

**DiaDent**<sup>®</sup>



**2019**

**DiaDent Europe B.V.**

serving 123 countries around the world ●●●



*DiaDent's innovative and reliable items, services and processes are recognized as the world's brand, today DiaDent has been exporting them to over 900 dealers in 123 countries all around the globe.*

## Welcome to DiaDent

### Passion for Innovation!

DiaDent is one of the leading Endodontic supply companies in the dental industry since 1985. For more than 32 years, DiaDent has been dedicated to making a better and high-quality dental products through our passion for the Innovation and leads the global market in high-advanced Endodontic items manufacturing and supplying.

From its inception as exporting Gutta Percha Points and Paper Points, DiaDent has grown to become a global leader, specializing in Endodontic devices and materials. DiaDent's innovative and reliable items, services and processes are recognized as the world's brand, today DiaDent has been exporting them to over 900 dealers in 123 countries all around the globe. DiaDent is taking the world in different systems with the highest standards so that DiaDent can more effectively contribute to create new markets and continue to make a responsible approach to the global business. All of DiaDent's products are inspected by a strict Quality Management System following the ISO 9001 & ISO 13485 standards. Always striving to be better and innovative, DiaDent puts in our utmost efforts to strengthen R&D part to develop brand-new dental devices and items. Our products from DiaDent's R&D part lead us to the global market in high-tech dental manufacturing. Through innovative, reliable products and services and a responsible approach to the business and collaboration with our partners and customers, DiaDent will continue to see every challenge as the world's recognized leaders in the dental industry.

Everyone here at DiaDent would like to thank you, our valued customers and business partners, for your continued support and loyalty. We wish everyone another happy and prosperous year ahead.

Sincerely,

**DiaDent Group International**



# DiaDent's Network

## DiaDent Group International (Korea & International)

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 E-mail: diadent@diadenteuropa.com

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- ARMENIA
- ARGENTINA
- AUSTRALIA
- AUSTRIA
- AZERBAIJAN
- BAHRAIN
- BANGLADESH
- BELARUS
- BELGIUM
- BOLIVIA
- BOSNIA & HERZEGOVINA
- BRAZIL
- BRUNEI
- BULGARIA
- CANADA
- CAMBODIA
- COSTA RICA
- CHILE
- CHINA
- COLOMBIA
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- TRINIDAD & TOBAGO
- TUNISIA
- TURKEY
- UAE
- UGANDA
- UNITED KINGDOM
- UKRAINE
- U.S.A
- URUGUAY
- UZBEKISTAN
- VENEZUELA
- VIETNAM
- YEMEN

## INDEX

06

### ROOT CANAL OBTURATION

- Millimeter Marked Gutta Percha Points
- Special Taper Gutta Percha Points
- Millimeter Marked Paper Points
- Special Taper Paper Points
- Temporary Filling Materials
- Temporary Cements
- Diapaste (Premixed Calcium Hydroxide Paste with Barium Sulfate)
- Dia Pro Seal
- DiaDuo (Cordless Warm Vertical & Backfill Obturation Device)

19

### COSMETIC & RESTORATIVES

- Dual Cure Core Build-up Composite
- Restorative Micro Hybrid Composite Resin
- Flowable Restorative Composite Resin
- Light Cure Bonding Agent
- Etching Gel
- Light Cure Pit & Fissure Sealant
- EDTA Water Based Cleaner
- EDTA Root Canal Preparation Cream
- Cordless LED Curing Light

29

### ENDODONTIC INSTRUMENTS

- Nickel Titanium Rotary Files
- Flexible K-File
- Lentulo
- Probe File
- Gate Drills
- Peeso Reamers
- Nickel Titanium Hand Files
- Stainless Steel Hand Files
- Stainless Steel Spreader
- Stainless Steel Plugger
- Endo Condenser
- Endo Gauges
- Irrigation Syringes

41

### MISCELLANEOUS ITEMS

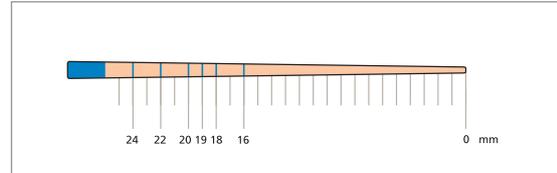
- Aluminum Endo Storage Boxes
- Protective Shields & Glasses
- Sterilizing Containers & Trays
- Bur Blocks & Stands
- Prophy Cups
- Prophy Brushes
- Instrument cassettes & Storage Trays
- Glass Items
- ID - Rings
- Cotton Roll Dispenser
- Retractor & Endo Training Bloc

## DiaDent's Millimeter Marked Gutta Percha Points & Paper Points

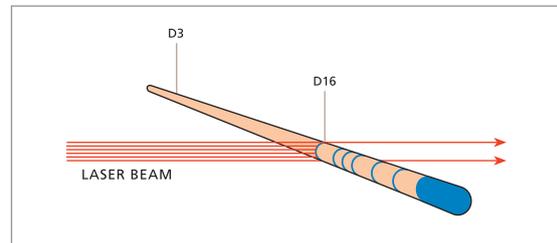
- All DiaDent Points are Hand Jig Rolled to exacting standards.
- They are uniformly tapered and unsurpassed for consistency in sizing.
- All Points are laser inspected to ensure the tightest tolerances surpassing ISO standards.

### Millimeter Marked Gutta Percha Points

- Quick and easy method for depth measurements.
- Points with mm marking at 16mm, 18mm, 19mm, 20mm, 22mm and 24mm.
- Eliminates apex perforations which may lead to bleeding.
- Reaches the apex, completely seal the entire length of the canal.
- Save chair time with premeasured points.
- Most accurate depth measurements.



**Millimeter Marked**

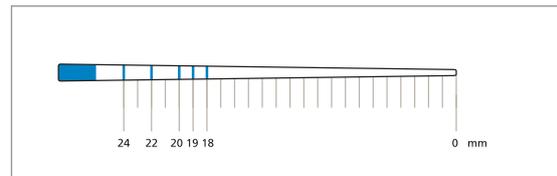


### Computerized Laser Inspection System

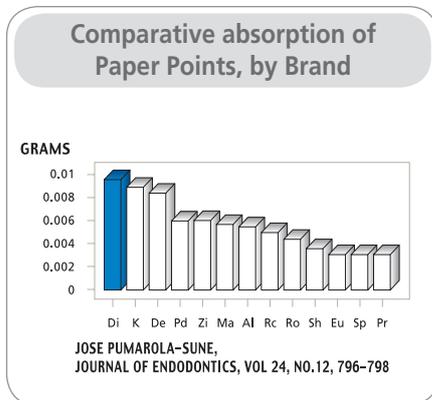
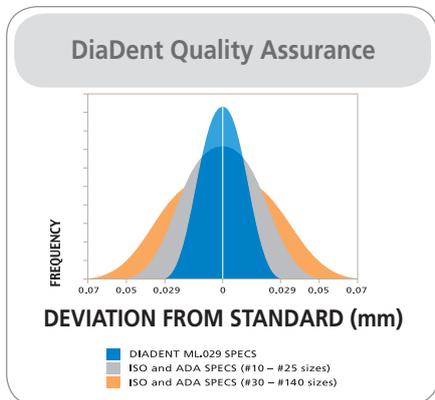
- Each point is inspected by the laser beam.
- Using a laser beam, each DiaDent ML.029 point is individually inspected for diameters at D3 and D16.
- ISO and ADA standard requires the use of 1/100mm incremental measurement units, DiaDent uses 1/1,000mm increments.

### Millimeter Marked Paper Points

- Quick and easy method for depth measurements.
- Points with mm marking at 18mm, 19mm, 20mm, 22mm and 24mm.
- Eliminates apex perforations which may lead to bleeding.
- Completely drying the entire length of the canal.
- Save chair time with premeasured points.
- Most accurate depth measurements.



**Millimeter Marked**



- #### DIADENT PATENTS
- US Patent No. 6,004,133
  - International Patents pending.
  - European Patents No. 0964656
  - United Kingdom Patents No. 0964656
  - Deutsches Patents No. EP 0964656

## Hand Jig Rolled Points vs Machine Rolled Points

- DiaDent's method of hand rolling the points ensures the following:

#### DiaDent Hand Jig Rolled Gutta Percha Points

- Consistent, Uniform taper
- Smooth, Rounded Bullet shaped tips
- Readily conforms to shape of canal
- Greater likelihood of optimal apical seal

#### Machine Rolled Gutta Percha Points

- Inconsistent taper
- Uneven, Unpredictably shaped tips
- Overlapping of material of the tips
- Reduced likelihood of optimal apical seal

ML.029

MILLIMETER MARKED + LASER INSPECTED GUTTA PERCHA POINTS



**ML.029**

M - Millimeter Marked  
L - Laser Inspected  
.029 - Diameter Tolerance

**Available Sizes**

Size	P-63
XF	ML 102-601
FF	ML 102-602
MF	ML 102-603
F	ML 102-604
FM	ML 102-605
M	ML 102-606
ML	ML 102-607
L	ML 102-608
XL	ML 102-609
XF/M	ML 102-691

(Pkg. of 100)

**Size vs Color Chart**

15	45	90	XF	ML
20	50	100	FF	L
25	55	110	MF	XL
30	60	120	F	08
35	70	130	FM	10
40	80	140	M	

Size	P-43	P-63
#8		ML 101-601
#10		ML 101-602
#15	ML 101-403	ML 101-603
#20	ML 101-404	ML 101-604
#25	ML 101-405	ML 101-605
#30	ML 101-406	ML 101-606
#35	ML 101-407	ML 101-607
#40	ML 101-408	ML 101-608
#45	ML 101-409	ML 101-609
#50	ML 101-410	ML 101-610
#55	ML 101-411	ML 101-611
#60	ML 101-412	ML 101-612
#70	ML 101-413	ML 101-613
#80	ML 101-414	ML 101-614
#15/40	ML 101-491	ML 101-691
#45/80	ML 101-492	ML 101-692
#90/140	ML 101-493	ML 101-693

(Pkg. of 120)

**Package Information**

• **P-43 Vial Package**

Contains 6 light weight plastic square vials with color coded caps  
Box dimension :  
77 x 17 x 50mm(W x H x D)

• **P-63 Spill Proof Package**

6 compartments with outer paper box  
Box dimension:  
73 x 17 x 49mm(W x H x D)

DIA-PROISO.04/.06 PLUS

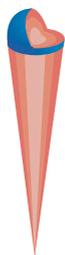
MILLIMETER MARKED + LASER INSPECTED SPECIAL TAPER GUTTA PERCHA POINTS

- Millimeter Marked Special Taper Gutta Percha Points.
- Designed to be used to complement for Profile, Hero & K3 files .
- Available in taper .04 & .06

**Available Sizes**

Size	Dia-ProIso .04 Plus	Dia-ProIso .06 Plus
	P-63	P-63
#15	ML 158-603	ML 159-603
#20	ML 158-604	ML 159-604
#25	ML 158-605	ML 159-605
#30	ML 158-606	ML 159-606
#35	ML 158-607	ML 159-607
#40	ML 158-608	ML 159-608
#45	ML 158-609	ML 159-609
#50	ML 158-610	ML 159-610
#55	ML 158-611	ML 159-611
#60	ML 158-612	ML 159-612
#70	ML 158-613	ML 159-613
#80	ML 158-614	ML 159-614
#15/40	ML 158-691	ML 159-691
#45/80	ML 158-692	ML 159-692

(Pkg. of 60)



- 6% Dia-ProISO .06 Plus
- 4% Dia-ProISO .04 Plus
- 2% ML.029 / MMPP



**DIA-PROT**



- Designed to be used to complement **Protaper Files.**
- Millimeter Marked Points
- One hand slide open lid

Size	ITEM No.
#F1	ML 150-S601
#F2	ML 150-S602
#F3	ML 150-S603
#F4	ML 150-S604
#F5	ML 150-S605
#F1/F3	ML 150-S691
#F4/F5	ML 150-S692
#F1/F5	ML 150-S693

(Pkg. of 60)

**DIA-PROT NEXT\* NEW**



- Designed to be used to complement **Protaper Next Files**
- Millimeter Marked Points
- One hand slide open lid

Size	ITEM No.
#X2	ML167-S602
#X3	ML167-S603
#X4	ML167-S604
#X5	ML167-S605
#X2/X5	ML167-S691
#X2/X3	ML167-S692

(Pkg. of 60)

**DIA-PRO R**



- Designed to be used to complement **RECIPROC® Files.**
- Millimeter Marked Points

Size	ITEM No.
#25	ML164-605
#40	ML164-608
#50	ML164-610
#Asst(25/40/50)	ML164-691

(Pkg. of 60)

**DIA-PRO W**



- Designed to be used to complement **Wave One Files.**
- Millimeter Marked Points
- One hand slide open lid

Size	ITEM No.
#Small	ML165-601
#Primary	ML165-602
#Large	ML165-603
#Asst(Small/Primary/Large)	ML165-691

(Pkg. of 60)

**DIA-PRO W GOLD\* NEW**



- Designed to be used to complement **Wave One Gold Files.**
- Millimeter Marked Points
- One hand slide open lid

Size	ITEM No.
#Small	ML168-S601
#Primary	ML168-S602
#Medium	ML168-S603
#Large	ML168-S604
#Asst(Small/Primary/Medium/Large)	ML168-S691

(Pkg. of 60)

**DIA-PINK**



- Shorter than usual to suit slightly shorter canals
- available in 20 mm length
- Widely used in Europe
- One hand slide open lid

Size	ITEM No.
#XXF	103-601
#XF	103-602
#F	103-603
#M	103-604
#L	103-605
#XXF/L	103-691

(Pkg. of 100)

**DIA-GP GAUGE**

• **ITEM #781-001**

- Designed to size a perfect master cone from any Gutta Percha Points.
- Drop it into the apical size and cut off with a blade.
- Autoclavable
- Dimensions: 92 x 3 x 20m/m(W x H x D)



MMPP

MILLIMETER MARKED PAPER POINTS



- MMPP is marked to provide preliminary guidance in measuring the root canal depth before proceeding clinically with the application of the Gutta Percha Points.
- These points are highly absorbent and color coded to identify ISO tip sizes.

Available Sizes

Size	P-33	P-63
XXF	MP 202-301	MP 202-601
XF	MP 202-302	MP 202-602
F	MP 202-303	MP 202-603
M	MP 202-304	MP 202-604
C	MP 202-305	MP 202-605
XC	MP 202-306	MP 202-606
XXF/XC	MP 202-391	MP 202-691

(Pkg. of 200)

Size	P-33	P-43	P-63
#8	MP 201-301		MP 201-601
#10	MP 201-302		MP 201-602
#15	MP 201-303	MP 201-403	MP 201-603
#20	MP 201-304	MP 201-404	MP 201-604
#25	MP 201-305	MP 201-405	MP 201-605
#30	MP 201-306	MP 201-406	MP 201-606
#35	MP 201-307	MP 201-407	MP 201-607
#40	MP 201-308	MP 201-408	MP 201-608
#45	MP 201-309	MP 201-409	MP 201-609
#50	MP 201-310	MP 201-410	MP 201-610
#55	MP 201-311	MP 201-411	MP 201-611
#60	MP 201-312	MP 201-412	MP 201-612
#70	MP 201-313	MP 201-413	MP 201-613
#80	MP 201-314	MP 201-414	MP 201-614
#15/40	MP 201-391	MP 201-491	MP 201-691
#45/80	MP 201-392	MP 201-492	MP 201-692
#90/140	MP 201-393	MP 201-493	MP 201-693

Package Information

• P-33 Cell Package

Points remain sterile until opened  
Box dimension: 78 x 19 x 50mm(W x H x D)

• P-43 Vial Package

Contains 6 light weight plastic square vials with color coded caps  
Box dimension: 77 x 17 x 50mm(W x H x D)

• P-63 Spill Proof Package

6 compartments plastic package  
Box dimension: 73 x 17 x 49mm(W x H x D)

Size vs Color Chart

8	10		
15	45	90	XXF
20	50	100	XF
25	55	110	F
30	60	120	M
35	70	130	C
40	80	140	XC

Contents

Size	P-33	P-43	P-63
#08-80	200pcs	200pcs	200pcs
#90-140	200pcs	120pcs	120pcs

DIA-PROISO .04/.06 PLUS

MILLIMETER MARKED SPECIAL TAPER PAPER POINTS

- Millimeter marked Special Taper Absorbency Paper Points.
- Designed to be used for drying and cleaning the canals prepared with **Profile, Hero & K3 files**.
- Available in .04 & .06 taper.



