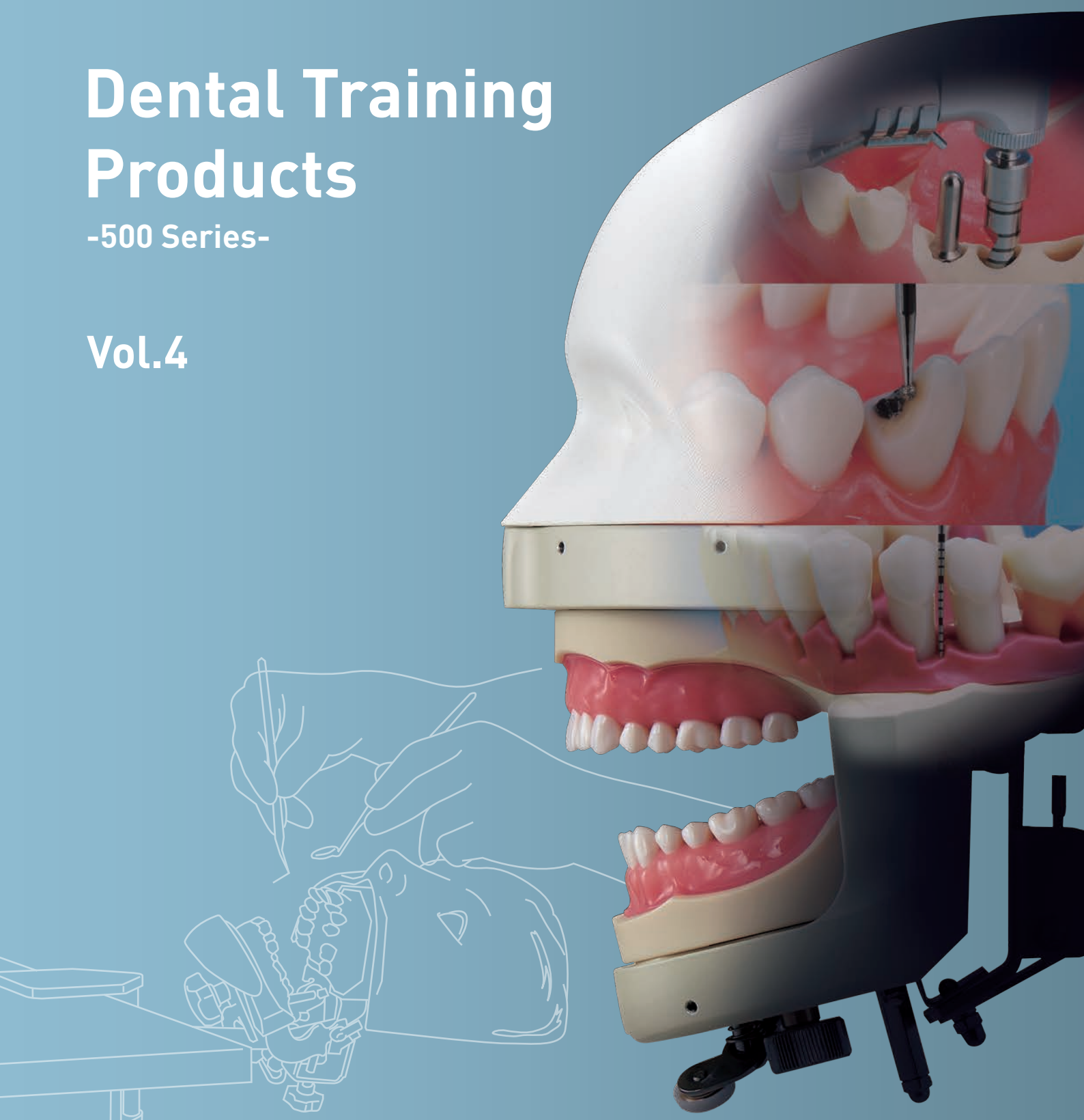
NISSIN

Dental Training Products

-500 Series-

Vol.4



Born in KYOTO

NISSIN

Greetings from the President,

Nissin's humble beginnings started in 1948 from a small factory in the city of Kyoto, Japan under the name NISSIN DENTAL MATERIAL LABORATORY. 10 years later in 1958, we began producing dental study models and gradually grew into an entity providing dental education products to customers worldwide. Nissin has a strong presence in North America, Central and South America, Europe, Middle East, South East Asia, and Oceania markets. For over 75 years, our products have received passionate support from a wide audience of doctors, professors, hygienists, dental assistants and students from all corners of the globe.

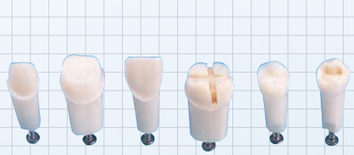
However, instead of being complacent about where we are now, we pledge that we will continue to listen to your voices and opinions, and provide high quality products and useful information that will enrich training well into the future for people all over the world.

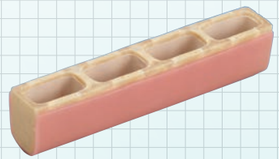
President Koji Yokoe
All the staff

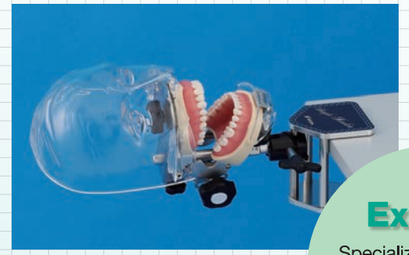
横江 浩司

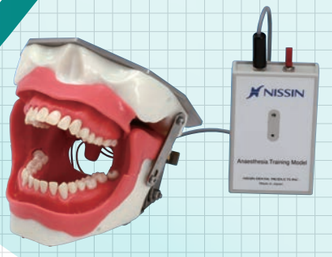
Total Dental Educational Solution

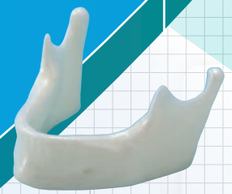
Along Your Career

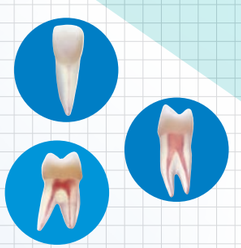












Basic

Learning Dental Anatomy with physical models in conjunction with text books.

Intermediate

Mastering the skills with conventional patient simulator through the objective evaluation system.
Gaining more clinical-like experience with interactive patient simulator.

Advanced

Develop expertise by means of a variety of specialized models.

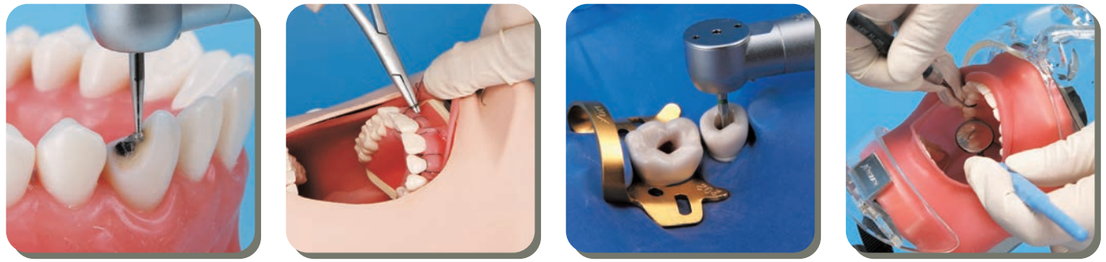
Continuing education

Recurrent training by using hands-on models to brush up your skills.

