staff using curing light
- Hand held visible light shield for protecting the operatory staff
- Cure Shield effectively blocks out potentially harmful ultraviolet and blue light at wave-lengths shorter than 525 nanometers which, after prolonged exposure, may cause photochemical burn of the retina
- Cure Shield gives you that extra margin of safety

# 12 Syringe Resin Holder

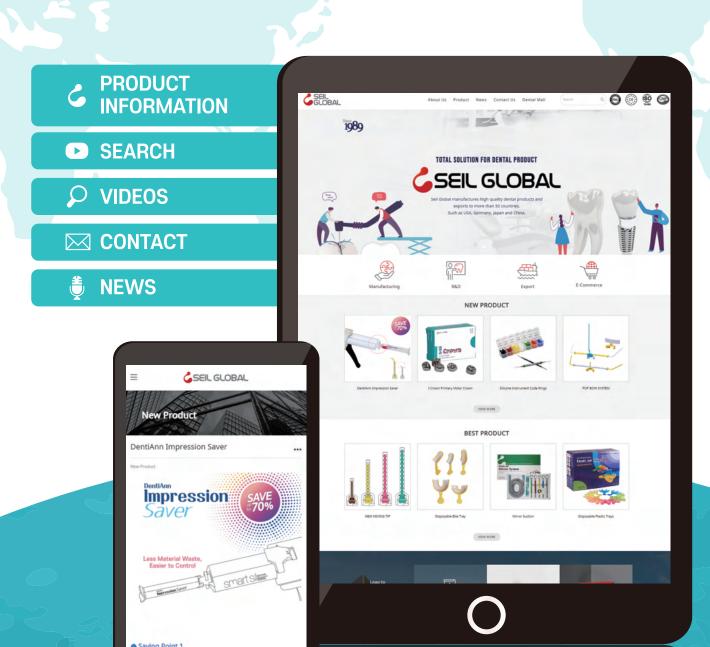
Other DentiAnn Product



# www.seilglobal.com

# SEIL GLOBAL WEBSITE

Seil Global website interface is now optimized for any user environment.



All 50ml Cartridge can be connected

Can be used with all 50ml cartridge type light body



# YOUR BEST PARTNER





**SEIL GLOBAL CO.,LTD** 

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