Available Sizes

Size	Dia-Proiso .04 Plus	Dia-Proiso .06 Plus
	P-63	P-63
#15	MP 258-603	MP 259-603
#20	MP 258-604	MP 259-604
#25	MP 258-605	MP 259-605
#30	MP 258-606	MP 259-606
#35	MP 258-607	MP 259-607
#40	MP 258-608	MP 259-608
#45	MP 258-609	MP 259-609
#50	MP 258-610	MP 259-610
#55	MP 258-611	MP 259-611
#60	MP 258-612	MP 259-612
#70	MP 258-613	MP 259-613
#80	MP 258-614	MP 259-614
#15/40	MP 258-691	MP 259-691
#45/80	MP 258-692	MP 259-692

(Pkg. of 100)

DIA-PROISO .04/.06 PLUS IN THE CELL PACKAGE



Cell pkg	Dia-Proiso .04 Plus	Dia-Proiso .06 Plus
#15	MP258-703	MP259-703
#20	MP258-704	MP259-704
#25	MP258-705	MP259-705
#30	MP258-706	MP259-706
#35	MP258-707	MP259-707
#40	MP258-708	MP259-708
#15/40	MP258-791	MP259-791

(Pkg. of 100)

- Points remain sterile until opened

## DIA-PROT



- Designed to be used to complement **Protaper Files.**
- Millimeter Marked Points
- One hand slide open lid

Size	ITEM No.
#F1	MP250-S601
#F2	MP250-S602
#F3	MP250-S603
#F4	MP250-S604
#F5	MP250-S605
#F1/F3	MP250-S691
#F4/F5	MP250-S692
#F1/F5	MP250-S693

(Pkg. of 100)

## DIA-PROT NEXT\* NEW



- Designed to be used to complement **Protaper Next Files.**
- Millimeter Marked Points
- One hand slide open lid

Size	ITEM No.
#X2	MP267-S602
#X3	MP267-S603
#X4	MP267-S604
#X5	MP267-S605
#X2/X5	MP267-S691
#X2/X3	MP267-S692

(Pkg. of 100)

## DIA-PRO R



- Designed to be used to complement **RECIPROC® Files.**
- Millimeter Marked Points

Size	ITEM No.
#25	MP264-605
#40	MP264-608
#50	MP264-610
#Asst(25/40/50)	MP264-691

(Pkg. of 100)

## DIA-PRO W



- Designed to be used to complement **Wave One Files.**
- Millimeter Marked Points
- One hand slide open lid

Size	ITEM No.
#Small	MP265-601
#Primary	MP265-602
#Large	MP265-603
#Asst(Small/Primary/Large)	MP265-691

(Pkg. of 100)

## DIA-PRO W GOLD\* NEW



- Designed to be used to complement **Wave One Gold Files.**
- Millimeter Marked Points
- One hand slide open lid

Size	ITEM No.
#Small	MP268-S601
#Primary	MP268-S602
#Medium	MP268-S603
#Large	MP268-S604
#Asst(Small/Primary/Medium/Large)	MP268-S691

(Pkg. of 100)

## PACKAGE INFORMATION

### • P-63 Spill Proof Package

6 compartments with outer paper box.  
Box dimension: 73 x 17 x 49mm (W x H x D)



### • P-43 Vial Package

Contains 6 light weight plastic square vials with color coded caps  
Box dimension: 77 x 17 x 50mm (W x H x D)



### • SP-60 Slide Package

One hand slide open lid  
Cellophane shrink-wrapped package  
Box dimension: 70 x 13 x 45 mm (W x H x D)



### • P-33 Cell Package

Points remain sterile until opened  
Box dimension: 78 x 19 x 50mm (W x H x D)



## TEMPORARY STOPPING



- For temporary filling and thermal diagnostics tool.
- A warmed stick with pinpoint thermal sensitivity.
- High quality Gutta Percha.
- Easy to heat.
- Available in White

White	
120g	180-201

## DIATEMP™

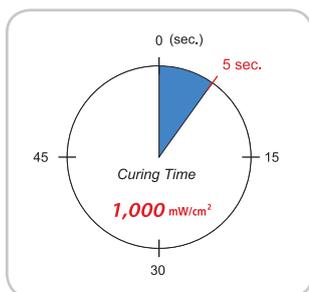
## A VISIBLE, LIGHT CURED TEMPORARY FILLING MATERIAL

Light Cured material with nano-sized silver for temporary/intermediate restorations of inlay and onlay, for relining prefabricated crowns and bridges.



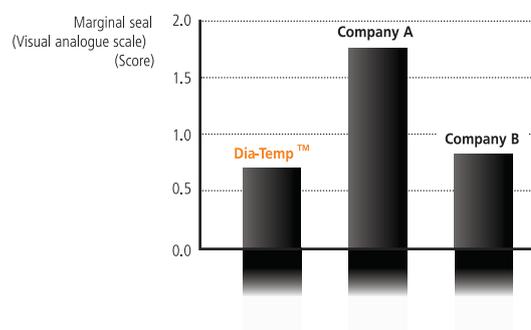
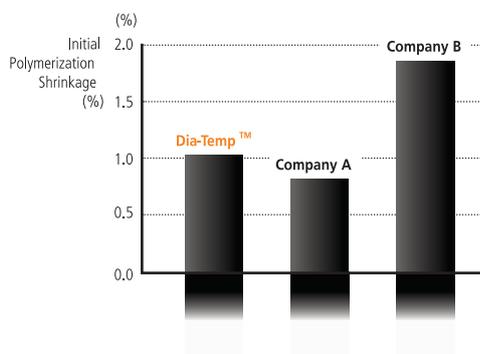
### Benefits

- Quick and simple removal: Can be removed in one piece
- High wear resistance, mechanical strength
- Ensures a fast set
- Excellent adhesion
- Easy application: Convenient syringe dispensed material does not require mixing
- Blue Dia-Temp is ideal for Posterior teeth
- Yellow Dia-Temp is ideal for Anterior teeth



### Packages

- 3 syringes of 3g
- ITEM #2003-1101 Blue
- ITEM #2003-1201 Yellow



**E-TEMP HYDRAULIC TEMPORARY RESTORATIVE MATERIAL**

- Temporary filling material for standard cavities and post-endodontic treatments.



**Benefits**

- Temporary Filling Material for Standard Cavities.
- Easily setting initiated by saliva.
- Excellent adaptability.
- Easy to remove.
- Adheres to dentine, expands slightly during the setting and hardens rapidly to ensure hermetical seal.
- Improved the mechanical properties for the quick temporary filling.

**Directions**

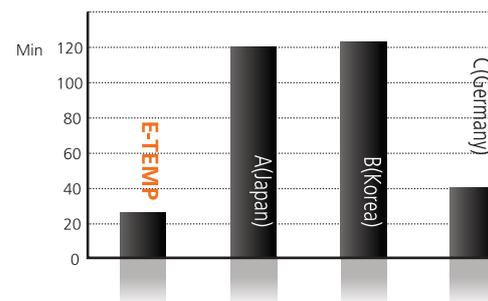
- Prepare and dry the cavity with a small cotton pellet.
- Transfer E-TEMP to the cavity using a suitable instrument and form the contour. In the case of occlusal Class I, the patient bites down on the surface, and then form the contour.
- After the patient close the mouth, E-TEMP will harden within 25 minutes. Recommend the patient to avoid the strong pressure or abrasion for at least 2 hours.

**Package**

- 30g ITEM #2004-1001

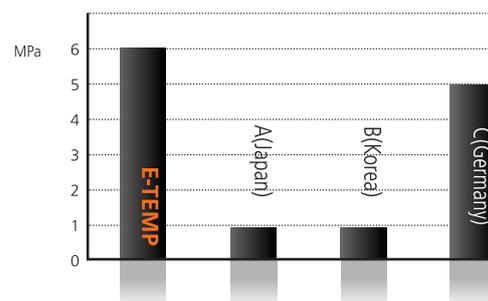


**Setting Time**



- This test is measured as ISO 3107 regulations after the same setting time in the laboratory(R&D DiaDent 2013)

**Compressive Strength**



- This test is measured as the same condition at 37 degrees and 95% humidity in the laboratory(R&D DiaDent 2013)

**DiaCem™ TempNE****NON EUGENOL TEMPORARY CEMENT**

- Non-Eugenol Temporary cement for trial cementing restorations or temporary crowns and bridges

**Features**

- Easy and precise direct dosing
- No hand mixing and Stable mix of base and catalyst viscosity with the automix tip
- High bond strength to prevent leakage and sensitivity to cold and heat
- Easy removal for the patient comfort
- Low film thickness with high compressive and flexural strength
- Fast working time(3 min) and setting time(5 min in the mouth)

**Packages**

- **ITEM#2004-2101 2 Syringes of 10g, 10 Automix tips**
- **ITEM#2001-6112 20 Automix tips**

**DIAPASTE™****CALCIUM HYDROXIDE PASTE WITH BARIUM SULFATE****Characteristics**

- Premixed Calcium Hydroxide + Barium Sulfate paste for root canal treatment.
- Temporary root filling.
- Root canal filling for primary teeth.
- Use after pulp extirpation treatment.
- Filling on the pulpotomy.
- Temporary Pulp Capping.

**Benefits**

- Water Soluble: Easy to clean and remove, reduce operative time
- Easy and quick access
- Radiopaque
- Antibacterial

**Packages**

- **ITEM #1001- 402 Regular Kit**  
- 2g of paste and 10 disposable tips with cap
- **ITEM #1001- 320 Transparent Disposable Syringe Tips**  
- 20 disposable tips.  
(from 2019)

**DIA-PROSEAL™** ROOT CANAL SEALING MATERIAL

- DIA-PROSEAL™, root canal sealer is an epoxy resin-based formula with outstanding flow characteristics.



**Benefits**

- The ideal root sealer with Low Shrinkage reduced gapping between the sealer and canal wall.
- Low solubility makes it resistant to breaking down over time.
- 1:1 paste to paste manual mixing system.
- Fast and Easy Preparation and Less Waste.
- Mixing and handling is very smooth.
- Excellent flow properties allow it to reach and seal lateral canals, making it especially suited to warm gutta-percha methods.
- Low risk of cytotoxicity with short setting time.
- Better biocompatibility for a solution to the sensitivity and periapical inflammation.
- High radiopacity
- Lightly coated Gutta Percha Points with a good film thickness.

**Directions**

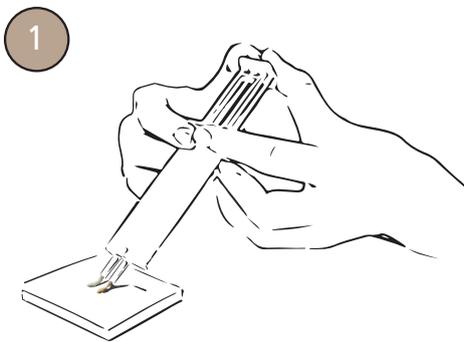
- Prior to application of DIA-PROSEAL™, prepare and shape the root canal using endodontic technique.
- Remove all of debris in the root canal. And disinfect and clean the root canal with Sodium Hypochlorite or EDTA solution and dry it.
- Using DIA-PROSEAL™ in dual syringes, press the syringe and squeeze equal volume units of Base material (yellow) and Catalyst material(white) in the ratio of 1:1 on a mixing pad.
- Mix the Base material(yellow) and Catalyst material(white) with a spatula for 10~20 sec to be mixed into a ivory color completely.
- Apply only a light coating of DIA-PROSEAL™ to Gutta Percha Points(silver or titanium root canal points also) and put points into the apex slowly.
- Please check the seal by X-Ray.

**Package**

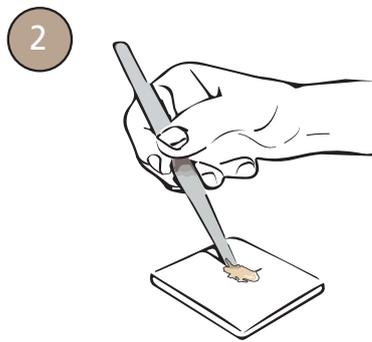
- **ITEM#1003-201**
- 1 Syringe of 16g (Base 6.5g + Catalyst 9.5g)
- 1 Mixing pad
- 1 Spatula

**DIA-PROSEAL™** ROOT CANAL SEALING MATERIAL

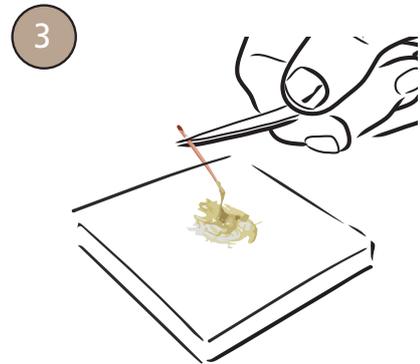
**INSTRUCTIONS**



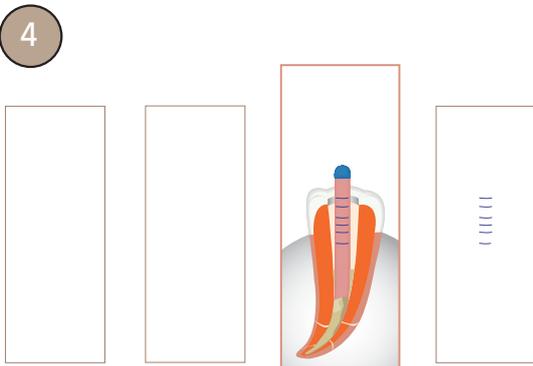
1 - Press the syringe with two hands to apply Base and Catalyst in 1:1 on the mixing pad



2 - Mix Base and Catalyst for 10~20 sec with the spatula as 1:1 paste to paste manual mixing system



3 - Coat Gutta Percha Points in the mixed DIA-PROSEAL



4 - Put Gutta Percha Points into the root canal

**RADIOGRAPHS**



- High radiopacity with DIA-PROSEAL™

**DIA-DUO****CORDLESS WARM VERTICAL COMPACTION &  
BACKFILL OBTURATION DEVICE****NEW**

**Dia-Duo** is new developed Cordless Obturation System included Duo-Pen warm vertical compaction device and Duo-Gun backfill obturation device. Duo-Pen offers excellent warm vertical compaction with quick heating tip. Duo-Gun with quick heating system allows the fast and perfect obturation delivery. Duo-Gun and Duo-Pen are located in one charger.

**Packages**

- **ITEM #4007-2000 Regular Kit**

- Duo-Gun Handpiece, Duo-Pen Handpiece & Duo-Charger
- Accessories: Heating Condenser #.04-50, Heating Condenser #.06-50, Duo-Pen Battery, Disposable Sheaths (200ea/Box) GP Obturation Tip(23G, 4ea), Gutta Percha Obturator (100ea), Duo-Gun Battery, Safety Cap(2ea), Plunger set, Plunger O-Ring Assembly(2ea), Multi Tool, Scrubbing Brush, Power Adapter, AC Power Cord

**Accessories**

- **ITEM #4007-2010 Duo-Gun Handpiece**
- **ITEM #4007-2020 Duo-Pen Handpiece**
- **ITEM #4007-2030 Duo Charger**
- **ITEM #4007-2080 Duo-Gun Battery**
- **ITEM #4007-2090 Duo-Pen Battery**

\* Go to Page 16 & 17 to find all of Accessories.