Experts

Specialized training by use of particular training models to become a specialist dentist.

Post-graduate
Under-graduate



A Total Solution for Dental Education

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Dental Study Model

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Disclaimer

- Due to product improvements, product specifications and design may change without prior notice.
- Products in this catalog may be discontinued without prior notice.
- The practice/training areas were classified by the discretion of NISSIN DENTAL PRODUCTS, INC., and may differ from actual training areas.
- Colors of products shown in the catalog may differ from the actual product due to printing quality.
- The practice/training scenes shown in the catalog are reference images and may differ from actual practice. Also, some cross sectional models are used to explain certain products.
- Please read and refer to the operation manual for instructions on how to use the products safely.
- Products in this catalog are sold through distributors in each country. For information on a distributor in your country, please contact NISSIN DENTAL PRODUCTS, INC.
- Unauthorized reprinting and/or duplicating of any text, photographs and illustrations shown in this catalog are strictly prohibited.

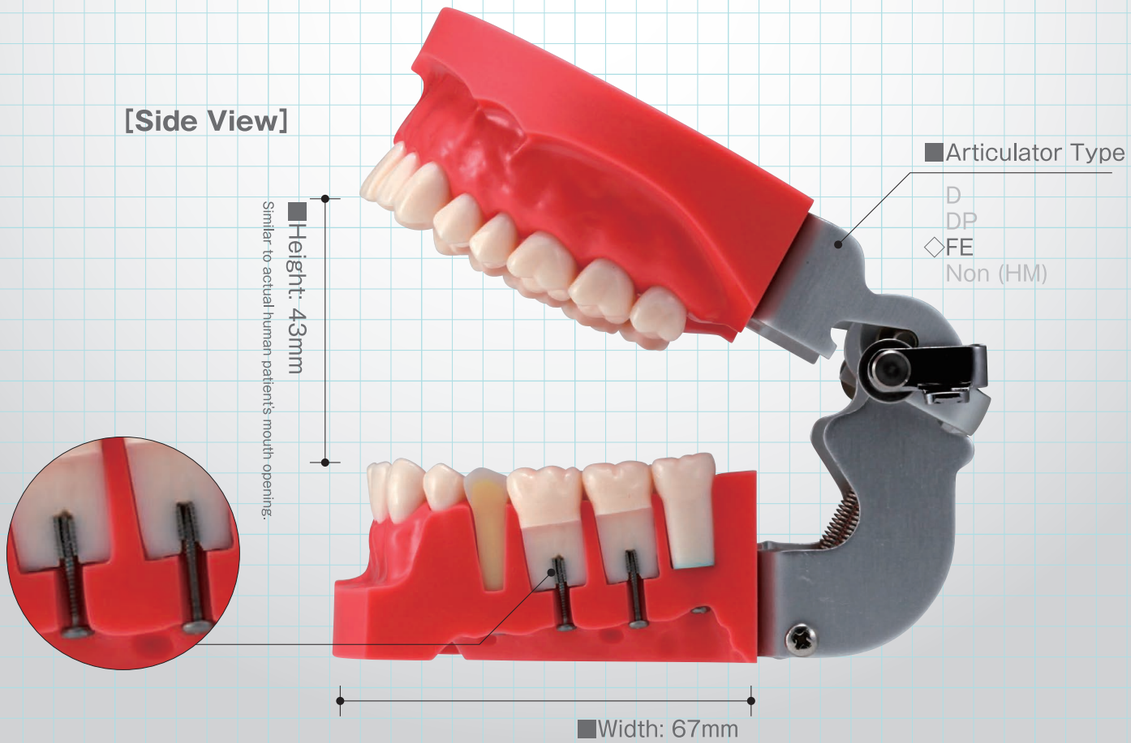
■NISSIN Standard Study Model
Measurement Specifications:

■Weight: 340g (with articulator)
■Actual Size:

[Front View]

■Gingiva Type
Pink
Clear Pink
Clear
◇Hard

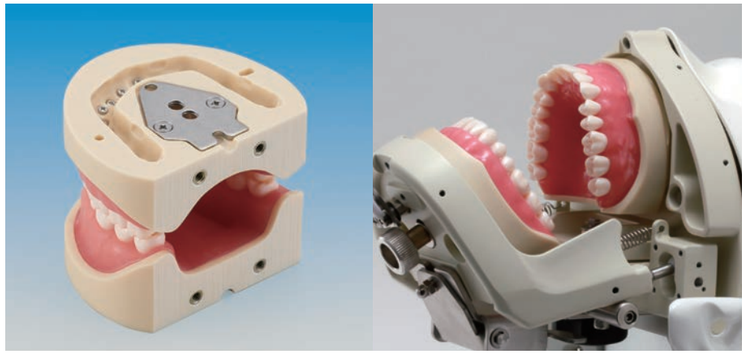
[Side View]



■Articulator Type
D
DP
◇FE
Non (HM)

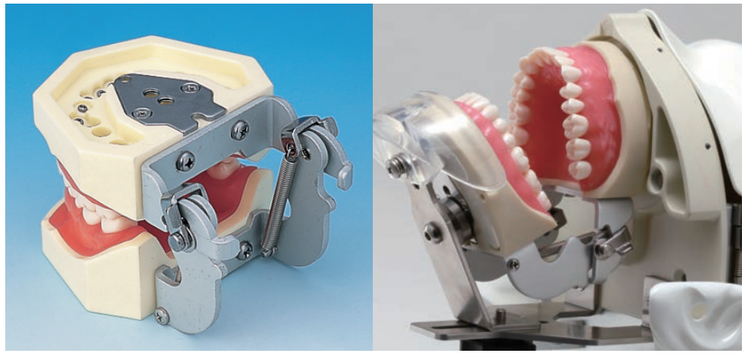
*Measurements are approximate.

■Articulator Variations



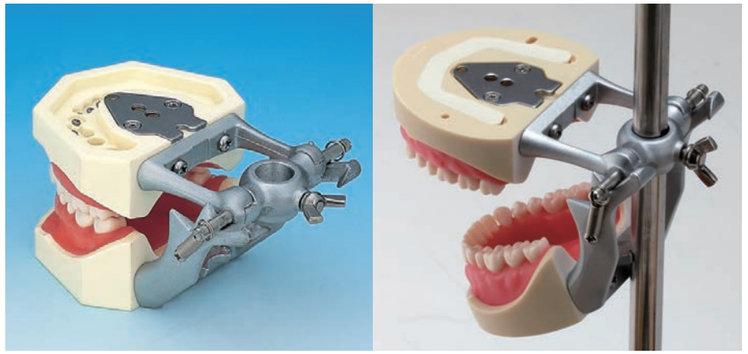
Without articulator (HM)

Models without an articulator can be attached to phantom and manikin systems with adjustable occlusion function capability. The holes in the back also allow easy attachment to FE, D, and DP type articulators if desired.



