

# Conservative Dentistry



Operative Area

P54

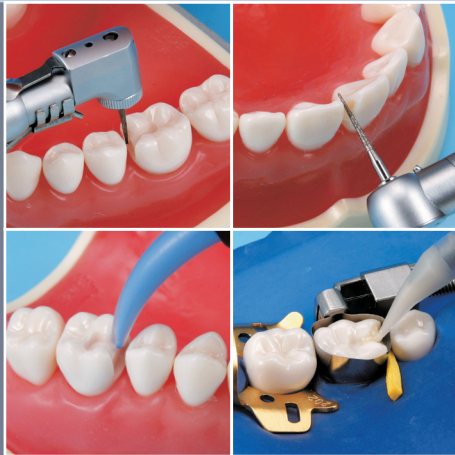


Endodontics Area

P56

The CON (Conservative) Series.  
A Wide Variation for Mastering the Operative Area.

The first step in learning operative techniques requires understanding things such as how to handle cavity preparation and how to use rubber dam sheets. Therefore, it is essential to comprehensively practice basic techniques. The CON Series has functions that are necessary for learning various operative treatment techniques, and allows you to choose from a wide variety of offerings. Also, by combining with a variety of optional tooth models, you can step up to a more practical technique training.



Cavity Preparation

All models in the series come equipped with tooth models that are ideal to use with air turbine handpieces and contra-angle handpieces, so it is possible to experience the cutting feeling. Also, the jaw models are shaped wide towards the labiobuccal transition area so it is easier to perform anterior area cavity preparation.



Rubber Dam Isolation Technique (Dry-Field)

To allow easy attachment of the rubber dam clamp, the gingiva is lowered and the crown area is exposed. Also, the embrasure is made wider so it is easier to attach matrix bands and wedges.



Impression Taking

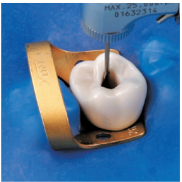
There is a soft type and a hard type model for the gingiva, and models which are fitted with the soft type gingiva allow for a complete training, from gingival retraction to impression taking.

Expanding Training Uses with Optional Tooth Models



Plugging the Filling Material / A25 Series

By combining with tooth models that you have performed cavity preparations on, or with the A25 Series that have pre-prepared cavity preparations, it is possible to do operative practice using various filling materials and matrix bands.



Endodontics / S12

By interchanging to the S12 that have pulp chambers and root canals, you can practice the series of procedures up to root canal filling as you experience the feeling during pulp chamber roof removal and root canal enlargement.



Abutment Fabrication, Post & Core Preparation / A25

Practicing abutment fabrication becomes possible by combining with the A25 Series that is pre-prepared to a post & core form. Also, the A12 tooth models which have a root canal allows for post & core preparation up to abutment fabrication.

Operative Jaw Model (32 teeth)  
[CON2001-UL-SP-FEM-32]

- Basic yet comprehensive training model
- Soft type replaceable gingiva – 2 types to choose from (pink, pink for silicone impression taking)
- A wide variety of operative training is possible
- A wider facial gingival area compared to the PRO2001 allows you to practice various operative techniques

Articulator

FE CON2001-UL-SP-FEM-32    D CON2001-UL-SP-DM-32

DP CON2001-UL-SP-DPM-32    NON CON2001-UL-SP-HM-32

Replacement Parts

TOOTH Simple Root Tooth Model / A5A-200    Parts : 32 teeth

GINGIVA CON2001-GUL-SP-32



Variation



Operative Jaw Model (32 teeth) [CON2001-UL-UP-FEM-32]

Articulator

FE CON2001-UL-UP-FEM-32    D CON2001-UL-UP-DM-32

DP CON2001-UL-UP-DPM-32    NON CON2001-UL-UP-HM-32

Replacement Parts

TOOTH Simple Root Tooth Model / A5A-200    Parts : 32 teeth

GINGIVA CON2001-GUL-UP-32



Prosthetic Restoration Jaw Model (32 teeth) [CON2001-UL-HD-FEM-32]

Articulator

FE CON2001-UL-HD-FEM-32    D CON2001-UL-HD-DM-32

DP CON2001-UL-HD-DPM-32    NON CON2001-UL-HD-HM-32

Replacement Parts

TOOTH Simple Root Tooth Model / A5A-200    Parts : 32 teeth

+ Subgingival practice is not possible.