## DUO-PEN

## CORDLESS WARM VERTICAL COMPACTION DEVICE

NEW

Duo-Pen is Cordless Warm Vertical Compaction Device and also Duo-Pen has the optimum functionality and quality and is full proven effective for the downpack obturation system.



### Techniques

- **Softening** the root canal filling material (Gutta Percha Points) during root canal treatment
- **Spreading** the root canal filling material (Gutta Percha Points) laterally and vertically
- **Cutting** the root canal filling material (Gutta Percha Points)
- **Compacting** the root canal filling material (Gutta Percha Points) using heat

### Features

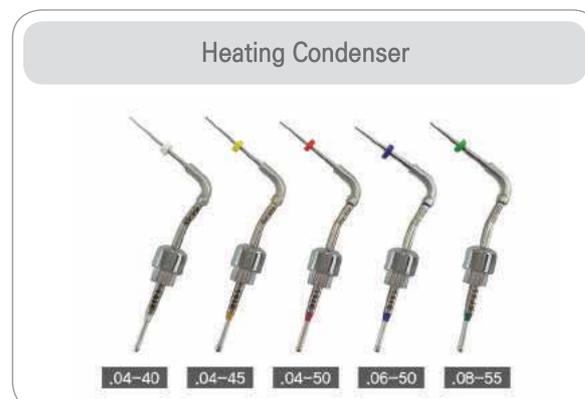
- Excellent result with warm and vertical compaction for all canals including lateral canals. Duo-Pen offers reliable results with tightly sealed root canals
- Cordless, ergonomic and lightweight design
- Quick heating tip reaches high level of temperature within one (1) second to save treatment time
- Display in the handpiece shows the remaining battery power, error and setting temperature
- The effective temperature control prevents the pen tip from burning out
- Duo-Pen handpiece automatically recognizes the size of tip
- Color-coded heating condensers are available in various sizes (#.04-40, .04-45, .04-50, .06-50, .08-55) for easy identification
- Three temperature settings (170°C, 200°C, 230°C)

### Packages

- **ITEM #4007-2002 Regular Kit**
  - Duo-Pen Handpiece & Charger
  - Accessories: Heating Condenser #.04-50, Heating Condenser #.06-50, Disposable Sheaths (200ea/Box), Power Adapter, AC Power Cord

### Accessories

- ITEM #4007-2020 Handpiece
- ITEM #4007-2032 Charger
- ITEM #4007-2070 Heating Condenser(.04-40) 1ea
- ITEM #4007-2071 Heating Condenser(.04-45) 1ea
- ITEM #4007-2072 Heating Condenser(.04-50) 1ea
- ITEM #4007-2073 Heating Condenser(.06-50) 1ea
- ITEM #4007-2074 Heating Condenser(.08-55) 1ea
- ITEM #4007-2075 Heating Condenser(.04-50/.06-50), 1ea each
- ITEM #4007-2090 Battery
- ITEM #4007-2270 Disposable Sheath(200ea/box)
- ITEM #4007-2280 Power Adapter
- ITEM #4007-2287 AC Power Cord



**DUO-GUN****CORDLESS BACKFILL OBTURATION DEVICE****NEW**

Duo-Gun is Cordless Obturation System Device, Duo-Gun offers fast and easy obturation delivery. With this effective obturation system and technique, optimum results are achieved.

**Features**

- Cordless and Compact design allows complete freedom of movement
- Reliable Gutta Percha filling to the desired level without delay
- Variable Temperature settings (140°C, 170°C, 200°C): precise control of obturation flow
- Quick heating system: Temperature reaches 200°C within 15 seconds
- Fast and continuous flow of filling tightly seals the canal
- Left-handed person can push on/off button easily, both sides of handpiece have the power button
- Both displays of Handpiece show the remaining battery power, error and setting temperature
- The ergonomic design enables the obturation with a minimum input of force
- Durable heater is installed to minimize minor troubles
- Maintain the stable temperature during the operation with the accurate temperature control system

**Packages**

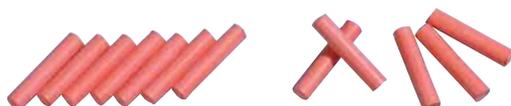
- **ITEM #4007-2001 Regular Kit**
  - Duo-Gun Handpiece & Charger
  - Accessories: GP Obturation Tips (23G, 4ea), Plunger Set, Multi Tool (1ea) Safety Caps (2ea), Gutta Percha Obturator (100ea), Plunger O-ring Assembly (2ea), Scrubbing Brush, Battery, Power Adapter, AC Power Cord

**Accessories**

- ITEM #4007-2010 Handpiece
- ITEM #4007-2031 Charger
- ITEM #4007-2080 Battery
- ITEM #4007-2120 GP Obturation Tip(23G, 4ea)
- ITEM #4007-2121 GP Obturation Tip(25G, 4ea)
- ITEM #4007-2130 Safety Cap (2ea)
- ITEM #4007-2140 Plunger Set
- ITEM #4007-2150 Plunger O-Ring Assembly (2ea)
- ITEM #4007-2160 Multi Tool (1ea)
- ITEM #4007-2161 Scrubbing Brush (1ea)
- ITEM #4007-2280 Power Adapter
- ITEM #4007-2287 AC Power Cord
- ITEM #181-101 Gutta Percha Obturator(Medium type, 100ea)

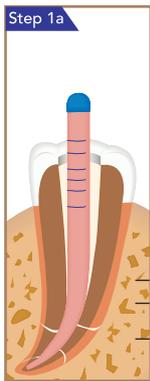
**GUTTA PERCHA OBTURATOR**

- **ITEM #181-101 Medium type**
  - Designed to use with Duo-Gun.
  - Specially formulated Gutta Percha with excellent flowing characteristics.
  - Easy to heat
  - Pkg. of 100

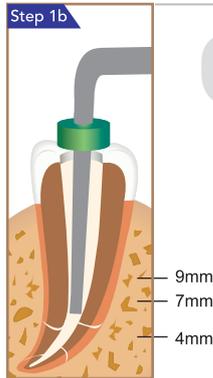


# ROOT CANAL OBTURATION TECHNICAL SEQUENCE

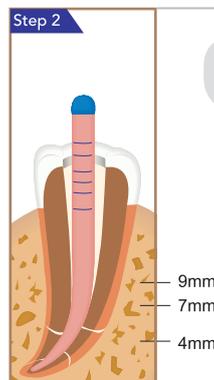
## DOWNPACK OBTURATING WITH DUO-PEN



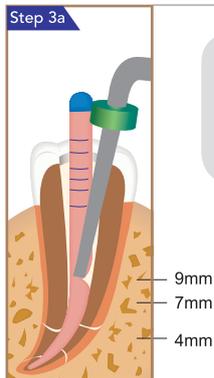
Step 1a  
Shape the root canal with Endo Files and check the working length. Select the master Gutta Percha cone to be filled in the canal.



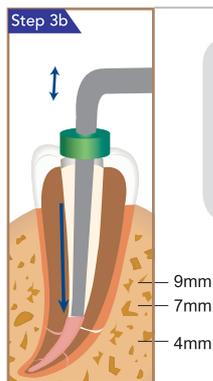
Step 1b  
Insert pen tip into the root canal to the point 4~7mm short of the working length and fit Endo Stop in the pen tip.



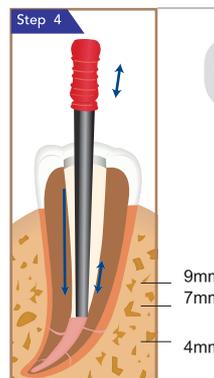
Step 2  
Fill the master Gutta Percha cone that is dipped in a sealer.



Step 3a  
Place pen tip in the orifice of the canal and activate the device by pressing the Operation Button, using the activated pen tip, cut the middle of Gutta Percha cone and downpack it to the point 6~9mm from the APEX about 1.5~2 seconds only.



Step 3b  
Release the Operation Button to allow pen tip to begin cooling, while at the same time continue pushing and holding the cooled pen tip to the APEX for 8 seconds to fill the canal completely. Activate the pen tip again by pressing and holding the Operation Button for about 1~1.5 seconds, compact the Gutta Percha cone to the point 4~7mm of working length.



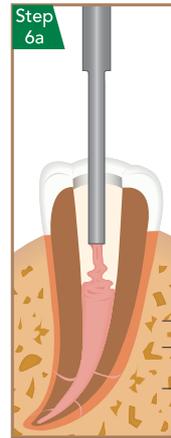
Step 4  
Condense the remaining material using with hand plugger.

## ROOT CANAL OBTURATION TECHNICAL SEQUENCE

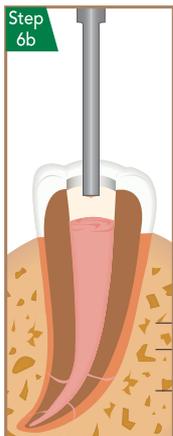
### BACKFILL OBTURATING WITH DUO-GUN



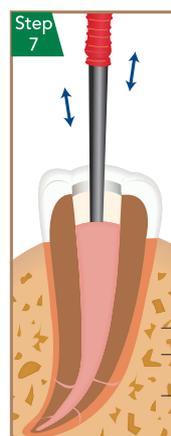
Using Duo-Gun's tip, make contact with the upper part of filled master cone in the canal, transfer heat for 3 to 5 seconds.



Flow the melted Gutta Percha Obturator to the root canal.



Continue flowing while withdrawing the needle from the canal.



Use a hand plunger to compact obturation material.

### Radiographs



Perfect and tightly sealed root canals after the root canal warm obturation technique with Duo-Gun & Duo-Pen.

**DIAFIL CORE™ AUTOMIX****DUAL CURED CORE BUILD-UP COMPOSITE**

Dual-curing(Light and self-curing) core build-up and radiopaque two-component composite materials in Automix delivery system

**Benefits**

- Comfortable dispenser: Automix syringes deliver a correct and consistent mix on every uses
  - Easy and precise application with Automix and Intraoral tips
  - Dual curing: Light cure for 40 seconds or Chemical cure within 4 minutes
  - High compressive strength composite resin and long-term durability
  - Cuts and wears like dentin
  - Superior bond strength with DiaPlus
- Available 2 colors : Natural color(A3 shade) for the optimal esthetic results and Blue color

**Packages**

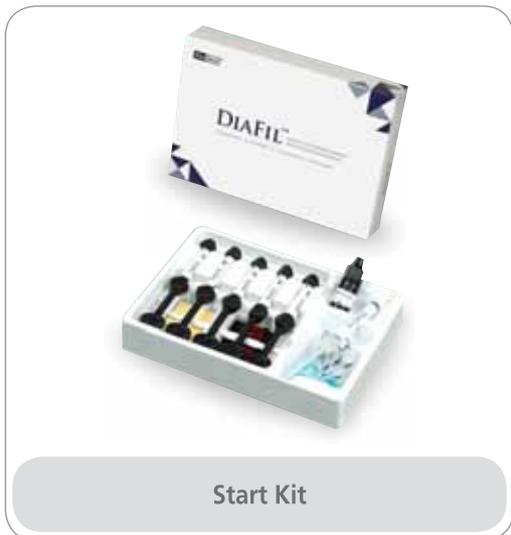
- **ITEM#2001-8101 Natural Color(A3 shade)**
  - 2 syringes of 9g
  - 10 Intraoral tips
  - 10 Automix tips



- **ITEM #2001-8109**
  - 20 Automix tips and 20 Intraoral tips

**DIAFIL™ A LIGHT CURE, ESTHETIC RESTORATIVE MICRO HYBRID COMPOSITE RESIN**

- Micro hybrid composite resin for use in Anterior and Posterior restorations



Start Kit

**Benefits**

- Unique fillers offer minimum polymerization shrinkage which helps reduce stress and sensitivity on the tooth potentially
- Has excellent fracture toughness, high tensile, compressive strengths for long lasting results
- Very easy handling of acceptable viscosity and good marginal adaptation
- Remarkable color stability and superior quality of esthetics
- High Level of radiopacity

**Packages**

• **Start Kit**

- 5 composite resin syringes (4g)
- 1 Bottle bonding agent(5ml)
- 1 Etching gel syringe(3ml)
- Accessories: 50 brush tips, 1 brush handle, mixing well, mixing pad, 10 disposable needle tips, shade sheet

Set	Composite Resin Shades	ITEM No.
START KIT A SET	A1, A2, A3, A3.5, B2	2001-1101
START KIT B SET	A2, A3, A3.5, B2, B3	2001-1102



Refill Package

• **Refill Package**

- 1 syringe x 4g

A1	2001-1201	B2	2001-1207
A2	2001-1202	B3	2001-1208
A3	2001-1203	C2	2001-1210
A3.5	2001-1204	C3	2001-1211
A4	2001-1205	A20	2001-1212
B1	2001-1206	A30	2001-1213



Capsule Type

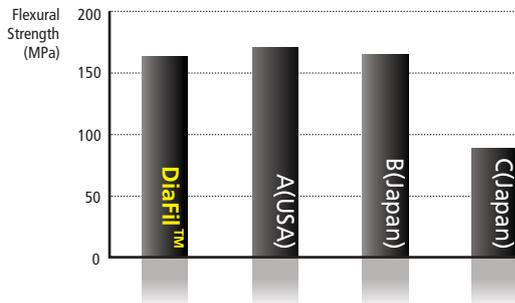
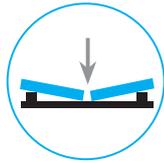
• **Capsule Type**

- 0.25g x 20 capsules

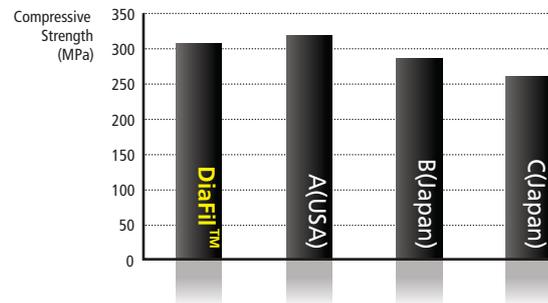
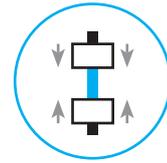
A1	2001-1405
A2	2001-1401
A3	2001-1402
A3.5	2001-1403
B2	2001-1404