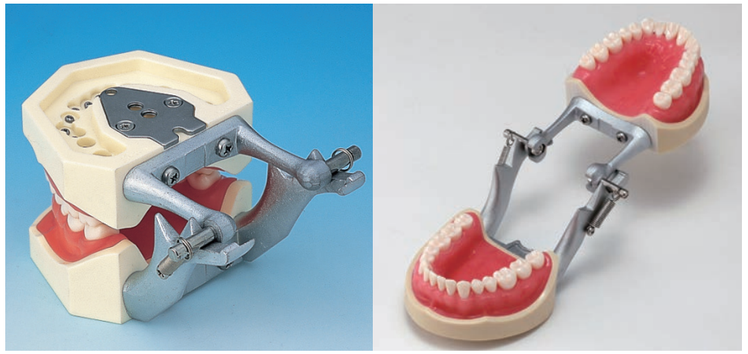
FE articulator

This articulator can be opened and fixed at any position including the maximum opening position, and allows a variety of occlusal movements.



DP articulator

This articulator is used when practicing with the pole mount. Its functions are the same as the D articulator. The DP articulator is also compatible with most pole mount type phantoms offered by other manufacturers (note: articulator may not fit on some phantom systems).



D articulator

This articulator can be opened over 180° when practicing on a desk or a table. It allows a variety of occlusal movements but cannot be fixed at an open position.

*The jaw model has to have screw holes in order to be able to attach an articulator to it. If you have a model that does not have screw holes and wish use it with an articulator, please contact us.

■Notations in this catalogue

Prosthetic Re❷oration Jaw Model [D18FE❸0A-QF]

Jaw model fitted with a soft type gingiva that allows for accurate impression taking using silicone ❹ression material. Comprehensive restorative training is possible with this model.

Variation

- D18D-500A-QF (with D Articulator) ❺18DP-500A-QF (with DP Articulator)
- D18-500A-QF (without Articulator)

Replacement Parts

- Simple root tooth model / A5A-500❻ingiva for D18-500A / 500A-F-GUB
  □Parts 28 teeth

Training Method			
Abutment tooth preparation	○	Alginate combination impression	○
Cavity preparation	○	Silicone impression	○
Personal tooth tray fabrication	○	Temporary prosthesis fabrication/fitting	○
Gingival retraction	○	Final prosthesis fabrication/fitting	○

❶Product picture
❷Product name
❸Model number
❹Product description

❺Model number of other variations
Shows other variations such as models with different articulators

❻Model number of parts that are included in the product as standard equipment
Shows component parts such as tooth models and gingiva that are pre-fitted to the product

■Dental Notation System

Permanent Teeth (adult teeth)

upper right									upper left								
ADA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	ADA
FDI	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28	**FDI**
FDI	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38	**FDI**
ADA	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	ADA
lower right									lower left								

Primary Teeth (baby teeth)

upper right						upper left					
ADA	A	B	C	D	E	F	G	H	I	J	ADA
FDI	55	54	53	52	51	61	62	63	64	65	**FDI**
FDI	85	84	83	82	81	71	72	73	74	75	**FDI**
ADA	T	S	R	Q	P	O	N	M	L	K	ADA
lower right						lower left					

*Tooth numbers in this catalog are indicated by the FDI (World Dental Federation) dental notation system.

How to Remove and Attach the Tooth Model

●Removing the Tooth Model

Unscrew the fixing screw on the underside of the jaw model using the supplied screwdriver.

Remove the tooth model.

Be sure to check that the fixing screw is not left inside the tooth model, and then remove. If forcefully pulled out, the screw hole may be damaged and the tooth model may not reattach.

●Attaching the Tooth Model

Insert the tooth model in the proper position.

Using the supplied screwdriver, lightly screw in the fixing screw from the underside of the jaw model.

Do not tighten the screw at this point.

After all the tooth models are lightly screwed in, close the articulator. Tighten the fixing screws when it is properly occluding.

If the screws are tightened too much, the threads in the screw holes may be damaged. If this happens, the screw will not tighten and cannot be reattached. Tighten just enough so that the tooth models do not move.

Attaching and Removing the Articulator

●How to remove the Articulator

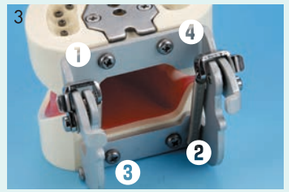
Use the supplied screwdriver and unscrew the 4 articulator screws.

When removing the articulator, depending on the type, the articulator may snap back due to the force of the spring. Please be careful not to have your fingers caught in between.

●How to attach the Articulator

Lightly tighten the 2 screws on the upper jaw.

Likewise, lightly tighten the lower jaw.



When the model is occluding, tighten the screws in the order shown in the picture.

*The jaw model has to have screw holes in order to be able to attach an articulator to it.
If you have a model that does not have screw holes and wish use it with an articulator, please contact us.

Attaching and Removing the Gingiva

●How to remove the gingiva

Remove every other tooth model.

Carefully remove the gingiva.

The gingiva may tear or stretch if pulled strongly or hooked with a sharp object. Please handle with care.

●How to attach the gingiva

Fit the gingiva onto the model.

Insert the tooth models.

Fix the tooth models by tightening the fixing screw.

Dental Simulator

NISSIM Type 2 P16

NISSIM Type 1 P18

NISSIM Type 1 Advance P20

SIMPLE MANIKIN Ⅲ P26

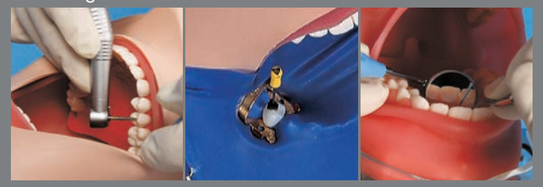
MANABOT P28

For a more practical training.
A Dental Simulator for various “Environments” and “Purposes”.

The dental simulator provides simulation under a more practical situation presuming actual treatment in various training areas such as restorative and prosthetic areas, so that one can acquire precisely controlled techniques. By combining the dental simulator with the wide variety of jaw models that we offer, you can practically and effectively practice dental treatment training with the focus on safety, reliability and quickness.

Training

■Training in various areas



■Positioning of operator and patient

■Operating position

■How to position operator's hands

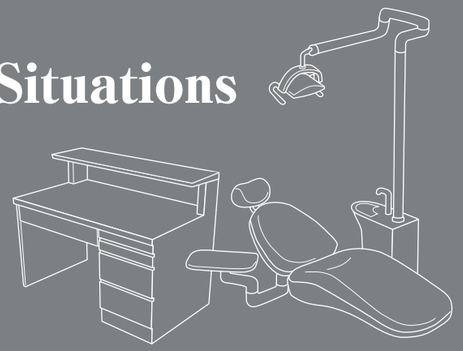
[Suggested mounting locations]