Training Method	CON2001-UL-SP-FEM-32	CON2001-UL-UP-FEM-32	CON2001-UL-HD-FEM-32
Abutment tooth preparation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cavity preparation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Personal tooth tray fabrication	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Gingival retraction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Alginate combination impression	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Silicone impression	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Temporary prosthesis fabrication/fitting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Final prosthesis fabrication/fitting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Replacement Parts



Simple Root Tooth Model (Permanent Tooth) [A5A-200]

- Anatomical form crown and a simple straight root design
- Suited for abutment tooth and cavity preparation
- Teeth set comes pre-fitted with the CON 2001 Series jaw model

Parts

18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38

Training Method
Cavity preparation



Gingiva for CON2001-UL-SP  
Replacement gingiva

MODEL NAME

- CON2001-GUL-SP-32



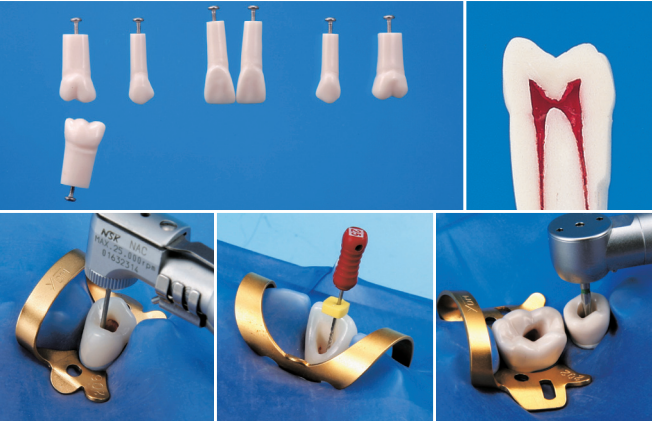
Gingiva for CON2001-UL-UP  
Suited for silicone impression taking

MODEL NAME

- CON2001-GUL-UP-32



Option Parts



Endodontic Tooth Model  
[A12A-200]

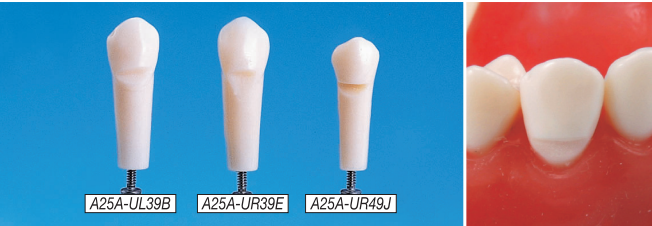
- A single root tooth model based on the A5A-200 with a pulp chamber and a root canal
- Pulpal walls are stained red to allow easy view of preparation conditions such as during root canal enlargement
- By combining with the CON Series model, you can practice pulp chamber opening, rubber dam attachment, root canal enlargement and root canal filling

Parts

	16	14		11	21		24	26	
	46								

«Anterior teeth and lower premolars have screws penetrating the root canal due to their fixation to the jaw model. Please use the screw-less version teeth if this hinders training. Please use utility wax to attach the screw-less teeth in its socket.