# PHYSICAL PROPERTIES

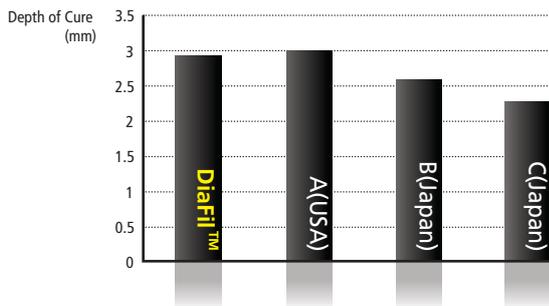
## Flexural Strength



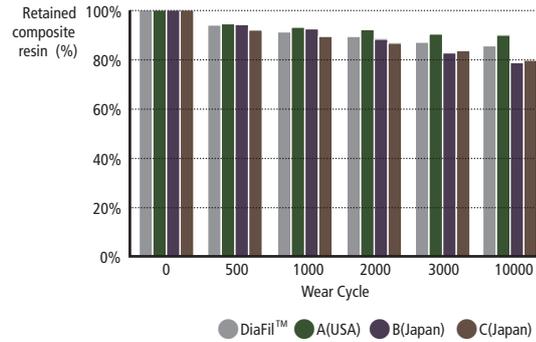
## Compressive Strength



## Depth of Cure



## Abrasive, Wear Resistance



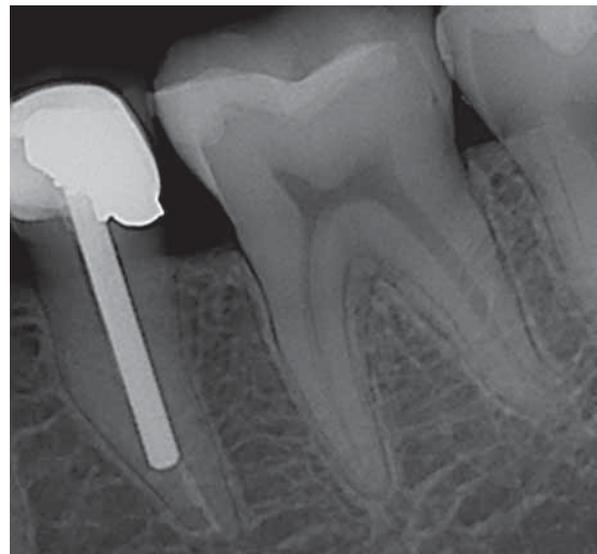
### ●POSTERIOR RESTORATION



### ●ANTERIOR RESTORATION



### ●HIGH RADIOOPACITY



**DIAFIL™ FLOW**

**LIGHT CURED FLOWABLE RESTORATIVE COMPOSITE RESIN**

Flowable composite with very easy handling and high strength



**Benefits**

- Has a high level of fluoride release with no slump, run which helps a fast techniques and handling
- Enables to be used in various restorative procedures
  - : Class III, V and IV direct restorations
  - A liner for Class I, II
  - Pit & Fissure sealant where is required
  - Well suited for minimally invasive dentistry
- Excellent tensile strength and low shrinkage
- High radiopaque materials

**Packages**

- **Economic Package**
  - Flowable Resin 2g x 4 syringes  
(Available shade A1, A2, A3, A3.5, B2, B3, C2)
  - 40 disposable tips(black)
  - Shade Sheet
- **Refill Package**
  - Flowable Resin 2g x 1 syringe  
(Available shade A1, A2, A3, A3.5, B2, B3, C2, A20, A30)
  - 10 disposable tips(black)

SHADE	Economic Pkg.	Refill Pkg.
A1	2001-4101	2001-4201
A2	2001-4102	2001-4202
A3	2001-4103	2001-4203
A3.5	2001-4104	2001-4204
B2	2001-4105	2001-4205
B3	2001-4106	2001-4206
C2	2001-4107	2001-4207
A20		2001-4208
A30		2001-4209

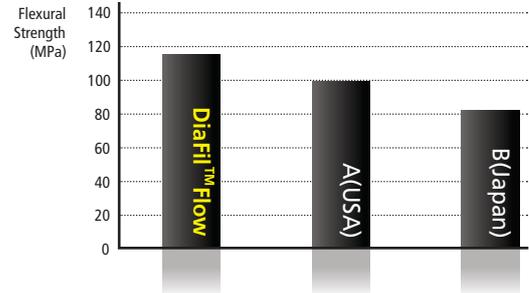
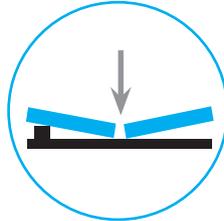
• **Disposable Tips**

- 2001-6108 Bag of 100 pcs

PHYSICAL PROPERTIES

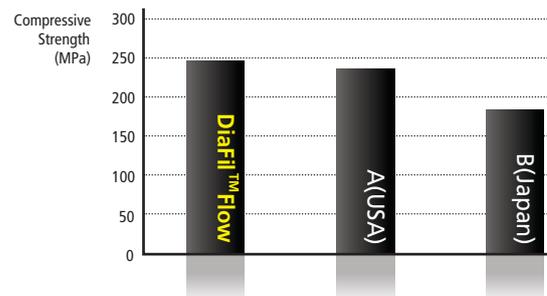
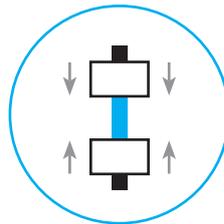
**Flexural Strength**

The flexural strength is measured by pressing a stick-typed experimental material. Flexural strength is the value obtained when the sample breaks, fixing both ends of sample and pressing in the middle of it. This test combines the forces found in compression and tension. DIAFIL™ FLOW shows statistically higher than other 2 brands.



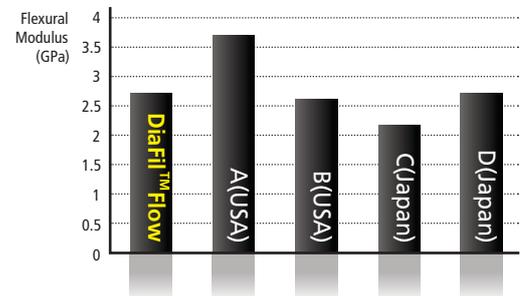
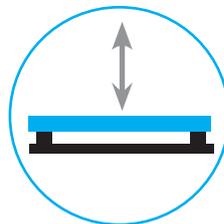
**Compressive Strength**

Compressive strength is particularly important because it is related with masticating forces. Rods are made of the material and simultaneous forces are applied to the opposite ends of the sample length vertically. The sample failure is a result of shear and tensile forces. DIAFIL™ FLOW is statistically higher than other brands.



**Flexural Modulus**

Flexural modulus is a method of defining a material's stiffness. A low modulus indicates high flexible material. DIAFIL™ FLOW shows a similar flexural elastic rate with other flowable composite resins.



●RESTORATION WITH DIAFIL™FLOW



## DIAPLUS™

## SINGLE COMPONENT BONDING AGENT

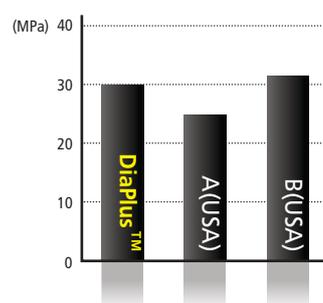
Recommended for all direct composite restorations, light-cured bonding procedures



### Benefits

- High dentin, enamel bond strength performance
- Available in all classes of direct composite restoration
- Indirect restorations of Porcelain, Amalgam or Composite Repair after light curing with a minimal film thickness
- Ethanol-based bonding agent enables to maintain its exceptional bond strength

### Shear bond strength(MPa)



### Packages

- **ITEM #2001-2101**  
- one-bottle bonding agent (1 bottle x 5ml)

## DISPOSABLE BRUSHES

- Flexible adhesive tip allows restorations and small objects of all kind to be picked up, held, carried and placed quickly and easily



Size	ITEM NO.
Small	2001-6301
Medium	2001-6302
Large	2001-6303

(Pkg. of 100)



**DIAPLUS™ G7 SINGLE COMPONENT SELF-ETCHING LIGHT-CURED BONDING AGENT**

DiaPlus™ G7, the innovative 7<sup>th</sup> Generation bonding agent and offers superior and consistent bonding results on dentin and enamel with one bottle, one coat self-etching bonding agent system.

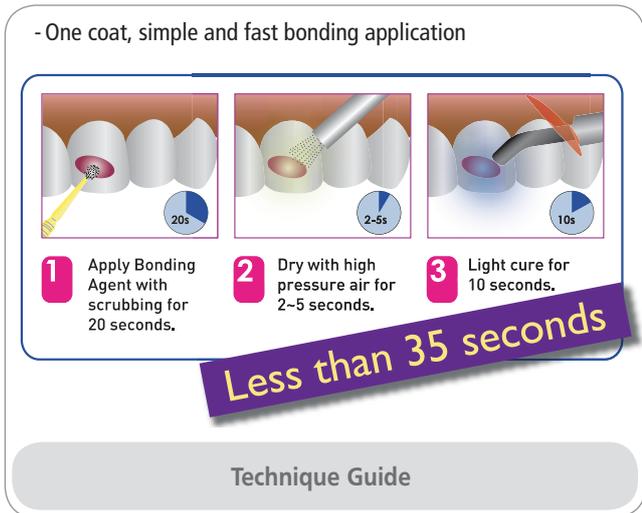
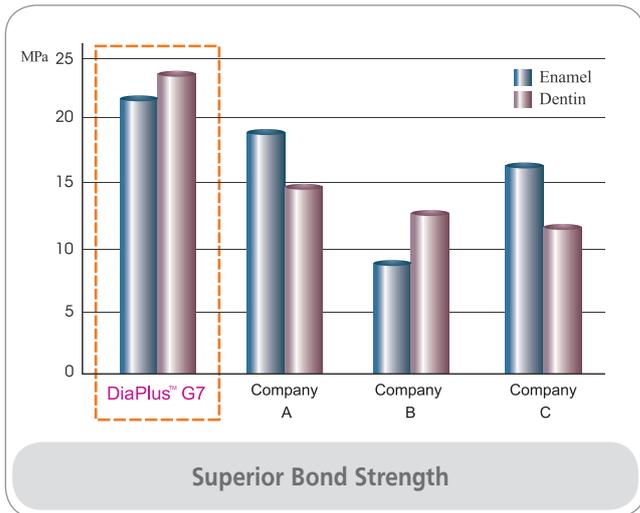
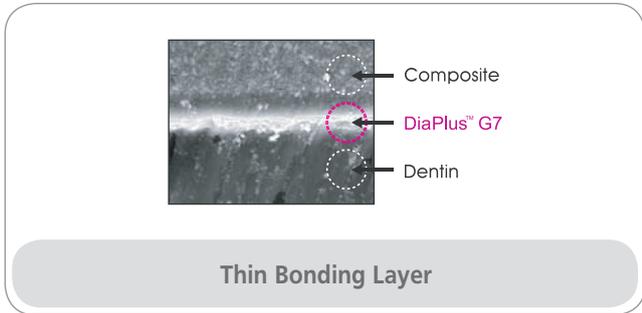


**Benefits**

- Has **Etch, Desensitize, Prime and Bond** all with One-Bottle, One-Coat bonding system and no separate etching
- **Fast 3 Steps** (less than 35 seconds) reduces the risk of contamination
- Offer a **tight and long-lasting bond** between light-cured composite and both enamel and dentin by a highly advanced formulation whether wet or dry on dentin and enamel
- **Strong and tight bond** to dentin and enamel is offered by 4-MET monomer for adhesive to dentin and Phosphoric Acid Ester Monomer for superior bonding strength to enamel
- Consistent and **a long term bond strength** with the unique Nano-Filler
- Provide a very low risk of post-operative sensitivity
- **Remarkable thin bonding layer** less than 10<sup>µm</sup> offers a frosty surface for much easier application of the first composite layer

**Refill Package**

- **ITEM #2001-2702**
- One bottle bonding agent (1 bottle x 5ml)



**DIAETCH™ 37%****A 37% ETCHING GEL PHOSPHORIC ACID**

Before



After

(Microphotographs of premolar, X1,000)

A phosphoric acid is used in etch enamel and/or dentin

**Benefits**

- Phosphoric acid etching of enamel and dentin with ideal thickness
- Quick and effective application to the desired place
- Enables to rinse completely and easily from the tooth surface
- High biocompatibility

**Packages****Economic Package Type A**

- **ITEM #2001-3101** - 5 Syringes × 5ml and 20 disposable tips

**Economic Package Type B**

- **ITEM #2001-3102** - 5 syringes × 3ml and 20 disposable tips

**Refill Package Type A**

- **ITEM #2001-3202** - 1syringe × 5ml and 5 disposable tips

**Disposable Tips**

- **ITEM #2001-6109** - Bag of 100 pcs.

**DIASEAL™****A LIGHT CURE PIT & FISSURE SEALANT**

Designed for sealing enamel pits and fissures of teeth to prevent caries

**Benefits**

- UDMA series monomer and Nano-filler offers high flowability, excellent wear resistance and strength
- Optimal viscosity to flow easily and helps for easy application
- Ensures hygienic and easy delivery and outstanding versatility
- High visual verification during application

**Packages****Refill Package**

- **ITEM #2001-5201**  
- Sealant 1 syringe × 1.2ml  
- 5 disposable needle tips

**Properties**

Mean value and standard deviation of micro-leakage score

Materials	Micro-leakage score (standard deviation)
DiaSeal™	1.0000(1.1094)
U	1.7333(1.4829)
M	0.9167(1.2795)

Thermocycling 500 times, 1%  
Methylene blue solution

**Disposable Tips**

- **ITEM #2001-6110** - Bag of 100 pcs.

**Endo-Clear™ WATER BASED EDTA ROOT CANAL CLEANSER**

Endo-Clear™ is the EDTA root canal cleanser, colorless and clear without foreign matters and effectively cleans the canal and removes smear layer. Chelating effect of Endo-clear™ softens root canal wall, dissolves calcium and removes it.

**Characteristics**

- Debridement in the root canal
- Dissolution of pulp remnants
- Removal of smear layer
- Microbicidal treatment within the canal
- Water based type

**Benefits**

- Chelating effect of Endo-Clear™ make root canal wall softened and calcium dissolved.
- Easy to enlarge the canal and clean it.
- Endo-Clear™ perfectly removes smear layer.
- Superior microbicidal treatment within the canal
- Excellent dissolution effect of pulp remnants
- Being based on water, more easier to get to apical area where hard for cream type to reach. So it effectively removes smear layer around apical area better than cream type.

**Packages**

Regular Package

**ITEM # 2002-5001 Regular Package**

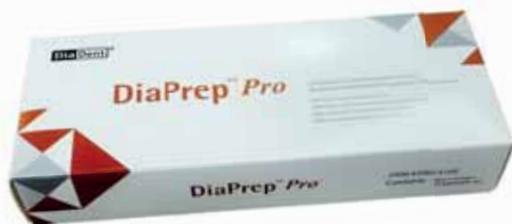
**EDTA 17% Solution 100 ml x 1  
Dia-Flex (=Irrigation syringe) x 1  
Disposable tips x 3  
EDTA 17% Solution 100 ml x 1**

**ITEM # 2002-5002 Refill Package**

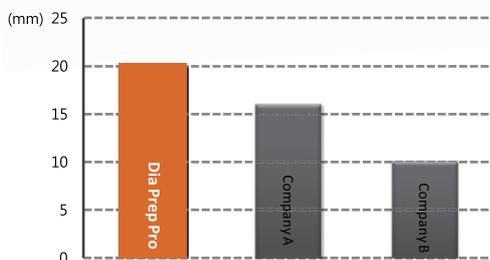


**DIA PREP™ Pro EDTA ROOT CANAL PREPARATION CREAM** **NEW**

EDTA Cream with Urea Peroxide, used as an irrigation agent for chemo-mechanical preparation of the root canal.



**Flowability**



- This test is measured as ISO6876 regulations after the setting time and condition in the laboratory(R&D DiaDent2017)

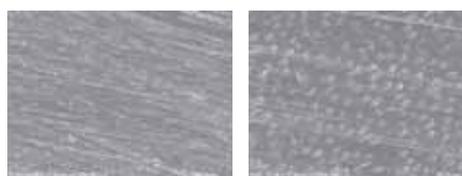
**Characteristics**

- Debridement in the root canal
- Dissolution of pulp remnants
- Removal of smear layer
- Facile movements of canal instruments
- Microbicidal treatment within the canal
- Clearance of dentin tubules and apical area

**Benefits**

- Offers better smear layer removal, EDTA removes smear layer, softens dentin and facilitates the removal of calcific obstruction.
- Urea Hydrogen Peroxide reacts with Sodium Hypochlorite to produce oxygen bubbles that flush out debris within the canal.
- The lubricant medium facilitates instrument movement within the canal to eliminate instrument binding or breakage.
- Unclogged dentin tubules and apical area permit better penetration of root canal medicaments and fillings.
- Provides rapid cleansing and enlarging of canals due to EDTA which softens walls and smooth calcium deposits.
- Easier placement into canals than liquids.