■Workbench

■Dental chair

■Mobile use

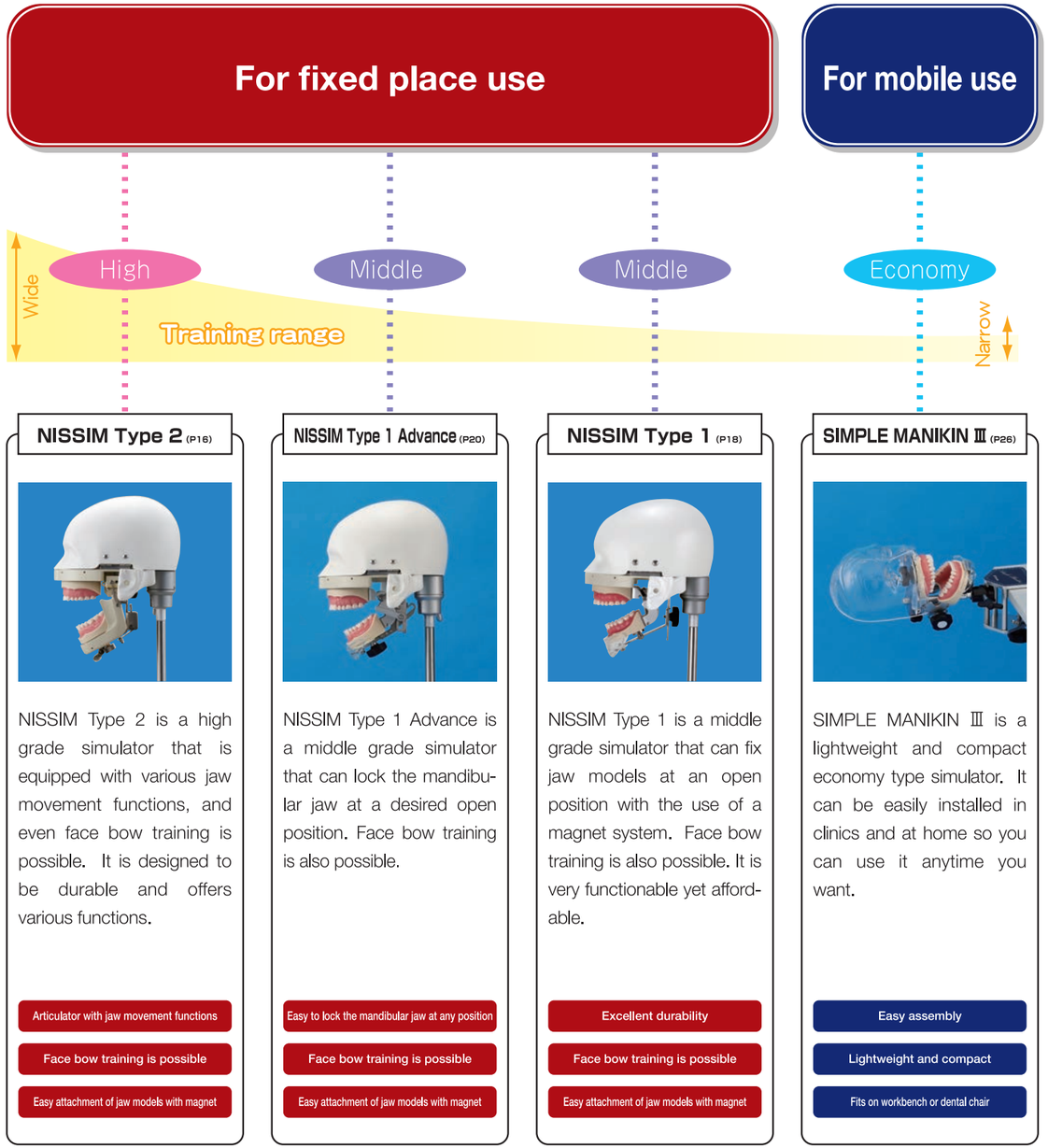
Situations



[Suggested situations]

■Training class ■Workshop ■Demonstration
■Training at clinics ■Training at home

4 simulator types are available depending on purpose or function



NISSIM Type 2 is a high grade simulator that is equipped with various jaw movement functions, and even face bow training is possible. It is designed to be durable and offers various functions.

- Articulator with jaw movement functions
- Face bow training is possible
- Easy attachment of jaw models with magnet

NISSIM Type 1 Advance is a middle grade simulator that can lock the mandibular jaw at a desired open position. Face bow training is also possible.

- Easy to lock the mandibular jaw at any position
- Face bow training is possible
- Easy attachment of jaw models with magnet

NISSIM Type 1 is a middle grade simulator that can fix jaw models at an open position with the use of a magnet system. Face bow training is also possible. It is very functionable yet affordable.

- Excellent durability
- Face bow training is possible
- Easy attachment of jaw models with magnet

SIMPLE MANIKIN Ⅲ is a lightweight and compact economy type simulator. It can be easily installed in clinics and at home so you can use it anytime you want.

- Easy assembly
- Lightweight and compact
- Fits on workbench or dental chair

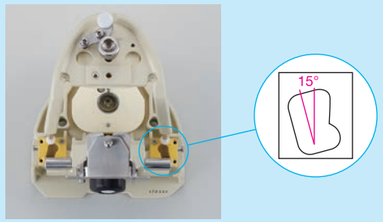
NISSIM Type 2

- High grade simulator with various occlusal and jaw movement functions
- Offers more lifelike jaw movement compared to Type 1
- For advanced pre-clinical students
- Face-bow training is possible
- Easy-to-use magnet change system

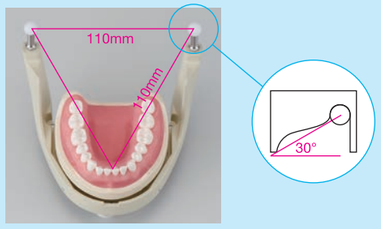
Features of NISSIM Type 2

① Models can be attached without an articulator.
Jaw is pictured at 50mm open position.

② Can simulate actual human patient's open position.
Jaw is pictured at 22mm open position. (appx. 2 fingers)
(Please use the optional Intermediate Locking Device)



③ Inclination of Lateral Condylar Path.



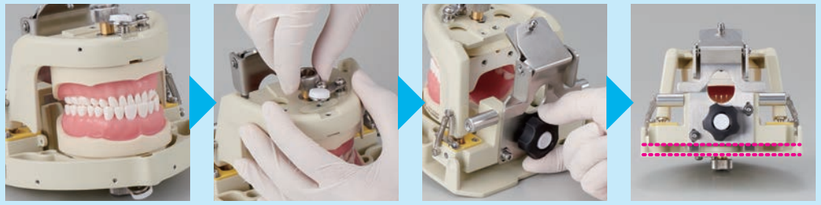
④ Sagittal Inclination of Condylar Guidance.

Attachable jaw models

■Jaw models that can be attached as they are

Jaw models with magnet plates can be attached onto NISSIM Type 2 Articulator as they are.

How to adjust occlusion on NISSIM Type 2



1) Loosen the hand screw on the top and the knob on the back of the articulator.

2) Set the occlusion by adjusting the lower jaws until it occludes with the upper jaw.

3) Maintain the occlusion by holding the jaws together and tighten the hand screw and knob.

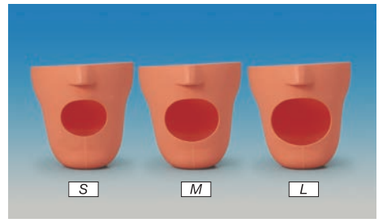
4) Check to make sure the articulator is in occlusion.
*must be approximately parallel

*Please read the supplied instruction manual for more detailed information.