Training Method			
Opening of the pulp chamber	<input type="radio"/>	Root canal enlargement	<input type="radio"/>
Root canal length measurement	<input type="radio"/>	Root canal filling	<input type="radio"/>



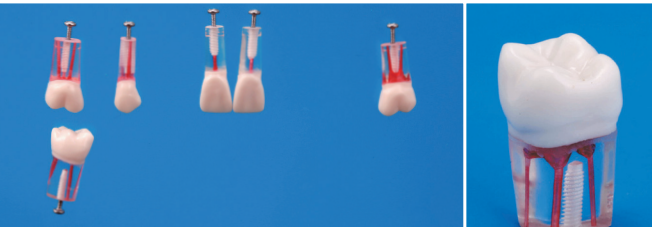
Wedge-shaped Defect Tooth Model  
[A25A-UL39B (#23)] [A25A-UR39E (#13)] [A25A-UR49J (#14)]

- A cavity preparation practice tooth model representing a wedge-shaped defect

Parts

			14	13				23						

Training Method	
Cavity preparation	<input type="radio"/>



Endodontic Tooth Model  
[S12A-200]

- Pulp chamber and root canal are stained red
- The root portion is transparent so it is easy to check the preparation condition

Parts

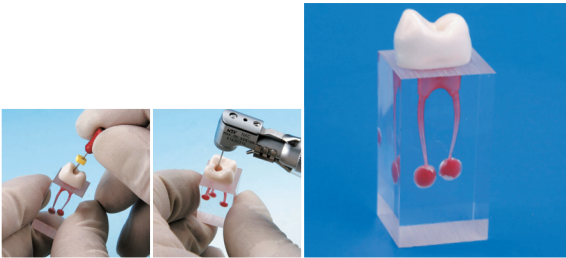
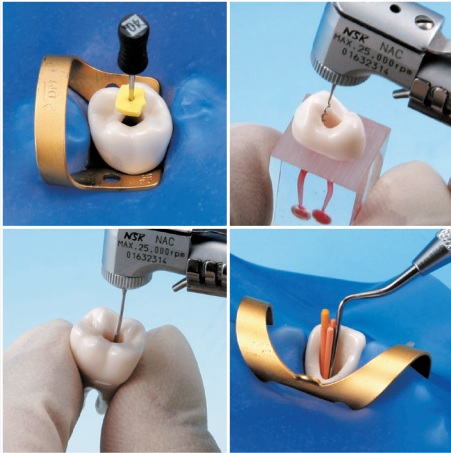
	16	14		11	21			26	
	46								

«Anterior teeth and lower premolars have screws penetrating the root canal due to their fixation to the jaw model. Please use the screw-less version teeth if this hinders the training. Please use utility wax to attach the screw-less teeth in its socket.

Training Method			
Opening of the pulp chamber	<input type="radio"/>	Root canal enlargement	<input type="radio"/>
Root canal length measurement	<input type="radio"/>	Root canal filling	<input type="radio"/>

A Wide Variation of Endo Model Series  
for Mastering the Endodontics Area.

The Endo Model Series offers a wide variety of choices according to the purpose and level, allowing fast and easy mastering of root canal treatment techniques. By using these models, you can understand various preparation methods as well as characteristics of instruments such as reamers, while experiencing the feeling during removal of pulp chamber roof and root canal enlargements.



Hand-held Type Practice Models: S/E Series

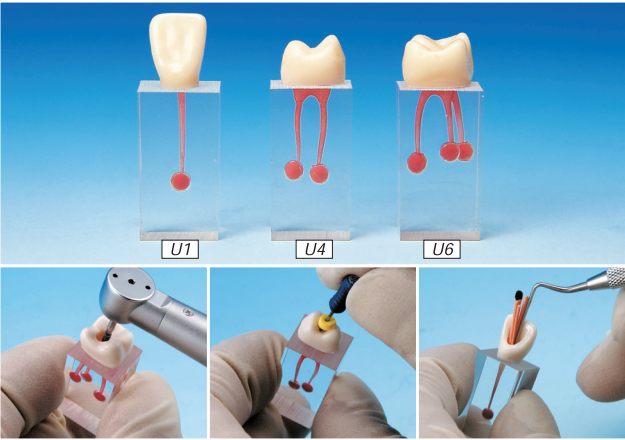
The S and E Series represent various root canal types inside a transparent block . Models that have only the root canals as well as models with crowns attached allow practicing basic root canal treatment technique methods while experiencing the feeling during root canal preparation.