**Excellent Smear Layer Removal**



Before

After

**Packages**

**NEW** • **ITEM # 2002-4100 - 2 syringes of 6g, 10 disposable tips**

• **ITEM # 2001-6119 - 10 Disposable tips.**

D-LUX

CORDLESS LED CURING LIGHT



D-Lux is a new advanced cordless LED curing light. Made from the highest quality aluminum, D-Lux dissipates heat quickly to prevent overheating problem so that it can produce the maximum light intensity safely and consistently.

Features

- **OLED panel** : unique and advanced one-button control
- A high intensity of **1,600 mW/cm<sup>2</sup>** offers extremely short curing times of no more than **5 seconds**
- Cordless, highly portable and lightweight (only 155g)
- Unique ergonomic design: provides comfortable grip and easy-to-read OLED panel
- Durable one-piece aluminum design is robust and easy to disinfect
- High-performance lithium-ion battery technology:
  - A new fully charged battery provides 160 x 10-second cures
  - OLED panel conveniently indicates battery life and a countdown timer for the next needed charge
  - Battery can be fully recharged in 90 minutes
- **5 versatile curing modes** for every indications
- Easy to change the battery pack

Package

- **ITEM #4004-1001 Regular Kit**
  - D-Lux Handpiece & Charger
  - Accessories: Light Guide(11x11mm), Power Supply and Cord Plastic Protector,

Device Part Codes

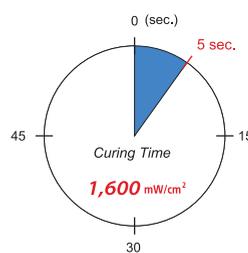
- **ITEM #4004-1110 Handpiece**
- **ITEM #4004-1120 Charger**
- **ITEM #4004-1130 Light Guide (11 x 11mm)**
- **ITEM #4004-1150 Battery Pack**
- **ITEM #4004-1160 Plastic Protector**
- **ITEM #4004-1170 Power Supply (Adapter)**
- **ITEM #4004-1171 Power Cord**

Product Features

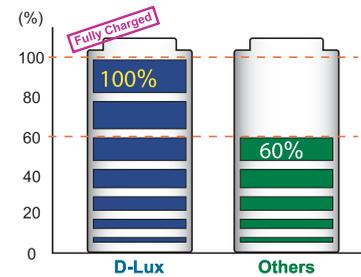
Simple & Intuitive OLED Button



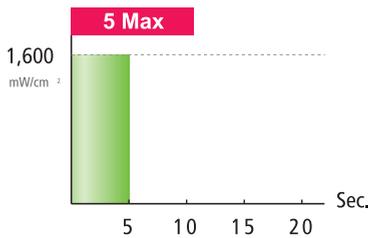
High Intensity Output



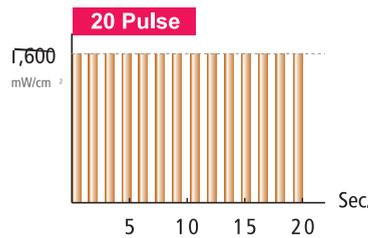
Fast Charging System (90min)



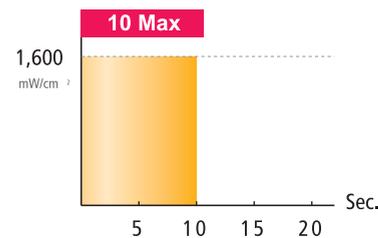
5 Curing Modes



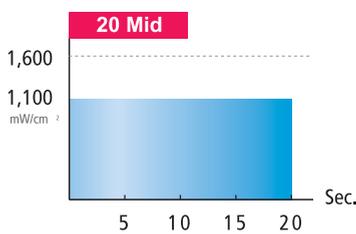
**5 Max:**  
Maximum light intensity output for 5 seconds



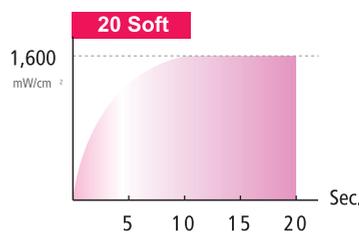
**20 Pulse:**  
Pulses every 0.15 seconds for 20 seconds at maximum light intensity



**10 Max:**  
Maximum light intensity output for 10 seconds



**20 Mid:**  
70% output of maximum light intensity for 20 seconds



**20 Soft:**  
An initial 10% output of maximum light intensity that gradually increases to full power in 10 seconds, followed by 10 seconds output at full power



HELIX™

NICKEL TITANIUM ROTARY FILES

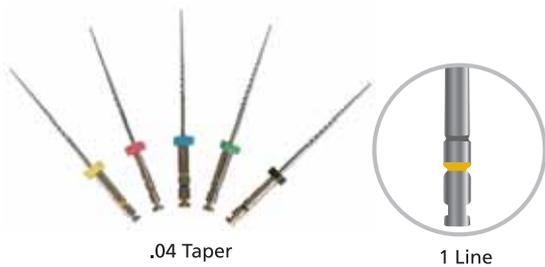


**Benefits**

- Made of Superior Nickel Titanium Alloy for Engine Driven use.
- Specially designed for the crown-down technique.
- Offers a smooth and progressive enlargement of the canal.
- Helix NiTi Rotary Files help to ease around curved canals and make a tapered preparation.
- Helix NiTi Rotary Files use ISO Color identification and come in 21mm and 25mm lengths.
- With amazing flexibility, easily move through canals, especially severely curved canals.
- High resistance to cyclic fatigue and file separation.
- Offers outstanding flexibility, cutting ability and reduce user fatigue.
- Ergonomic handle provides comfort and excellent tactile feedback.
- Recommended Speed: 150~350r/min

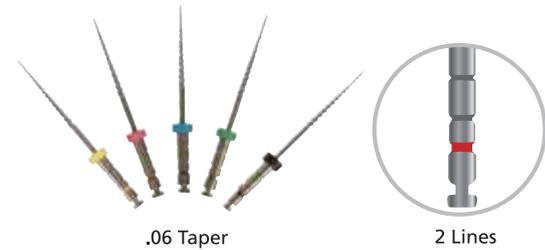
**Direction**

- ① Place #10 K-File to as far as it goes in the canal or to approximately Coronal 2/3rd. The file is preferably coated with Dia-Prep Pro (EDTA gel).
- ② Prepare Glide path with #15 K-file to the Level previously explored by #10 K- file.
- ③ Shape with Helix NiTi Rotary files #40 (Black ring) with 0.06 taper (2 lines) to Coronal 1/3rd to Coronal 2/3rd.
- ④ Additionally shape with Helix NiTi Rotary files #30 (Blue Ring) 0.06 taper to Coronal 2/3rd.
- ⑤ Explore with #8 K-File, #10 K-File to the Working Length determined with Apex Locator and X-ray.
- ⑥ Prepare Glide Path with #15 K-file to the Working Length.
- ⑦ Shape with Helix NiTi Rotary files #20 (Yellow ring) with 0.04 taper (1 line) to the Working Length.
- ⑧ Determine to what size Apical Shaping is needed.
- ⑨ Shape with Helix Rotary NiTi files #20, #25 or #30 with 0.04 or 0.06 Taper for final Apical Shaping.
- ⑩ Frequent irrigation with Sodium Hypochlorite solution and Lubrication with Dia-Prep Pro (EDTA Gel) throughout the Procedure is recommended.
- ⑪ Proceed to fit appropriate size of DiaDent Gutta Percha Points cones (Dia-ProT).



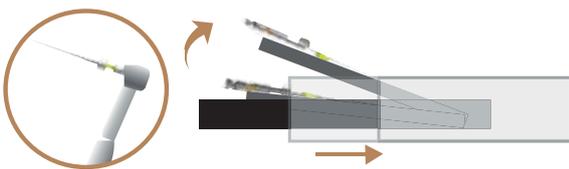
.04 Taper

1 Line



.06 Taper

2 Lines



Size	21MM		25MM	
	.04	.06	.04	.06
#20	NT505-104	NT506-104	NT505-204	NT506-204
#25	NT505-105	NT506-105	NT505-205	NT506-205
#30	NT505-106	NT506-106	NT505-206	NT506-206
#35	NT505-107	NT506-107	NT505-207	NT506-207
#40	NT505-108	NT506-108	NT505-208	NT506-208
#20/35	NT505-193	NT506-193	NT505-293	NT506-293

(Pkg. of 6)

HELIX ORGANIZER



- **ITEM #806-103 Red**
- **ITEM #806-104 Blue**
  - Ideal for Organizing Helix Files
  - Holds 10 Helix Files
  - Removable insert for Cleaning
  - Dimensions: 50 x 50 x 45m/m(W x H x D)

DIA-PT™ FILE & DIA-X FILE

NICKEL TITANIUM ROTARY FILES

• Superior Cutting Efficiency

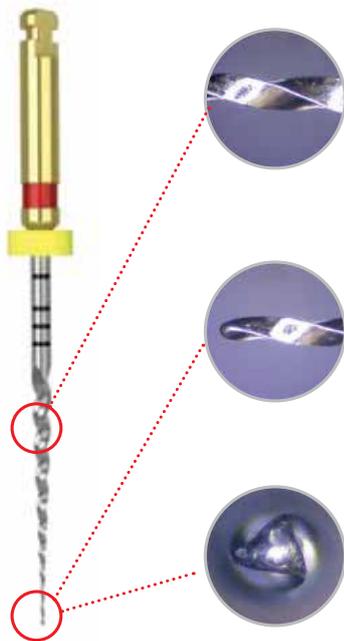
- Allows stronger and more sharp blades to more deeper in the canal
- A triangular cross section reduces contact with the canal wall

• High Flexibility

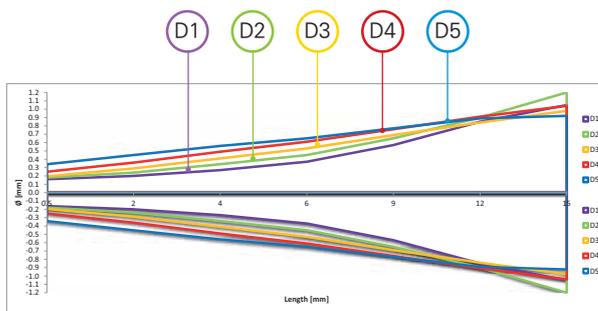
- Offers outstanding flexibility and reduces a user fatigue
- Has high corrosion resistance with a coated surface of files

• Short Shaping Time

- Decreases total shaping time versus a traditional rotary technique
- Easily shape in calcified or highly curved canals



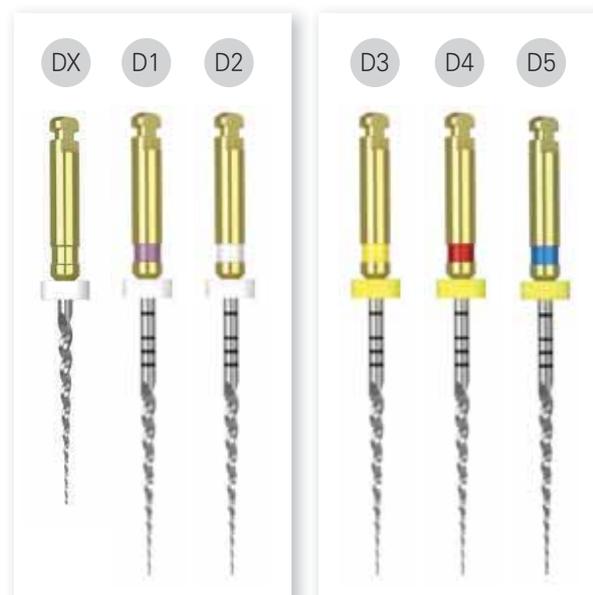
Rate of Taper



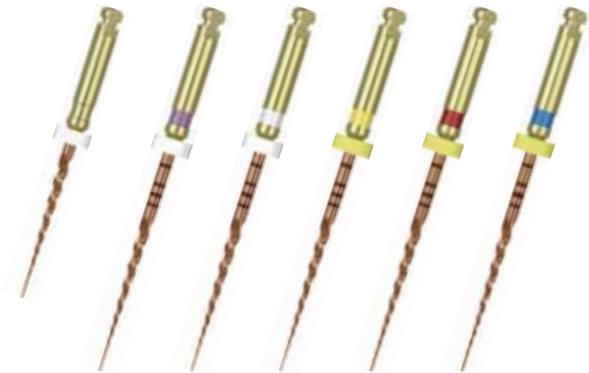
- Easy to confirm the size due to using Depth Markings and ISO color coded.
- Minimizes pressure to files with advanced stability.
- Improved performance for entering root canal and efficiently removable debris.
- Makes it excellent cutting.

Shaping

Finishing



**DIA-X FILE** NICKEL TITANIUM ROTARY FILES WITH GOLD HEAT TREATMENT **NEW**



Dia-X File is the nickel titanium rotary files with **Gold Heat Treatment** can be achieved greater flexibility than other Nickel Titanium Files and offer smoother and safer progression in the root canal. The fracture resistance has been increased 143% after Gold Heat Treatment.

Size	19MM	21MM	25MM
#DX	571-100		
#D1		571-101	571-201
#D2		571-102	571-202
#D3		571-103	571-203
#D4		571-104	571-204
#D5		571-105	571-205
#Asst D1/D4		571-191	571-291

(Pkg. of 4)

**DIA-PT™ FILE** NICKEL TITANIUM ROTARY FILES

Dia-PT™ File ensures rapid and high quality canal shaping with new cutting efficiency. The difference of Dia-PT™ File nickel-titanium rotary files with a uniform shape can be achieved superior flexibility and precision for successful procedures.

Size	19MM	21MM	25MM
#DX	561-100		
#D1		561-101	561-201
#D2		561-102	561-202
#D3		561-103	561-203
#D4		561-104	561-204
#D5		561-105	561-205
#Asst D1/D4		561-191	561-291

(Pkg. of 4)



**FILE HAND GRIP** **NEW**

- ITEM #702-101
  - Designed to use Dia-PT™ File and Dia-X File for the Hand Use.
  - Autoclavable
  - Packed 4pcs



## DIA-PT™ FILE &amp; DIA-X FILE

## NICKEL TITANIUM ROTARY FILES

## INSTRUCTION

DX

- Check the working length with X-ray.
- Prepare the straight-line access to canal orifice.

D1

- The D1 expands the glide path and enlarges to widen the coronal portion of canal. Always irrigate the canal with NaOCl before engaging the file. Gently work D1 until a smooth glide path is confirmed.
- The D1 into the canal and follow the glide path and laterally brush before light resistance is appeared. And cut dentin on the outstroke to improve straight-line access and apical progression.
- Continue shaping and brushing with the D1 until the depth of the #15 hand file is reached.
- Check the working length with the #15 hand file and Apex locator.

D1

D2

- The D2 enlarges to the apical 2/3.
- Use D1 or D2 until working length is reached with a brushing action.
- Confirm working length frequently as shaping the severely curved canals.