●Type 2 Basic Set

NISSIM Head

NISSIM Type 2 Articulator A

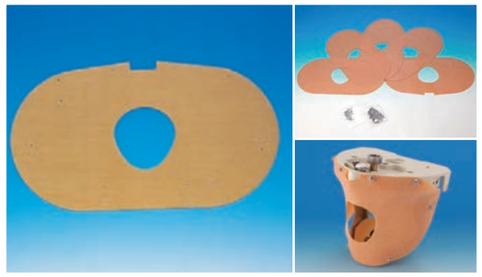


NISSIM Mask

NISSIM Mask with Water Drain

- Mask comes with a plastic tube, connector plug and drain stopper
- The bottom of the mask has a hole opening for attaching the connector plug
- The tube and connector plug allows water draining
- The drain stopper stops water draining

●Accessories for Type 2 only



Type 2 Cheek Sheet

- This rubber cheek sheet must be used with the Type 2 Articulator
- Attach cheek sheet using 8 attachment pins (sold separately)

Type 2 Oral Cavity Cover

- A hole opening is located on the upper and lower sides
- Attach the upper and lower mounting plates of the NISSIM Type 2 to the model inside the Oral Cavity Cover

Drain Bottle

Model Adaptor Set

- For attaching models without magnet plates and plaster models
- Comes with both upper and lower adapters as pictured

Variation

- S type is for 28 teeth models
- L type is for 32 teeth models

Intermediate Locking Device

- Attaches to the lower jaw of the articulator
- The jaw can be locked in the desired open position
- Once locked the jaw cannot occlude or open further unless released

NISSIM Type 1

- Functionable and affordable middle grade simulator
- For use with FE, D and DP type articulators
- For beginning and intermediate students
- Face-bow training is possible
- Easy-to-use magnet change system

Features of NISSIM Type 1

① Some level of occlusal and jaw movement functions is possible. Amount of movement depends on the type of articulator attached.

② Easy attachment using magnets. Models can be attached with the articulator.

③ One-touch easy removal of models.

Attachable jaw models

■Jaw models that can be attached as they are

Jaw models with magnet plates and FE/D/DP articulator can be attached onto NISSIM Type 1 articulator as they are.

How to adjust occlusion on NISSIM Type 1

1) Loosen the adjusting screw in the back and slide down the stopper plate. Then attach the upper jaw.

2) Slide up the stopper plate so that the magnet sticks to the magnet plate of the lower jaw model.

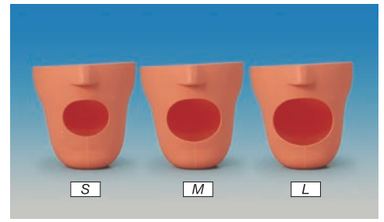
3) Tighten the adjusting screw in the back.

*Please read the supplied instruction manual for more detailed information.

●Type 1 Basic Set

NISSIM Head

NISSIM Type 1 Articulator



NISSIM Mask

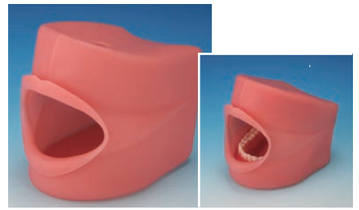
NISSIM Mask with Water Drain

- Mask comes with a plastic tube, connector plug and drain stopper
- The bottom of the mask has a hole opening for attaching the connector plug
- The tube and connector plug allows water draining
- The drain stopper stops water draining

●Accessories for Type 1 only

Type 1 Cheek Sheet

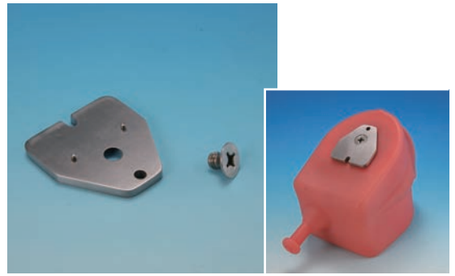
- This rubber cheek sheet must be used with the Type 1 articulator
- Attach cheek sheet using 6 attachment pins (sold separately)



Oral Cavity Cover (Large)

- A hole opening is located on the upper side
- The FE articulator fits completely inside the oral cavity cover
- Provides a realistic oral cavity environment allowing real clinical situation training

Drain Bottle



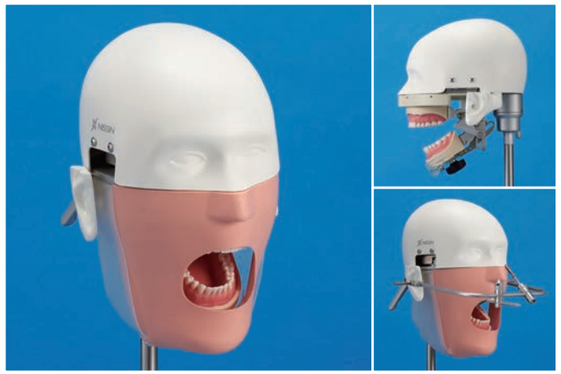
Type 1 Magnet Plate

- For use with the Oral Cavity Cover (Large)
- 1 magnet for the upper jaw
- 2 guide pins on the magnet plate allow easy attachment

FE Combination Articulator

- This articulator allows plaster models and models without an articulator to be attached to the NISSIM Type 1

*Some models cannot be attached to this articulator.



NISSIM Type 1 Advance

- Functionable and affordable middle grade simulator
- For use with FE and D type articulators
- For beginning and intermediate students
- Face-bow training is possible
- Easy-to-use magnet change system

Features of NISSIM Type 1 Advance

① Some level of occlusal and jaw movement functions is possible. Amount of movement depends on the type of articulator attached.

② Easy attachment using magnets. Models can be attached to the articulator.

③ One-touch easy removal of models.

Attachable jaw models

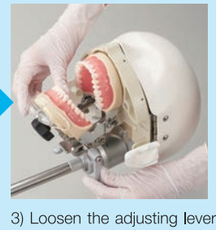
■Jaw Models that can be attached as they are

Jaw models with magnet plates and FE/D articulator can be attached onto NISSIM Type 1 Articulator Advance as they are.

How to adjust occlusion on NISSIM Type 1 Advance

1) Loosen the adjusting lever, adjust the lower jaw position and temporarily fasten the lever.

2) Align the magnet plate of the upper jaw model and the upper magnet plate of the articulator.



3) Loosen the adjusting lever, attach the magnet plate of the lower jaw model and the lower magnet plate of the articulator and fasten the lever.

•Please read the supplied instruction manual for more detailed information.

●Type 1 Advance Basic Set

NISSIM Head

NISSIM Type 1 Articulator Advance

Water Waste Pan

Half Mask

Water Waste Pan with Water Drain

- Comes with a plastic tube, connector plug and drain stopper
- The Water Waste Pan has two hole openings for attaching the connector plugs
- The tube and connector plug allows water draining
- The drain stopper stops water draining

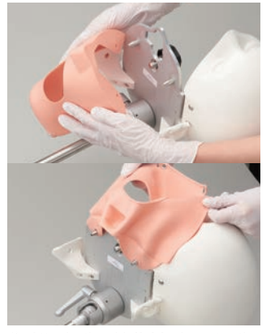
●Accessories for Type 1 Advance

Type 1 Advance Oral Cavity Cover

- A hole opening is located on the upper and lower side
- The FE articulator fits completely inside the oral cavity cover
- Provides a realistic oral cavity environment allowing real clinical situation training

Drain Bottle

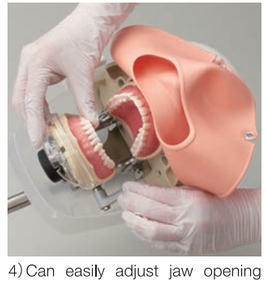
How to attach the Half Mask



1) Attach the Half Mask onto the head by pushing the holes on the mask through the guide pins on the head.

2) Attach the Water Waste Pan and the Articulator through the guide pins on the head, and insert the Water Waste Pan pins through the Half Mask holes on the bottom to hook the mask.

3) Removable Half Mask allows easy attachment of models.