Jaw Model-mounted Type Practice Models: B Series

The natural root form B Series allows for a more clinical root canal treatment practice. Basic models with natural tooth root and root canal are available. The models also allow you to feel the different cutting characteristics and is X-Ray compatible.

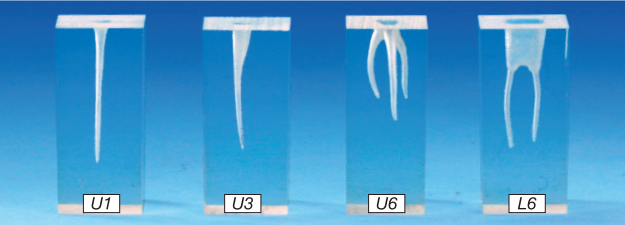




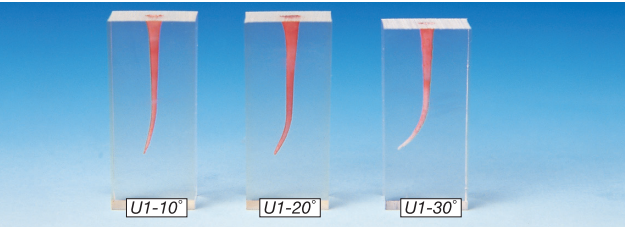
- Root Canal Model [S7 Series]**
- Pulp chamber and root canal inside a transparent block with a crown attached on top
  - A silicone ball is added to the apical foramen to help understand the feeling during perforation
  - Suited for preliminary practice of opening the pulp chamber, root canal enlargement and root canal filling
  - The pulpal walls are stained red so it is easy to see and check the positioning of the reamers and files

Training Method			
Opening of the pulp chamber	<input type="radio"/>	Root canal enlargement	<input type="radio"/>
Root canal length measurement	<input type="radio"/>	Root canal filling	<input type="radio"/>

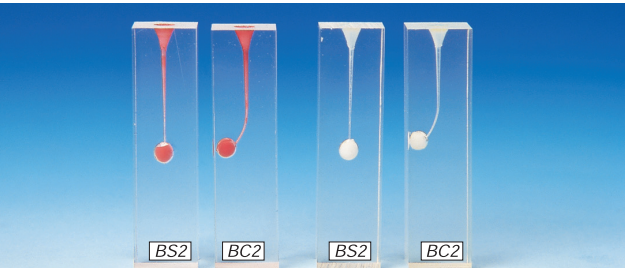
Model Variations



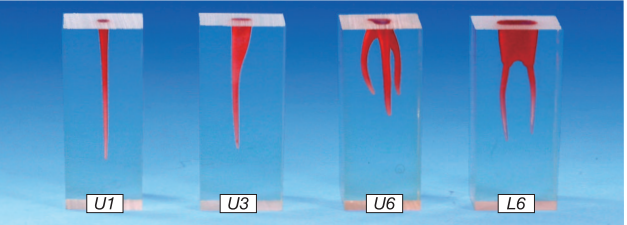
- Root Canal Model [S1 Series]**
- Various types of unstained root canals available in a transparent block
- Variation**
- Maxillary Central Incisor / S1-U1
  - Maxillary First Molar / S1-U6
  - Maxillary Canine / S1-U3
  - Mandibular First Molar / S1-L6