D3

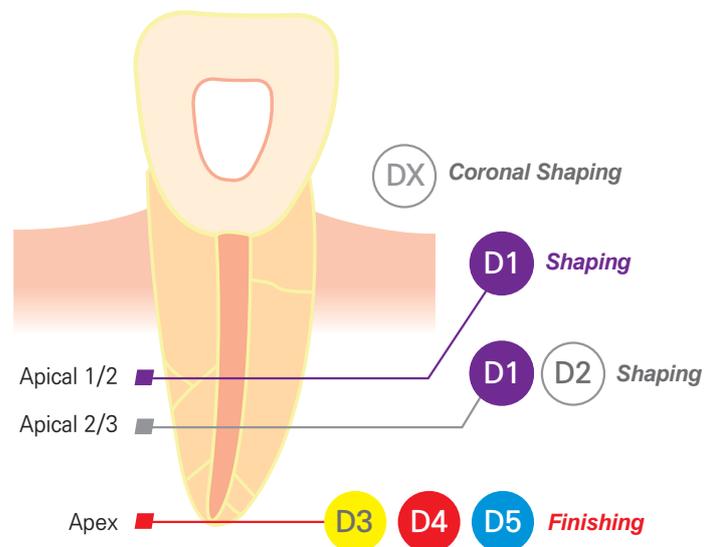
D4

D5

- Use D3 as an In-and-out Pecking Motion until the depth of the #20 hand file is reached.
- If the #20 hand file is loose at length, proceed to the D4 with corresponding the #25 hand file.
- If the #25 hand file is loose at length, proceed to the D5 with corresponding the #30 hand file.

**Dia-PT™ File & DIA-X File**

- RECOMMENDED SPEED : 250~350RPM
- RECOMMENDED TORQUE : 2~3 NCM

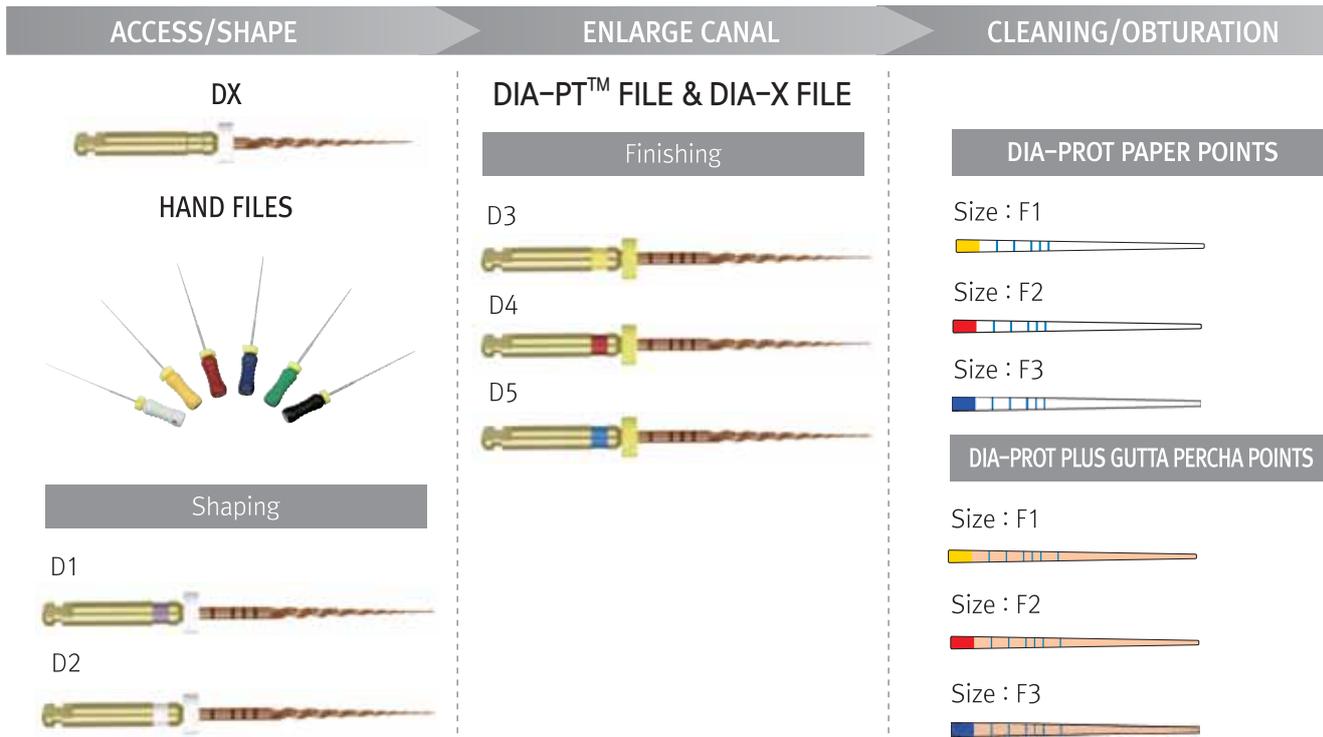
**TIP**

- Inspect files for distortion or wear, such as uneven flutes, dull spots or bending.
- Lubricate files generously with DIAPREP™ PRO
- Remove the debris from its flutes before continuing.
- Irrigate and re-irrigate after using each rotary file.
- Dia-PT™ file & Dia-X File should be used at a constant rotation and stable speed of 300 rpm to avoid the file fracture.
- Use very light pressure. Never force instruments to working length.
- Use the files for no more than one or two seconds in the canal.
- Autoclave files always after use.

DIA-PT™ FILE & DIA-X FILE

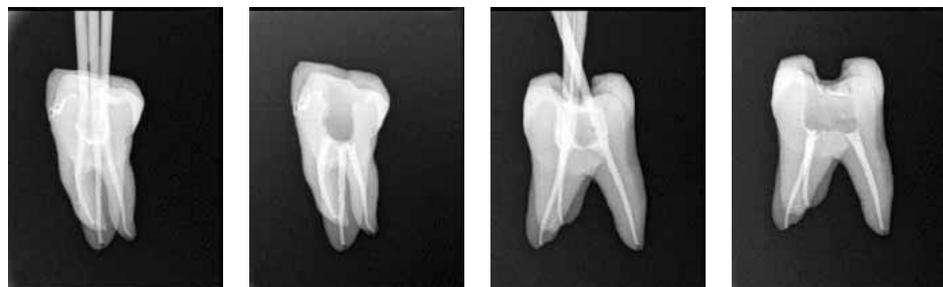
NICKEL TITANIUM ROTARY FILES

CLINICAL PROCESS



Radiographs

Precisely shaped and sealed root canals after the treatment with Dia-PT™ File & DIA-X File.

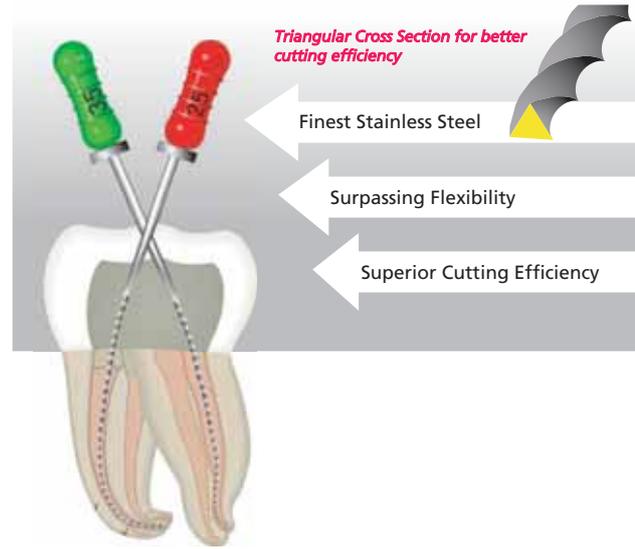


**DIA-FLEX FILE**



- Made of high-quality Stainless Steel for creating a more fracture-resistant shape and edge
- Enables a complete preparation of even severely curved and narrow canals
- Offers better Cutting Power and Flexibility to shape any root canals easily, safely and very fast
- Available in Sizes 15 through 40 and 21mm, 25mm and 31mm lengths

**FLEXIBLE K-FILE**



Size	21MM	25MM	31MM
#15	505-103	505-203	505-303
#20	505-104	505-204	505-304
#25	505-105	505-205	505-305
#30	505-106	505-206	505-306
#35	505-107	505-207	505-307
#40	505-108	505-208	505-308
#15/40	505-191	505-291	505-391

(Pkg. of 6)

**DIA-SPIRAL FILLER**

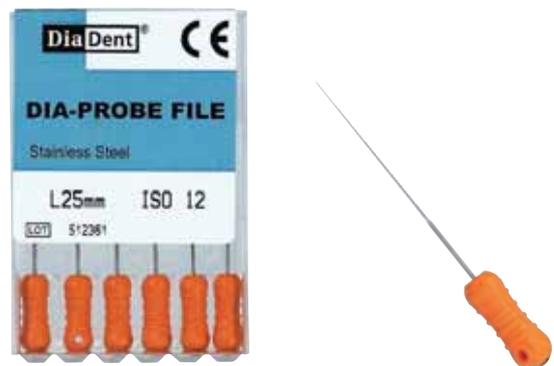


- Lentulo Paste filler used to evenly distribute root canal sealer and cement in the root canal system
- Conical shape made from grinded wire and made of high grade stainless steel with gradual spirals
- Rather stiff without the safety spiral
- Available in Sizes 25 to 40 and 21mm, 25mm lengths

Size	21MM	25MM
#25	507-105	507-205
#30	507-106	507-206
#35	507-107	507-207
#40	507-108	507-208
#25/40	507-191	507-291

(Pkg. of 4)

**DIA-PROBE FILE**



- Canal Probe
- The minimal taper helps to perform intermediate steps in the calcified or curved canals
- Available in Size #12 and 21mm, 25mm lengths

Size	21MM	25MM
#12	506-101	506-201

(Pkg. of 6)

## GATE DRILLS

- Used for time-saving preparation of the upper and middle part of non-curved canal or the straight part of curved canal effectively and creating the excellent access for Reamers and Files.
- Enlarge the straight coronal portion of the canal with Gate Drills and then step down with Endodontic Files using the biggest size firstly as the Crown Down Technique.
- Superior Stainless Steel with the improved cutting capacity.
- Circle ring is coded on the shank.
- Recommended Speed: 800~1200r/min

Size	28mm	32mm
#1	531-101	531-201
#2	531-102	531-202
#3	531-103	531-203
#4	531-104	531-204
#5	531-105	531-205
#6	531-106	531-206
#Asst1/6	531-191	531-291

(Pkg. of 6)



## PEESO REAMERS

- Used for the preparation of coronal third and picking up the fillings inside the root canal.
- Often used for the post path.
- Excellent stainless steel with a sharper blade to provide the rapid enlargement.
- Circle ring is coded on the shank.
- Recommended speed: 800~1200r/min

Size	32mm
#1	541-201
#2	541-202
#3	541-203
#4	541-204
#5	541-205
#6	541-206
#Asst1/6	541-291

(Pkg. of 6)



## ENDODONTIC NICKEL TITANIUM HAND FILES/PLASTIC PACKAGE

### Increased Flexibility

: NiTi Shaft is made of premium Nickel-Titanium with 5 times the flexibility compared to Stainless Steel Files.

### Strength

: NiTi has 10 times the stress resistance compared to Stainless Steel Files.

### Convenience

: Produces smooth and progressive enlargement of root canal. NiTi follow existing canal path and has memory so there is no need to Pre-Bend the files.

### Efficiency

: Color Coded handles and pre-inserted silicone stops.

### Safety

: NiTi resists spontaneous breakage.  
Increased angular rotation reduces fracture.  
NiTi decreases zipping and stripping.



### NITI REAMERS

NICKEL-TITANIUM REAMERS(.02 TAPER)

size	21MM	25MM
#8	NT501-101	NT501-201
#10	NT501-102	NT501-202
#15	NT501-103	NT501-203
#20	NT501-104	NT501-204
#25	NT501-105	NT501-205
#30	NT501-106	NT501-206
#35	NT501-107	NT501-207
#40	NT501-108	NT501-208
#45	NT501-109	NT501-209
#50	NT501-110	NT501-210
#55	NT501-111	NT501-211
#60	NT501-112	NT501-212
#70	NT501-113	NT501-213
#80	NT501-114	NT501-214
#15/40	NT501-191	NT501-291
#45/80	NT501-192	NT501-292

(Pkg. of 6)

### NITI K-FILES

NICKEL-TITANIUM K-FILES(.02 TAPER)

size	21MM	25MM
#8	NT502-101	NT502-201
#10	NT502-102	NT502-202
#15	NT502-103	NT502-203
#20	NT502-104	NT502-204
#25	NT502-105	NT502-205
#30	NT502-106	NT502-206
#35	NT502-107	NT502-207
#40	NT502-108	NT502-208
#45	NT502-109	NT502-209
#50	NT502-110	NT502-210
#55	NT502-111	NT502-211
#60	NT502-112	NT502-212
#70	NT502-113	NT502-213
#80	NT502-114	NT502-214
#15/40	NT502-191	NT502-291
#45/80	NT502-192	NT502-292

(Pkg. of 6)

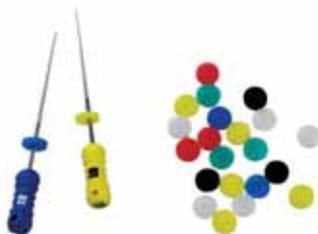
### NITI H-FILES

NICKEL-TITANIUM H-FILES(.02 TAPER)

size	21MM	25MM
#8	NT503-101	NT503-201
#10	NT503-102	NT503-202
#15	NT503-103	NT503-203
#20	NT503-104	NT503-204
#25	NT503-105	NT503-205
#30	NT503-106	NT503-206
#35	NT503-107	NT503-207
#40	NT503-108	NT503-208
#45	NT503-109	NT503-209
#50	NT503-110	NT503-210
#55	NT503-111	NT503-211
#60	NT503-112	NT503-212
#70	NT503-113	NT503-213
#80	NT503-114	NT503-214
#15/40	NT503-191	NT503-291
#45/80	NT503-192	NT503-292

(Pkg. of 6)

## ENDO STOPS



Available Round Type.  
100 Stops per poly bag.