4) Can easily adjust jaw opening and occlusion with the side lever (see left page)

●Common Accessories for NISSIM Type 2, NISSIM Type 1 and NISSIM Type 1 Advance

Chair Mount Torso Set

- Set consists of NISSIM Head, Torso and Chair Mount
- Type 2, Type 1 or Type 1 Advance Articulators can be attached (articulators not included)
- 2 belts on the chair mount securely fixes the torso to the dental chair
- Can be used with existing dental chairs at the training facility, a more economical choice compared to expensive simulator systems
- Torso can be fixed to most dental chairs
- Torso gives a more lifelike appearance during training

Articulator and Mask are NOT included

Body Trunk Unit Set

- Easy-to-carry portable phantom set
- Set consists of NISSIM Head, Ball Joint, fixing belt and Desk Clamp stored inside the suitcase
- Type 2, Type 1 or Type 1 Advance Articulators can be attached (articulators not included)
- Can be mounted on the dental chair with the use of 2 belts
- The NISSIM Head can be stored inside the suitcase when not in use

**Suitcase appearance and specifications may change without notice.*

Articulator and Mask are NOT included

NISSIM Set needed for using accessories on P24,25

●Type 1 Basic Set

NISSIM Head

or

●Type 2 Basic Set

NISSIM Head

or

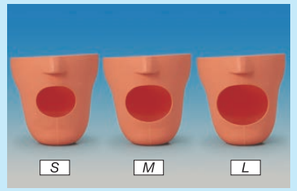
●Type 1 Advance Basic Set

NISSIM Head

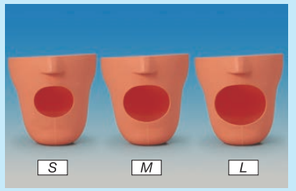
NISSIM Type 1 Articulator

NISSIM Type 2 Articulator A

NISSIM Type 1 Articulator Advance



NISSIM Mask

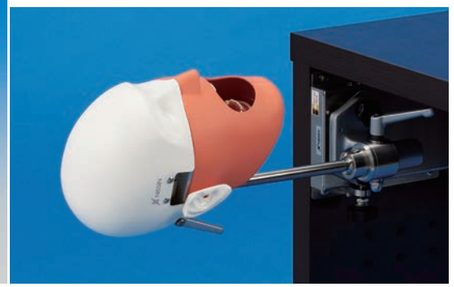


NISSIM Mask

Half Mask

Water Waste Pan

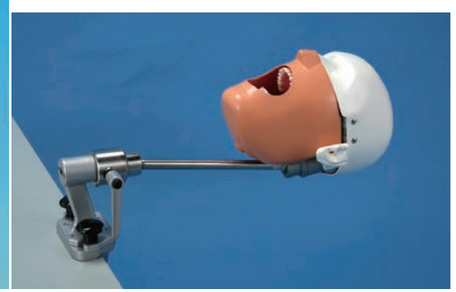
●Common Accessories for NISSIM Type 2, NISSIM Type 1 and NISSIM Type 1 Advance



Turn-style Desk Mount Unit

- Can be installed on the side wall or underside of the workbench
- The phantom head can be stored under the workbench when not in use
- To use, raise the phantom head by rotating the unit

∗ Installation work necessary.
∗ Dental simulator head not included.



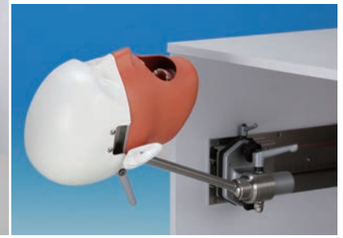
Desk Clamp Unit

- For mounting on the workbench with the use of the Desk Clamp
- Clamp accommodates desks with 10 to 45 mm thickness

Desk Mount Unit

- Can be installed on the side wall of the workbench
- The phantom head can be stored under the workbench when not in use

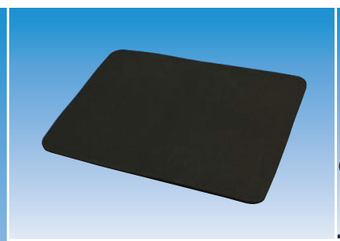
∗Installation work necessary.
∗Dental simulator head not included.



Rail Unit

- Can be installed on the side wall of the workbench
- The phantom head can be stored under the workbench when not in use

∗Installation work necessary.
∗Dental simulator head not included.
∗Do not fix the rail unit to the underside of the desktop.



Chair Mount Unit 2

- Designed to be mounted on most dental chairs
- Easy and quick attachment of NISSIM Head to the Chair Mount Unit*
- 3 belts on the Chair Mount Unit securely fixes the NISSIM Head to the dental chair
- Protective cushion sheet is included for dental chair protection

∗Chair Mount Torso cannot be attached to Chair Mount Unit 2.

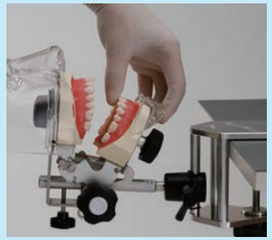
SIMPLE MANIKIN Ⅲ

- Compact and lightweight economy type simulator
- Can be attached to most desks using the supplied Bench Mount
- Ideal for showing product demonstration
- A screw located in the Head Base is used to fix the upper jaw model

※Please insert protective cushion in between the Bench Mount and desk to avoid scratching or damaging the surface.
※The SIMPLE MANIKIN PS Adaptor is used for models without a magnet plate or screw hole.
※The hexagon wrench is used for adjusting the Head Base to set the open position of the models.
※SIMPLE MANIKINⅢ is not designed for full-scale training in dental schools.

Features of SIMPLE MANIKIN Ⅲ

① Easy screw-on type design.



② Can be easily installed on most desk edges.

③ Lightweight and compact package.

Attachable jaw models

■Jaw models that can be attached as they are

Jaw models with a FE/D articulator, and having magnet plates or thread hole in the center of the model base can be attached onto SIMPLE MANIKIN Ⅲ as they are.

■Jaw models that need optional parts in order to be attached

Jaw models without FE or other articulators and plaster models can be attached onto SIMPLE MANIKIN Ⅲ with the optional FE Combination Articulator.

How to adjust occlusion on SIMPLE MANIKIN Ⅲ

1) Attach the upper jaw model with the FE articulator to the headbase by tightening the upper fixing screw.

2) Attach the lower jaw model to the headbase by tightening the lower fixing screw.

3) Gently tighten the side screw.

※Please read the supplied instruction manual for more detailed information.

●SIMPLE MANIKIN Ⅲ set

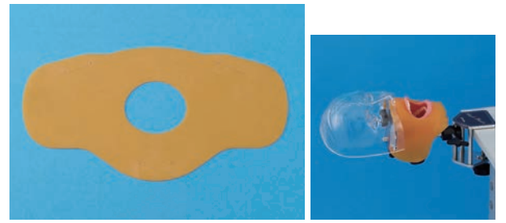
SIMPLE MANIKIN Bench Mount
- Desktop thickness must be within 20-65mm, and depth must be 50mm or more

SIMPLE MANIKIN Headbase

SIMPLE MANIKIN Mask

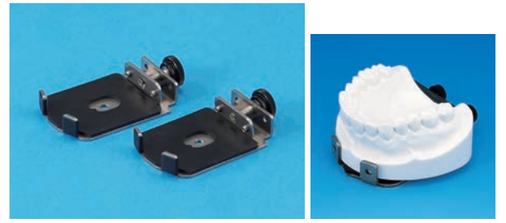
●SIMPLE MANIKIN Ⅲ Accessories

SPM Ⅲ Head Rest Mount
- For fixing the SIMPLE MANIKIN Ⅲ to the dental chair



SPM Ⅲ Rubber Sheet
- Can train under technically restricted clinical situations when using with the SIMPLE MANIKIN Ⅲ

Oral Cavity Cover SPM Ⅲ
- A hole opening is located on the upper and lower side
- The FE articulator fits completely inside the Oral Cavity Cover
- Provides a realistic oral cavity environment allowing real clinical situation training
- Type 1 Magnet Plate is not necessary because the SIMPLE MANIKIN Ⅲ uses a screw to fix the model



Model Adaptor SPM Ⅲ
- This adaptor allows plaster models and models without an articulator to be attached to the SIMPLE MANIKIN Ⅲ

※Please use the Model Adaptor SPM which is specifically designed for the SIMPLE MANIKIN Ⅲ. Other model adaptors do not fit into the SIMPLE MANIKIN Ⅲ.