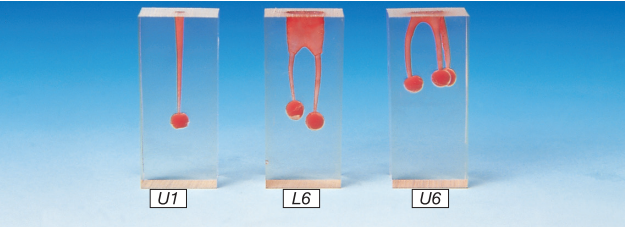
- Root Canal Model [S4 Series]**
- Various central incisor root canals of differing degree of curvature inside a transparent block
  - 3 different degrees of curvature to choose from: 10°, 20°, and 30°
- Variation**
- 10° curvature / S4-U1-10°
  - 30° curvature / S4-U1-30°
  - 20° curvature / S4-U1-20°



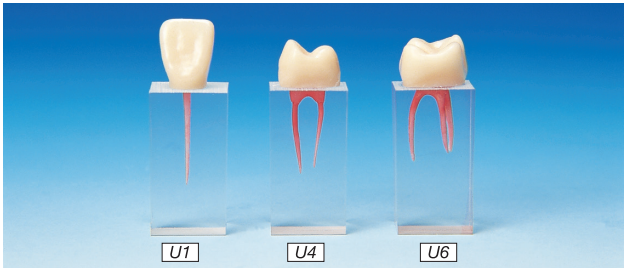
- Root Canal Model [S8 Series]**
- 2 different types of root canals, straight and curved
  - Each type has a stained and unstained version
  - A silicone ball is added to the apical foramen to help understand the feeling during perforation
- Variation**
- |                    |                   |                  |                   |
|--------------------|-------------------|------------------|-------------------|
| Root canal         | •S8-BS2-Stained   | Root canal       | •S8-BC2-Stained   |
| Curvature straight | •S8-BS2-Unstained | Curvature curved | •S8-BC2-Unstained |



- Root Canal Model [S2 Series]**
- Various types of red-stained root canals available in a transparent block
- Variation**
- Maxillary Central Incisor / S2-U1
  - Maxillary First Molar / S2-U6
  - Maxillary Canine / S2-U3
  - Mandibular First Molar / S2-L6

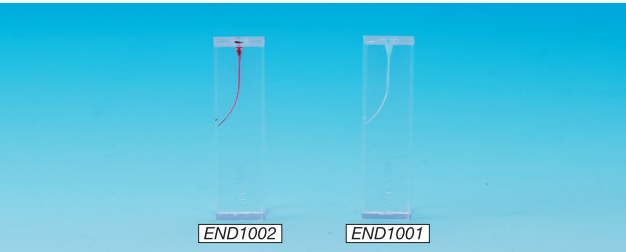


- Root Canal Model [S6 Series]**
- Various types of root canals in a transparent block
  - A silicone ball is added to the apical foramen to help understand the feeling during perforation
- Variation**
- Maxillary Central Incisor / S6-U1
  - Mandibular First Molar / S6-L6
  - Maxillary First Molar / S6-U6

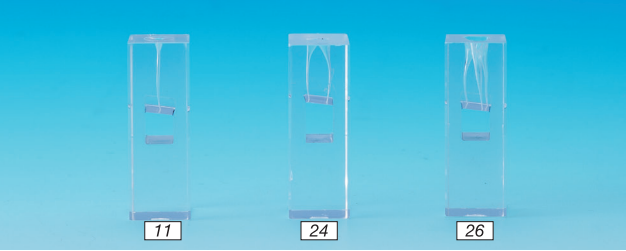


- Root Canal Model [S3 Series]**
- Pulp chamber and root canal inside a transparent block with a crown attached on top
  - Suited for preliminary practice of opening the pulp chamber, root canal enlargement and root canal filling
  - The pulpal walls are stained red so it is easy to see and check the positioning of the reamers and files
- Variation**
- Maxillary Central Incisor / S3-U1
  - Maxillary First Premolar / S3-U4
  - Maxillary First Molar / S3-U6

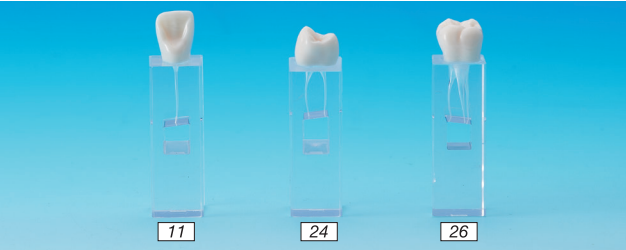
The E Series has a narrower root apex than the S Series, enabling the use of reamers #15.