White	701-101
Yellow	701-102
Red	701-103
Blue	701-104
Green	701-105
Black	701-106
Assorted	701-191

## ENDODONTIC STAINLESS STEEL HAND FILES

- Root canal cleaning and shaping instruments
- Offers superior cutting efficiency on insertion and withdrawal and procession handling
- Ergonomic color coded handle provides comfort and excellent tactile feedback
- Available in sizes 8 through 80 and 21mm, 25mm & 31mm lengths



### REAMERS



- Made from Stainless Steel wire that is ground to triangular shape and twisted

size	21MM	25MM	31MM
# 8	SS501-101	SS501-201	SS501-301
# 10	SS501-102	SS501-202	SS501-302
# 15	SS501-103	SS501-203	SS501-303
# 20	SS501-104	SS501-204	SS501-304
# 25	SS501-105	SS501-205	SS501-305
# 30	SS501-106	SS501-206	SS501-306
# 35	SS501-107	SS501-207	SS501-307
# 40	SS501-108	SS501-208	SS501-308
# 45	SS501-109	SS501-209	SS501-309
# 50	SS501-110	SS501-210	SS501-310
# 55	SS501-111	SS501-211	SS501-311
# 60	SS501-112	SS501-212	SS501-312
# 70	SS501-113	SS501-213	SS501-313
# 80	SS501-114	SS501-214	SS501-314
# 15/40	SS501-191	SS501-291	SS501-391
# 45/80	SS501-192	SS501-292	SS501-392

(Pkg. of 6)

### K-FILES



- Designed to clean and shape root canals
- Produced to give operators a smooth tactile sense inside the canal during instrument

size	21MM	25MM	31MM
# 8	SS502-101	SS502-201	SS502-301
# 10	SS502-102	SS502-202	SS502-302
# 15	SS502-103	SS502-203	SS502-303
# 20	SS502-104	SS502-204	SS502-304
# 25	SS502-105	SS502-205	SS502-305
# 30	SS502-106	SS502-206	SS502-306
# 35	SS502-107	SS502-207	SS502-307
# 40	SS502-108	SS502-208	SS502-308
# 45	SS502-109	SS502-209	SS502-309
# 50	SS502-110	SS502-210	SS502-310
# 55	SS502-111	SS502-211	SS502-311
# 60	SS502-112	SS502-212	SS502-312
# 70	SS502-113	SS502-213	SS502-313
# 80	SS502-114	SS502-214	SS502-314
# 15/40	SS502-191	SS502-291	SS502-391
# 45/80	SS502-192	SS502-292	SS502-392

(Pkg. of 6)

### H-FILES



- Ground from Stainless Steel wire
- The flute depth increases with the taper, creating a shaper, more flexible instrument

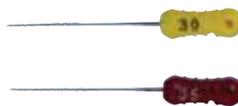
size	21MM	25MM	31MM
# 8	SS503-101	SS503-201	SS503-301
# 10	SS503-102	SS503-202	SS503-302
# 15	SS503-103	SS503-203	SS503-303
# 20	SS503-104	SS503-204	SS503-304
# 25	SS503-105	SS503-205	SS503-305
# 30	SS503-106	SS503-206	SS503-306
# 35	SS503-107	SS503-207	SS503-307
# 40	SS503-108	SS503-208	SS503-308
# 45	SS503-109	SS503-209	SS503-309
# 50	SS503-110	SS503-210	SS503-310
# 55	SS503-111	SS503-211	SS503-311
# 60	SS503-112	SS503-212	SS503-312
# 70	SS503-113	SS503-213	SS503-313
# 80	SS503-114	SS503-214	SS503-314
# 15/40	SS503-191	SS503-291	SS503-391
# 45/80	SS503-192	SS503-292	SS503-392

(Pkg. of 6)

### BARBED BROACHES



- Designed to remove pulp tissue
- Put it straight into the root canal, rotation at 180° and pull out



size	21MM	25MM
#20(XXXXF)	504-001	504-201
#25(XXXF)	504-002	504-202
#30(XXF)	504-003	504-203
#35(XF)	504-004	504-204
#40(F)	504-005	504-205
#25/40(XXXF/F)	504-092	504-292

(Pkg. of 6)

### SPREADER



- Used for the lateral condensation of root canal fillings.
- Made of Stainless Steel.
- High Resistance to wear and Excellent Cutting Efficiency.
- 6pcs in a blister package

size	21MM	25MM
#15	520-103	520-203
#20	520-104	520-204
#25	520-105	520-205
#30	520-106	520-206
#35	520-107	520-207
#40	520-108	520-208
#15/40	520-191	520-291

### PLUGGER



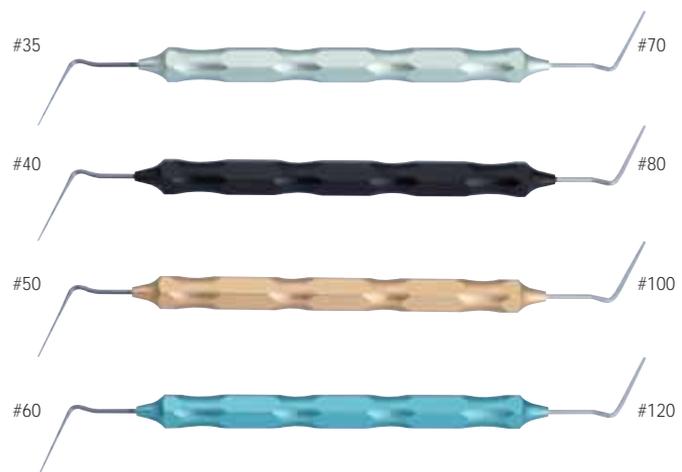
- Used for the vertical condensation of root canal fillings.
- Made of Stainless Steel.
- High Resistance to wear and Excellent Cutting Efficiency.
- 6pcs in a blister package

size	21MM	25MM
#15	521-103	521-203
#20	521-104	521-204
#25	521-105	521-205
#30	521-106	521-206
#35	521-107	521-207
#40	521-108	521-208
#15/40	521-191	521-291

### DIA-KONDENSOR

- Having both a nickel-titanium end and a stainless steel end, it can be used in any common endodontic obturation technique including warm and cold condensation.
- Excellent durability.
- Can be supplied 1 piece or a set included each 4 sizes.
- Convenient use with color-coding on the condensers.
- Lightweight and comfort design

size	ITEM No.
#35/70(Green)	551-101
#40/80(Black)	551-102
#50/100(Yellow)	551-103
#60/120(Blue)	551-104
Set (4pcs)	551-191



**DIA-ENDORING**

• **ITEM #850-001**



- A convenient ring for Hand & Rotary Files.
- Gauges from 1 to 30mm.
- A simple & practical design for measuring files.
- Gold plated ring prevents color change.
- Dimension: 45 x 25 x 15m/m (W x H x D)

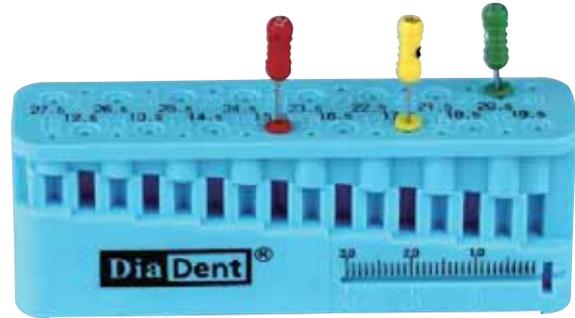


**FILE MEASURE SET(PLASTIC)**

• **ITEM #780-001**



- Holds 32 Measuring Grades.
- Gauge from 12 to 27.5m/m, Including half measurements.
- Dimensions: 87 x 31 x 20m/m (W x H x D)



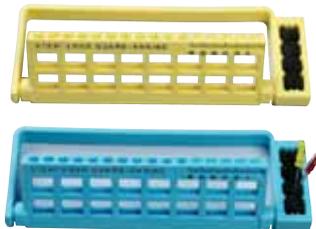
**STERI ENDO GUARD W/RULER(ENGINE FILE)**

• **ITEM #716-203 Yellow**

• **ITEM #716-206 Blue**



- Holds 16 NiTi Rotary Files.
- Right or left hand use.
- Available to insert sponge to clean or hold files.
- Diameter: 75m/m, Height: 35m/m



**DIAFLEX™**

**IRRIGATION SYRINGE FOR ROOT CANAL**



- Flexible soft polypropylene tip syringe for root canal irrigation.
- Autoclavable and chemoclavable for multiple use up to 50 times.
- 1.3ml volume imprinted at intervals of 1mm.
- Provides maximum clinical effect in a minimum of time.
- DiaFlex is compatible with **Luer Lock Syringes**.

**DiaFlex - III**

• **ITEM #1003-301**

- Package of 3 color coded syringes, 20 changeable tips and silicone oil

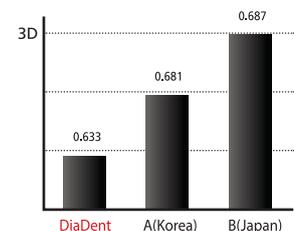
**DiaFlex - V**

• **ITEM #1003-501**

- Package of 5 color coded syringes, 20 changeable tips and silicone oil

• **ITEM #1001-320** (From 2019)

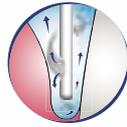
- 20 transparent disposable tips.



**Tip Specification**

## STERI. IRRIGATION TIPS-SIDE OPEN TYPE

- Disposable Endodontic & Periodontal Irrigation Tips with Safety.
- Unique design with a side-port for superior effectiveness and patient comfort in irrigating root canals and periodontal pockets.
- Pre-sterilized by E.O Gas.
- Use with Luer Lock Syringes.
- Side-Port and Closed-end Irrigation tips.



### PERIODONTAL POCKETS

- Side-port design make an effective irrigate pockets and closed, rounded tip can reduce the risk of tissue damage.



### ROOT CANALS

- Side-port dispersal can create an upward flushing motion for the complete root canal preparations and cleanse the gingival sulci fully without damaging tissue.



size	Color	ITEM No.
31G (0.25 x 25mm)	Clear White	951-101A
30G (0.30 x 25mm)	Yellow	951-102A
28G (0.36 x 25mm)	Blue Green	951-103A

(Pkg. of 50)



## IRRIGATION TIPS-END OPEN TYPE



- Disposable Endodontic & Periodontal Irrigation tips
- Use with Luer Lock Syringes.
- Thoroughly irrigate root canal preparations.
- Round end tip can prevent the secondary injury during the use.
- Widest selection of tips: 6 sizes from 18G to 27G.

size	Color	ITEM No.
18G (1.2 x 25mm)	Pink	951-201A
19G (1.1 x 25mm)	Cream	951-202A
20G (0.9 x 25mm)	Yellow	951-203A
22G (0.7 x 25mm)	Black	951-204A
25G (0.5 x 25mm)	Orange	951-205A
27G (0.4 x 25mm)	Medium Grey	951-206A

(Pkg. of 100)



## DIA-100FS/DIA-100SS

- Optical grade protective shields and glasses for the face and eyes from flying debris or substances.
- Lightweight and very comfortable.
- Shields can be quickly positioned and fits over eyeglasses
- Easy to clean, washable

### Dia-100FS

- Full face protection shield
- 1 Frame & 5 shields

1005-5010	DIA-100FS	REFILL PACKAGE	5 shields only
1005-5011	DIA-100FS	REGULAR PACKAGE	CRYSTAL
1005-5012	DIA-100FS	REGULAR PACKAGE	WHITE
1005-5014	DIA-100FS	REGULAR PACKAGE	BLUE



DIA-100FS

## DIA-200B

### • ITEM #1005-1031

- Multi Purpose Goggles. Used among dentists and surgeons for eyes protection from flying debris. Preventing eye injuries and contamination from fine dust.
- Spherical lens design for superior optics.
- Comfortable lightweight fit.
- Fits over Eyeglasses.
- Designed for coolness and ventilation.
- Anti-fog coating, Anti-static.

### Product Features



Superior cushioning and ventilation



Good air circulation



Easily used with correction glasses



Anti-fog  
Anti-static



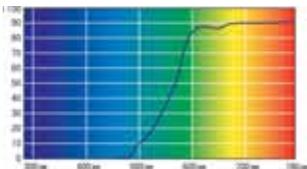
Anti-fog coating

## DIA-400D

### • ITEM #1005-1051

- The protective glasses for blue curing light (400-510nm) are used to protect your eyes when curing composite resin.
- Excessive exposure to blue lights will damage your vision and your eyes health.
- Lenses color: Amber

- Anti-fog
- Anti-UV
- Anti-static
- Anti-scratch



### Product Features



Vertical adjustments



Horizontal adjustments



Ultra light weight



## SMALL ROUND TYPE A

- ITEM # 803-003 Red
- ITEM # 803-004 Blue



- Has 6 Silicone Color Coded Silicone Cups.
- Ideal for Organizing Gutta Percha Points & Paper Points.
- Removable Insert for Cleaning.
- Autoclavable silicone cups.
- Diameter: 40m/m, Height: 60m/m



## SMALL ROUND TYPE B

- ITEM # 802-003 Red
- ITEM # 802-004 Blue



- Ideal for Organizing Hand Files.
- Holds 20 instruments.
- Removable Insert for Cleaning.
- Diameter: 40m/m, Height: 60m/m



## SMALL SQUARE TYPE A

- ITEM #807-003 Red
- ITEM #807-004 Blue



- Has 6 Silicone Color Coded Silicone Cups.
- Ideal for Organizing Gutta Percha Points & Paper Points.
- Removable Insert for Cleaning.
- Autoclavable silicone cups.
- Dimensions: 50 x 50 x 45m/m (W x H x D)



## SMALL SQUARE TYPE B

- ITEM #806-003 Red
- ITEM #806-004 Blue



- Ideal for Organizing Hand Files.
- Holds 30 Endo Instruments.
- Removable Insert for Cleaning.
- Dimensions: 50 x 50 x 45m/m (W x H x D)



## MEDIUM OBLONG TYPE A

- ITEM #801-003 Red
- ITEM #801-004 Blue



- A Versatile & Practical Organizer with a Clean Grip for Hand & Rotary File as well as Cups for Gutta Percha & Paper Points.
- Holds 36 Instruments, 3 Silicone Cups, 1 Clean Grip.
- Removable Insert for Cleaning.
- Dimensions: 130 x 50 x 50m/m (W x H x D)



## MEDIUM OBLONG TYPE B

- ITEM #809-003 Red
- ITEM #809-004 Blue



- A Versatile & Practical Organizer for Hand & Rotary File as well as Cups for Gutta Percha & Paper Points.
- Holds 60 Instruments, 4 Silicone Cups.
- Removable Insert for Cleaning.
- Dimensions: 130 x 50 x 50m/m (W x H x D)



## MEDIUM ROUND

- ITEM # 821-001 Silver



- Ideal for Organizing Hand Files & Gutta Percha Points & Paper Points.
- Holds 64 Instruments, 4 Color Coded Silicone Cups.
- Removable Insert for Cleaning.
- Diameter: 92m/m, Height: 69m/m



## MEDIUM SQUARE

- ITEM #804-003 Red
- ITEM #804-004 Blue



- A Versatile & Practical Organizer with a Clean Grip for Hand & Rotary File as well as Cups for Gutta Percha & Paper Points.
- Features a Endo Meter for measuring Files & Points.
- Holds 5 Burs, 30 Instruments, 6 Silicone Cups, 1 Clean Grip, Endo Meter and 1 location for small instruments.
- Removable Insert for Cleaning.
- Dimensions: 120 x 50 x 80m/m (W x H x D)



### DIA-DELUXE

• ITEM #811-003 Red



- DiaDent's Ultimate Box for Organizing your Files & Points. Holds 4 Spreaders/Pluggers, 56(21mm) & 48(25mm) Instruments, 6 Gates Glidens, 10 Barbed Broaches, 28 Cups, Section for Cotton.
- Removable Insert for Cleaning.
- Dimensions: 215 x 50 x 100m/m (W x H x D)



### SMALL OBLONG-6 COMPT.

• ITEM #805-003 Red  
• ITEM #805-004 Blue



- Ideal for Holding Burs & Small Instruments.
- Has 6 Compartments.
- Removable Insert for Cleaning.
- Dimensions: 130 x 15 x 50m/m (W x H x D)

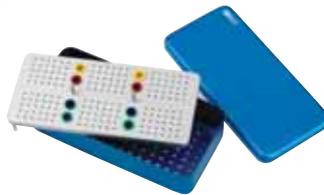


### LARGE OBLONG TYPE A

• ITEM #812-004 Blue



- A Simple & Effective Organizer with Sections for your Hand Files.
- Holds 180 Endo Instruments, 8 Color Coded Silicone Cups for Points, perforated bottom case.
- Removable Insert for Cleaning.
- Dimensions: 218 x 53 x 105m/m (W x H x D)



### LARGE OBLONG TYPE B

• ITEM #812-005



- An Organizer for Hand & Rotary Files as well as Points.
- Store your Instruments in One Place.
- Holds 357 Endo Instruments, 21 Silicone Cups for Points.
- Removable Insert for Cleaning.
- Dimensions: 205 x 53 x 105m/m (W x H x D)



### LARGE OBLONG TYPE C

• ITEM #812-006



- A Very Practical Box. Easy to use inserts individually as needed.
- Holds 206 Endo Instruments, 12 Silicone Cups for Points. Interchangeable Inserts.
- Removable Insert for Cleaning.
- Dimensions: 205 x 53 x 105m/m (W x H x D)