SIMPLE MANIKIN Webinar Kit

- Can be readily assembled and installed on the SIMPLE MANIKIN Ⅲ in a few easy steps
- Designed to set and hold a smartphone, tablet or webcam at the optimal camera position and angle relative to the SIMPLE MANIKIN Ⅲ providing a point-of-view shot
- Can be attached to most desks and workbenches
- Compact and easy to carry

Geriatric Patient Oral Care Manikin MANABOT-F

- Full upper and lower jaw model simulating the oral cavity of a geriatric patient
  Oral conditions commonly found in elderly persons such as mobile teeth, dental attrition and furcation defects are realistically reproduced on the model. Dental prosthesis such as partial dentures and bridges are also present on both upper and lower arches
- Surrounding organs of the oral cavity
  The anatomically shaped throat module is useful in learning positional relationships between the oral cavity, nasal cavity and the pharynx/larynx as well as the anatomical structure of each region. Procedures such as endoscopy and oropharyngeal suctioning can also be practiced
- Full body manikin simulating a female geriatric patient
  The major joints on the MANABOT-F can be moved allowing full body positioning and posture adjustment. This enables her to be placed sitting in a wheelchair or lying on a bed

**MANABOT-F is approximately 150cm tall and weighs 15kg.*

●Training Examples

Assessment

Denture removal

Body position adjustment

Oral care(brushing)

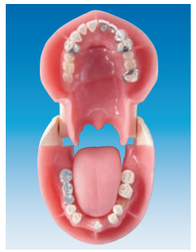
Intratracheal tube usage

Nasopharygeal suctioning

Oropharyngeal suctioning

Observation of the pharynx

●Jaw Model [OHC1001-UL-SP]



- Resin Bonded 3-unit Bridge
- Partial Denture
- Full Cast 3-unit Bridge
- Furcation Involvement
- Gingivalv Recession
- Dental Attrition
- Tooth Mobility
  Maxillary anterior teeth
  Mandibular posterior teeth
- Missing Teeth

765		2	56
6	21	2	

●Variation

MANABOT-H

- Simplified version manikin with only the head and throat module simulating the oral/nasal cavities and the pharynx/larynx
- Manikin can be attached to a chair as seen in picture

MANABOT-S

- Can be mounted on tables and workbenches when practicing

**Throat module is not available for MANABOT-S.*

Prosthetic Dentistry

Crown & Bridge Area P30

Partial Denture Restorative Area P37

Implant Area P40

Edentulous Jaw Restorative Area P46

Stomatognathic Function Area P48

Mastering the area of Crown & Bridge Restoration. The 500A Series - Many Variations to choose from.

The first step in learning restorative techniques requires understanding things such as how to handle abutment preparation and cutting pressure. Therefore, it is essential to consistently practice basic techniques. The 500A Series has functions that are necessary for various restorative training and allows you to acquire the skills of your choice faster by choosing from a wide variety of offerings. Also, by combining with a variety of optional tooth models, it becomes possible to step up to a more practical technique training.

Abutment Tooth • Cavity Preparation

All parts have fitted tooth models that are ideal to use with a turbine handpiece, so that it is possible to experience the cutting feeling and learn various preparation methods.

Impression Taking

There is a soft type and a hard type model for the gingiva, and those fitted with the soft type gingiva allows for a complete training, from gingival retraction to impression taking.

Fitting the Prosthesis

Tooth models with abutment tooth and cavity preparation allows for complete and consistent practice, such as adjusting the contacts and margins for temporary and final prosthesis, and from prosthesis fitting to occlusal adjustment.

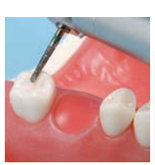
Expanding Training Uses with Optional Tooth Models

A more practical preparation training / A20A

By replacing the tooth models with the A20 which has superior cutting characteristics, it is possible to step up to a more practical practice that takes into consideration the removal amount of the tooth substance.

Removing Softened Dentin / A26A

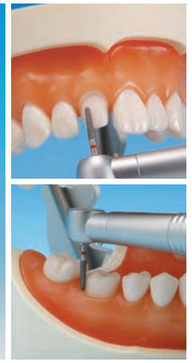
By replacing with the A26 which assumes different caries types, it is possible to practice removing softened dentin and to implement a more practical training that takes the removal amount of infected tooth substance into consideration.



Bridge Abutment Preparation / A2A-565

By combining with the Def icit Plug A2A-565 which allows changing the deficit condition of the dentition freely, it is possible to do a bridge abutment tooth preparation that requires a parallel preparation of the abutment tooth.

D18FE-500A-QF



Prosthetic Restoration Jaw Model [D18FE-500A-QF]

Jaw model fitted with a soft type gingiva that allows for accurate impression taking using silicone impression material. Comprehensive restorative training is possible with this model.

Variation

•D18D-500A-QF (with D Articulator) •D18DP-500A-QF (with DP Articulator)
•D18-500A-QF (without Articulator)

Replacement Parts

•Simple root tooth model / A5A-500 •Gingiva for D18-500A / 500A-F-GUB
□Parts 28 teeth

Training Method			
Abutment tooth preparation	○	Alginate combination impression	○
Cavity preparation	○	Silicone impression	○
Personal tooth tray fabrication	○	Temporary prosthesis fabrication/fitting	○
Gingival retraction	○	Final prosthesis fabrication/fitting	○

D16FE-500A (GSF)-QF pink

Prosthetic Restoration Jaw Model [D16FE-500A(GSF)-QF]

Jaw model fitted with a pink soft type gingiva. Due to a more elastic material than the D18 model, it is easier to insert the gingival retraction thread.

Variation

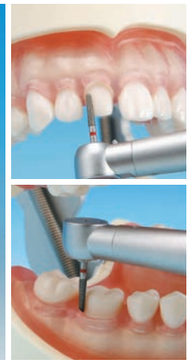
•D16D-500A(GSF)-QF (with D Articulator) •D16DP-500A(GSF)-QF (with DP Articulator)
•D16-500A(GSF)-QF (without Articulator)

Replacement Parts

•Simple root tooth model / A5A-500 •Gingiva for D16-500A (pink) / 500A-F-GSF
□Parts 28 teeth

Training Method			
Abutment tooth preparation	○	Alginate combination impression	○
Cavity preparation	○	Silicone impression	
Personal tooth tray fabrication	○	Temporary prosthesis fabrication/fitting	○
Gingival retraction	○	Final prosthesis fabrication/fitting	○

D16FE-500A (GSE)-QF clear pink



Prosthetic Restoration Jaw Model [D16FE-500A(GSE)-QF]

Jaw model fitted with a clear pink soft type gingiva. Because the gingiva is semi-transparent, it is possible to verify the subgingival margin and the gingival retraction thread through the gingiva.