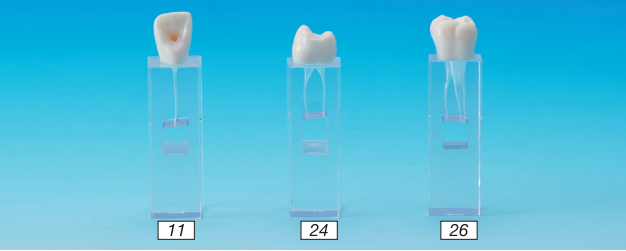
- Root Canal Model [E-END1 Series]**
- Simulates the sensation felt during apical perforation
  - Each type has a stained and unstained version
- Variation**
- 30°curvature / E-END1002-30-#20
  - 30°curvature / E-END1001-30-#20



- Root Canal Model [E-END3L Series]**
- Simulates the sensation felt during apical perforation
  - Each type has a stained and unstained version
- Variation**
- Maxillary Central Incisor / E-END3L001-11-RCL
  - Maxillary First Premolar / E-END3L001-24-RCL
  - Maxillary First Molar / E-END3L001-26-RCL



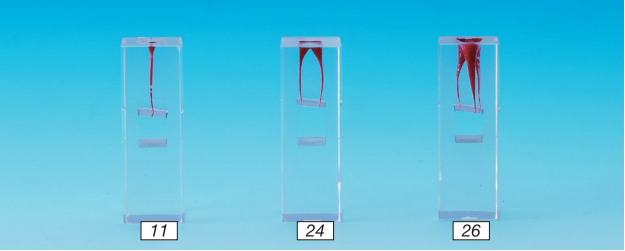
- Root Canal Model [E-END3M Series]**
- Simulates the sensation felt during apical perforation
  - Suited for preliminary practice of opening the pulp chamber, root canal enlargement and root canal filling
  - Each type has a stained and unstained version
- Variation**
- Maxillary Central Incisor / E-END3M001-11-RCL
  - Maxillary First Premolar / E-END3M001-24-RCL
  - Maxillary First Molar / E-END3M001-26-RCL



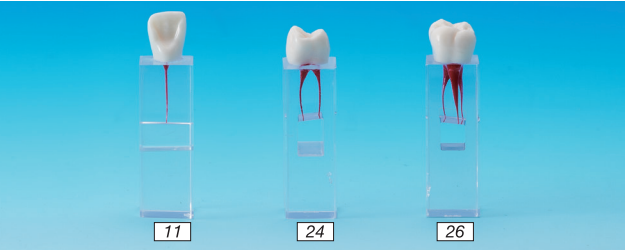
- Root Canal Model [E-END3N Series]**
- Simulates the sensation felt during apical perforation
  - Pre-removed pulp chamber ceiling reduces practice time
- Variation**
- Maxillary Central Incisor / E-END3N001-11-RCL
  - Maxillary First Premolar / E-END3N001-24-RCL
  - Maxillary First Molar / E-END3N001-26-RCL



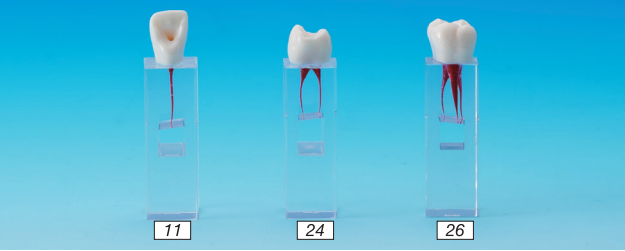
- Root Canal Model [E-END1R Series]**
- Simulates the sensation felt during apical perforation
  - Transparent blocks with specially-shaped root canals
- Variation**
- 45°curvature / E-END1R001-11-RCL
  - S-shaped canal / E-END1R002-11-RCL