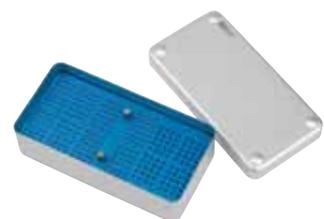


### LARGE OBLONG TYPE D

• ITEM #812-007



- Organizer for Hand & Rotary Files.
- Holds 192 Hand Instruments, 80 Rotary Instruments.
- Removable Insert for Cleaning.
- Dimensions: 205 x 53 x 105m/m (W x H x D)



### LARGE COMBI

• ITEM # 818-001



- Versatile & Practical. Allows separation of specific instruments.
- Holds 5 individual Inserts(A+B+C+D+E).
- Insert A : 6 cups + 6 cups
- Insert B : 2 sets of 6 cups & Holds 12 Endo Instruments
- Insert C : 4 cups, Holds 48 Endo Instruments
- Insert D : 2 cups, Holds 48 Endo Instruments
- Insert E : Holds 72 Endo Instruments
- Removable Insert for Cleaning.
- Dimensions: 205 x 53 x 105m/m (W x H x D)



### LARGE OBLONG TYPE E

• ITEM # 812-008



- Store your files in one place. Holds 308 Endo Instruments, 5 Color Coded Silicone Cups, 3 Locations.
- 2 Separate Inserts. Height Adjustment(not visible).
- Removable Insert for Cleaning.
- Dimensions: 205 x 53 x 105m/m (W x H x D)



## MEDIUM COMBI

### • ITEM #817-001



- A Compact & Practical File & Point Organizer.
- Holds 3 Individual Inserts(C+D+E).  
Insert C : 4 cups, Holds 48 Endo Instruments
- Insert D : 2 cups, Holds 48 Endo Instruments
- Insert E : Holds 72 Endo Instruments
- Removable Insert for Cleaning.
- Dimensions: 122 x 50 x 100m/m (W x H x D)



## SMALL COMBI TYPE C

### • ITEM #816-030



- A Compact Organizer for Hand & Rotary Files.
- Holds 48 Endo Instruments, 4 Color Coded Silicone Cups for Points.
- Removable Insert for Cleaning.
- Autoclavable silicone cups.
- Dimensions: 105 x 52 x 44m/m (W x H x D)



## SMALL COMBI TYPE E

### • ITEM #816-050



- A Compact Organizer for Hand & Rotary Files.
- Holds 72 Endo Instruments.
- Removable Insert for Cleaning.
- Dimensions: 105 x 52 x 44m/m (W x H x D)



## SMALL COMBI TYPE G

### • ITEM #816-070



- A Compact Organizer for Hand & Rotary Files.
- Holds 48 Endo Instruments Medium Sized Perforations.
- Removable Insert for Cleaning.
- Dimensions: 105 x 52 x 44m/m (W x H x D)



## ENDO GRIP(MINI)

### • ITEM #833-001



- Commonly Used for Cleaning Files.
- Holds sponge or gauze.
- Available in Blue.
- Diameter: 40m/m, Height: 35m/m



## ENDO CLEANER

### • ITEM #834-001 Open

### • ITEM #834-002 Closed



- Commonly Used for Cleaning and sterilizing Files.
- Top unscrews for easy replacement of Gauze.
- Diameter: 40m/m, Height: 30m/m



## ENDO METER

### • ITEM #835-002 Type A- Silver

### • ITEM #835-003 Type B- Red



- Holds & Measures 10 Files.
- Gauges from 1 to 35mm.
- Features a locking spring mechanism inside for easy use.
- Diameter: 35m/m, Height: 48m/m



## LARGE OBLONG EMPTY BOX

### • ITEM #820-003 Blue



- An all purpose storage container.
- Ideal for holding accessories.
- Dimensions: 210 x 25 x 50m/m (W x H x D)



### GERMICIDE TRAY

• **ITEM #711-001**



- Used for Cold Sterilization. Easy & Safe to handle.
- One Large & One Small compartment.
- Easy loading and unloading.
- Dimensions: 263 x 72 x 115 m/m (W x H x D)



### WASTE CONTAINER

• **ITEM #814-001 Small**

- Diameter: 56m/m, Height: 47m/m
- Color: Silver

• **ITEM #815-002 Large**

- Diameter: 70m/m, Height: 74m/m
- Color: Gold

Separates into 3 pieces for easy Cleaning. Equipped with locking system.



### CONTAINER(STERILIZING)



• **ITEM #824-001 Type A**

- Holds 10 Endo Instruments.
- Dimensions : 185 x 35 x 145 m/m (W x H x D)

• **ITEM #824-002 Type B**

- Holds 16 Endo Instruments.
- Dimensions : 185 x 35 x 286 m/m (W x H x D)

- Well Built, Rigid, Sterilizing Container.
- Features Locking System, Fits many sterilizing units.



### BUR STERI BATH

• **ITEM # 730-001 White**  
• **ITEM # 730-002 Transparent**



- Used for Sterilizing Burs & Small Instruments.
- Removable insert for liquid drainage.
- 1 Basin bowl/ 1 Perforated insert/ 1 Cover.
- Diameter : 88 m/m
- Height : 68 m/m



### GERMICIDE ROUND BUR BOX

• **ITEM #915-001**



- Contains perforated insert for drainage.
- Practical & Durable.
- 1 Basin bowl/ 1 Perforated insert/ 1 Cover.
- Diameter: 75m/m, Height: 35m/m



### MINI INSTRU. MAT

• **ITEM #702-106 Blue**



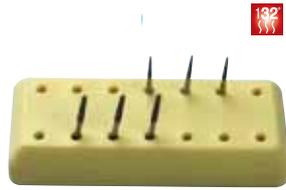
- Holds up to 8 instruments
- Dimensions : 130 x 16 x 103m/m(W x H x D)



MAGNETIC BUR BLOCK(OBLONG-14 HOLE)

Type A

ITEM #717-103 Yellow  
 ITEM #717-105 Beige  
 ITEM #717-106 Blue  
 - Dimensions:  
 77 x 13 x 33m/m (W x H x D)



Type A

Type B

ITEM #717-203 Yellow  
 ITEM #717-205 Beige  
 ITEM #717-206 Blue  
 - Dimensions:  
 76 x 12 x 37mm (W x H x D)



Type B

- 14 Holes  
 - Fits both FG and RA types.

MINI BUR STAND

Type A



•Silver ITEM #838-101  
 •Red ITEM #838-103  
 •Blue ITEM #838-104



- Holds 12 Friction Grip(high speed) Burs  
 - Durable Aluminum  
 - Dimensions: 45 x 32 x 25m/m (W x H x D)

Type B



•Silver ITEM #838-201  
 •Red ITEM #838-203  
 •Blue ITEM #838-204



- Holds 12 Right Angle(low speed) Burs  
 - Durable Aluminum  
 - Dimensions: 45 x 32 x 25m/m (W x H x D)

MAGNETIC BUR BLOCK(SQUARE-8 HOLE)

ITEM #717-303 Yellow  
 ITEM #717-306 Blue



- Fits both FG and RA types.  
 - Dimensions : 40 x 13 x 40m/m (W x H x D)

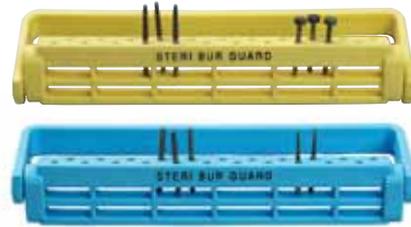


STERI BUR GUARD(22 HOLE)

ITEM #716-103 Yellow  
 ITEM #716-106 Blue



- Fits 22 latch & friction grip burs  
 - Lid does not allow the burs to fall out of the stand.  
 - Diameter: 75m/m, Height: 35m/m



MAGNETIC BUR BLOCK(ROUND 24 HOLE)



8 Holes

ITEM #717-503 Yellow  
 ITEM #717-505 Beige  
 ITEM #717-506 Blue  
 - Diameter : 43m/m, Height: 10m/m



8 Holes

24 Holes

ITEM #717-603 Yellow  
 ITEM #717-605 Beige  
 ITEM #717-606 Blue  
 - Diameter : 73m/m, Height: 10m/m



24 Holes

- Fits both FG & RA types

**PROPHY RUBBER CUP RIBBED & WEBBED**

- **ITEM #950-201** : Latch Type
- **ITEM #950-202** : Screw Type
- Packed 144 cups



Latch Type (RC - 001)



Screw Type (RC - 002)

**PROPHY RUBBER CUP RIBBED**

- **ITEM #950-221** : Latch Type
- **ITEM #950-222** : Screw Type
- Packed 144 cups



Latch Type (RC - 005)



Screw Type (RC - 006)

**PROPHY RUBBER CUP WEBBED**

- **ITEM #950-211** : Latch Type
- **ITEM #950-212** : Screw Type
- Packed 144 cups



Latch Type (RC - 003)



Screw Type (RC - 004)

**PROPHY RUBBER CUP SNAP-ON**

- **ITEM #950-251** : Ribbed
- **ITEM #950-252** : Webbed
- Packed 144 cups



Ribbed (RC - 010)



Webbed (RC - 011)

**PROPHY RUBBER CUP UMBRELLA SHAPE**

- **ITEM #950-231** : Latch Type
- **ITEM #950-232** : Screw Type
- Packed 144 cups



Latch Type (RC - 007)



Screw Type (RC - 008)

**PROPHY RUBBER CUP SNAP-ON RIBBED & WEBBED**

- **ITEM #950-253**
- Packed 144 cups



(RC - 012)

**PROPHY RUBBER CUP WEBBED WITH WASHER LATCH TYPE**

- **ITEM #950-241**
- Packed 144 cups



(RC - 009)

### CANDLE BRUSH

- **ITEM #941-104 :**  
Latch Type, Packed 24 brushes
- **ITEM #941-105 :**  
Screw Type, Packed 24 brushes and 10 mandrels
- For removing stains from occlusal pits and fissures and for preparing tooth surface prior to sealant and orthodontic application.
- Diameter : Latch Type : 4.50mm / Screw Type : 5.00mm



### POST BRUSH

- **ITEM #941-100 :**  
Mandrels for Screw Type, packed 20 pcs
- **ITEM #941-102 :**  
Screw Type, Packed 30 brushes
- For quick cleaning root canal preparation, under bridge.
- Available to insert sterilizing liquid during turn it left in Contra Angle.
- Available to flow out the stains like cement, liquid during turn it right.
- Recommended rotation: 300-800rpm.
- Single use.
- Diameter : Latch Type : 1.20mm / Screw Type : 1.03mm



### PROPHY BRUSH

- **ITEM #950-101 :** Latch Type
- **ITEM #950-102 :** Screw Type
- Packed 144 brushes
- Diameter Latch Type : 4.48mm / Screw Type : 4.48mm



### PROPHY BRUSH POINTED HEAD

- **ITEM #950-112 :** Screw Type
- Packed 144 brushes
- Diameter Screw Type : 4.48mm



### PROPHY BRUSH LARGE HEAD LATCH TYPE

- **ITEM #950-121**
- Packed 144 brushes
- Diameter : 5.98mm



### PROPHY BRUSH LARGE POINTED HEAD LATCH TYPE

- **ITEM #950-131**
- Packed 144 brushes
- Diameter : 5.98mm



**INSTRUMENT TRAY TYPE A (Perforated)**

• ITEM #826-001



- Holds 10 Instruments
- Ideal for Instrument Sterilization.
- Perforations Facilitate Sterilization & Drainage.
- Dimensions: 190 x 35 x 150m/m (W x H x D)

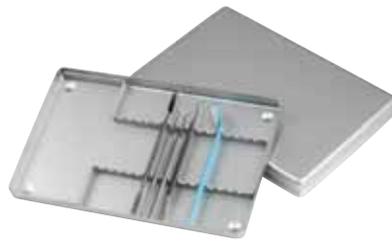


**INSTRUMENT TRAY TYPE B (Non-Perforated)**

• ITEM #825-002



- Holds 16 Instruments
- Ideal for Instrument Storage.
- Dimensions: 280 x 35 x 180m/m (W x H x D)



**INSTRUMENT CASSETTE TYPE A**

• ITEM # 913-001



- Holds 14 Instruments.
- Has 4 silicone instrument holding units.
- Easy to open & close.
- Locking system.
- Dimensions: 215 x 25 x 105m/m (W x H x D)



**INSTRUMENT CASSETTE TYPE C**

ITEM #913-003



- Holds 40 Instruments.
- Has 4 silicone instrument holding units.
- Easy to open & close.
- Locking system.
- Fits Stainless Steel Rack Type D.
- Dimensions: 280 x 25 x 190m/m (W x H x D)



**INSTRUMENT CASSETTE TYPE B**

• ITEM #913-002



- Holds 20 Instruments.
- Has 4 silicone instrument holding units.
- Easy to open & close.
- Locking system.
- Fits Stainless Steel Rack Type C.
- Dimensions: 185 x 25 x 145m/m (W x H x D)



**MIXING SLAB**



- High quality, competitively priced Mixing Slabs available in 4 sizes.
- Do not Autoclave.



- ITEM #603-005 LT  
- Dimensions : 150 x 15 x 80m/m (W x H x D)
- ITEM #603-004 LM  
- Dimensions : 150 x 10 x 75m/m (W x H x D)
- ITEM #603-002 L  
- Dimensions : 112 x 6 x 76m/m (W x H x D)

**CHAIR SIDE TABLE**

• ITEM #712-001 White



- Comes with attachments.
- Can be adapted to several types of chairs.
- Hole Diameter : available from 25 to 50m/m.
- Easy access to instruments.
- Dimensions : 390 x 30 x 235m/m (W x H x D)



**TISSUE HOLDER**

• ITEM #712-101 White



- Can be adapted to several types of chairs.
- Tissue box holder fits on unit chair pole.
- Hole Diameter : available from 25 to 50m/m.
- Dimensions : 245 x 54 x 125m/m(W x H x D)



**X-RAY FILM HOLDER**

ITEM #750-001



- Used for Anterior and Posterior X-Ray.
- Angled for patient comfort in Anterior x-rays.



**RETRACTOR (TYPE A)**

ITEM #740-001 Adult  
ITEM #740-002 Child



- Soft Flexible Plastic
- Pkg. of 2

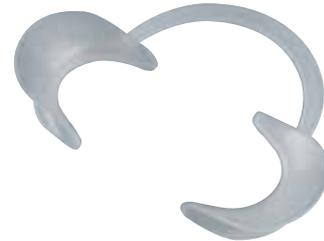


**CHEEK RETRACTOR (TYPE B)**

ITEM #741-001 Adult  
ITEM #741-002 Child



- Soft Flexible Plastic
- Expands the mouth widely
- Pkg. of 2



**COTTON ROLL DISPENSER**

ITEM #770-001 White



- Holds approximately 60 Cotton Rolls.
- Features pull out drawer for easy cotton dispensing.
- Lid flips back for refilling.
- Non-slip bottom.
- Adjustable width for Cotton Roll in 20, 30 and 40m/m.
- Dimensions: 170 x 101 x 52m/m(W x H x D)



**ENDO TRAINING BLOC**

ITEM #943-100



- Clear acrylic blocs.
- Ideal for training bloc for new techniques.
- Used for .04 tapered NiTi Rotary Files(curved type)
- Pkg. of 10

**ID-RING**

- Silicone rubber
- Standard size(inner diameter 3.6mm)
- Pkg. of 120



- ITEM #942-101 White
- ITEM #942-102 Black
- ITEM #942-103 Brown
- ITEM #942-104 Green
- ITEM #942-105 Orange
- ITEM #942-106 Red
- ITEM #942-107 Gray
- ITEM #942-108 Yellow
- ITEM #942-109 Pink
- ITEM #942-110 Light Brown
- ITEM #942-191 Assorted





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# DiaDent's Network

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