- Root Canal Model [E-END3L Series]**
- Simulates the sensation felt during apical perforation
  - Each type has a stained and unstained version
- Variation**
- Maxillary Central Incisor / E-END3L001-11-RRE
  - Maxillary First Premolar / E-END3L001-24-RRE
  - Maxillary First Molar / E-END3L001-26-RRE



- Root Canal Model [E-END3M Series]**
- Simulates the sensation felt during apical perforation
  - Suited for preliminary practice of opening the pulp chamber, root canal enlargement and root canal filling
  - Each type has a stained and unstained version
- Variation**
- Maxillary Central Incisor / E-END3M001-11-RRE
  - Maxillary First Premolar / E-END3M001-24-RRE
  - Maxillary First Molar / E-END3M001-26-RRE



- Root Canal Model [E-END3N Series]**
- Simulates the sensation felt during apical perforation
  - Pre-removed pulp chamber ceiling reduces practice time
- Variation**
- Maxillary Central Incisor / E-END3N001-11-RRE
  - Maxillary First Premolar / E-END3N001-24-RRE
  - Maxillary First Molar / E-END3N001-26-RRE





## Anatomical Pulp Cavity & Root Model

[B22X Series]

- A natural root form tooth model with anatomical pulp cavity
- X-ray imaging ability
- Difference in cutting feel between the enamel and the dentin material similar to natural teeth
- Electric root canal measuring can be done when combined with the jaw model shown below

Training Method			
Opening of the pulp chamber	<input type="radio"/>	Root canal enlargement	<input type="radio"/>
Root canal length measurement	<input type="radio"/>	Root canal filling	<input type="radio"/>

•Measured using X-Ray method

Parts						11				24	26				
			44							33		36			

## •Related Products



### Root Canal Length Measurement Model

[CON1002-UL-HD]

- Allows training using electric root canal length measuring method
- Practice can be done using B22X Series model teeth along with an electrical conductive paste

Training Method	
Root canal length measurement	<input type="radio"/>

•Measured using electric apex probe.



### Electric Conductive Paste

[NP-1]

- Possesses electrical conductivity made exclusively for the Root Canal Length Measurement Model

Volume

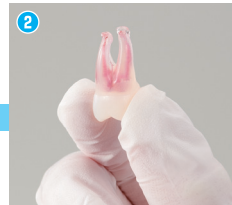
12g

•Tube has enough paste to apply 2 times each on 6 teeth.

## How to use the Root Canal Length Measurement Model



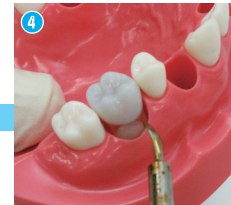
Perform pulp chamber perforation on the tooth model and clean the inside of the root canal.



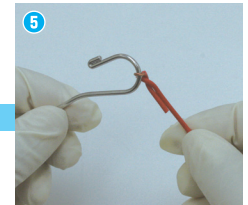
Apply the NP-1 paste to the apical foramen area of the tooth model and let it dry for about half a day.



Fill the NP-1 paste, and slowly insert the tooth into the appropriate socket of the jaw model.



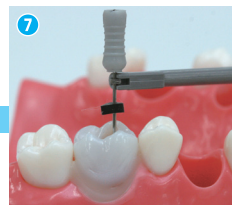
Plant the prepared tooth model into the jaw model and fix it with utility wax.



Attach the included cord by winding it onto the terminal of the electronic apex locator patient side.



Connect the cord to the jaw model. Setup is complete.



Measure the root canal length by following instructions on the instruction manual of the probe.