Variation

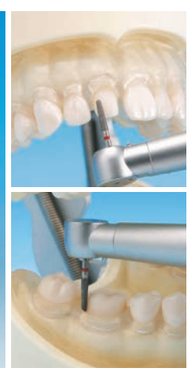
•D16D-500A(GSE)-QF (with D Articulator) •D16DP-500A(GSE)-QF (with DP Articulator)
•D16-500A(GSE)-QF (without Articulator)

Replacement Parts

•Simple root tooth model / A5A-500 •Gingiva for D16-500A (clear pink) / 500A-F-GSE
□Parts 28 teeth

Training Method			
Abutment tooth preparation	○	Alginate combination impression	○
Cavity preparation	○	Silicone impression	
Personal tooth tray fabrication	○	Temporary prosthesis fabrication/fitting	○
Gingival retraction	○	Final prosthesis fabrication/fitting	○

D16FE-500A (GSD)-QF clear



Prosthetic Restoration Jaw Model [D16FE-500A(GSD)-QF]

Jaw model fitted with a clear soft type gingiva. Because the gingiva is transparent, areas such as the subgingival margin are the easiest to see out of the entire 500A Series.

Variation

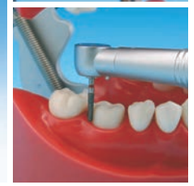
•D16D-500A(GSD)-QF (with D Articulator) •D16DP-500A(GSD)-QF (with DP Articulator)
•D16-500A(GSD)-QF (without Articulator)

Replacement Parts

•Simple root tooth model / A5A-500 •Gingiva for D16-500A (clear) / 500A-F-GSD
□Parts 28 teeth

Training Method			
Abutment tooth preparation	○	Alginate combination impression	○
Cavity preparation	○	Silicone impression	
Personal tooth tray fabrication	○	Temporary prosthesis fabrication/fitting	○
Gingival retraction	○	Final prosthesis fabrication/fitting	○

D51FE-500A-QF



Hard Gingiva Jaw Model [D51FE-500A-QF]

Jaw model fitted with a hard type gingiva made especially for preparation practice. Because it has a hard gingiva, subgingival practice is not possible.

Variation

•D51D-500A-QF (with D Articulator) •D51DP-500A-QF (with DP Articulator)
•D51-500A-QF (without Articulator)

Replacement Parts

•Simple root tooth model / A5A-500
□Parts 28 teeth

Training Method			
Abutment tooth preparation	○	Alginate combination impression	○
Cavity preparation	○	Silicone impression	○
Personal tooth tray fabrication	○	Temporary prosthesis fabrication/fitting	
Gingival retraction		Final prosthesis fabrication/fitting	

●Replacement Tooth Models, Optional Tooth Models

A5A-500

Simple Root Tooth Model (Permanent Tooth) [A5A-500]

Tooth models come pre-fitted with jaw model 500A Series. The crown has an anatomical form.
□Parts 28 teeth

Training Method	
Abutment tooth preparation	○
Cavity preparation	○

A20A-500

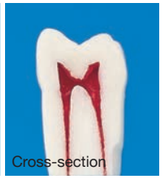
Cross-section

2-Layered Tooth Model [A20A-500]

Tooth model has a difference in cutting characteristics between the enamel and dentin. The cutting feel is closer to a natural tooth than the A5 tooth model.
□Parts 7654321|1234567 / 76543|34567 24 teeth

Training Method	
Abutment tooth preparation	○
Cavity preparation	○
LAminete veneer preparation	○

A12A-500


Cross-section

Endodontic Tooth Model [A12A-500]

Tooth model with a pulp chamber and root canal that has a red stained pulpal wall. It is made from a softer material than the A5 tooth model.
□Parts 6 4 1|1 4 6 / 65|56 10 teeth

Training Method	
Abutment fabrication	○
Post & Core preparation	○

*Anterior teeth and lower premolars have screws penetrating the root canal due to their fixation to the jaw model. We apologize, but please use the screw-less version if this hinders the training.

A22A-500

Cross-section

Endodontic Tooth Model [A22A-500]

A20 model based tooth model with a pulp chamber and root canal that has a red stained pulpal wall.
□Parts 6 4 1|1 4 6 / 65|56 10 teeth

Training Method	
Abutment fabrication	○
Post & Core preparation	○
Abutment tooth preparation	○
Cavity preparation	○

*Anterior teeth and lower premolars have screws penetrating the root canal due to their fixation to the jaw model. We apologize, but please use the screw-less version if this hinders the training.

Abutment • Cavity Preparation Tooth Model [A55A/A50A Series]

A5 model based tooth model with preparation such as a facing crown and Class II cavity.
□Parts Please refer to the list on the next page.

*The post & core does not have a fixing screw due to its form. Please use utility wax to attach the tooth to the model.

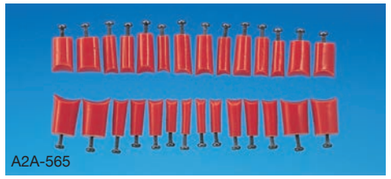
Training Method	
Abutment fabrication	○
Impression taking	○
Temporary prosthesis fabrication	○
Final prosthesis fabrication	○

●Abutment / Cavity Preparation Tooth Model [A50A Series & A55A Series]

	Maxillary Jaw (Right)					Maxillary Jaw (Left)				
11	Facing A55A-110	Jacket A55A-111	Class 3 (Mesial) A50A-113	Class 4 (Mesial) A55A-114	Class 5 A55A-115	21 Facing A55A-210	Jacket A55A-211	Class 4 (Mesial) A55A-214	Class 5 A55A-215	Post A50-218
	Post A50-118	Veneer A55A-119A	Pin-ledge A50A-116	3/4 Crown A50A-117		Veneer A55A-219	Pin-ledge A50A-216	3/4 Crown A50A-217		
12	Facing A55A-120	Jacket A55A-121	Class 3 (Mesial) A50A-123	Class 4 (Mesial) A55A-124	Post A50-128	22 Facing A55A-220	Jacket A55A-221	Class 3 (Mesial) A50A-223	Class 4 (Mesial) A55A-224	Post A50-228
	Veneer A55A-129					Veneer A55A-229				
13	Facing A55A-130	Jacket A55A-131	Class 5 A55A-135	Post A50-138	Pin-ledge A50A-136	23 Facing A55A-230	Jacket A55A-231	Class 5 A55A-235	Post A50-238	Pin-ledge A50A-236
	3/4 Crown A50A-137					3/4 Crown A50A-237				
14	Full Cast A55A-142	Facing A55A-140	Jacket A55A-141	Class 1 A55A-143	Class 2 MO A55A-144	24 Full Cast A55A-242	Facing A55A-240	Jacket A55A-241	Class 1 A55A-243	Class 2 MO A55A-244
	Class 2 MOD A50A-146	4/5 Crown A50A-147	Onlay A55A-145			Class 2 MOD A50A-246	4/5 Crown A50A-247			
15	Full Cast A55A-152	Facing A55A-150	Jacket A55A-151	Class 1 A55A-153	Class 2 MO A55A-154	25 Full Cast A55A-252	Facing A55A-250	Jacket A55A-251	Class 2 MO A55A-254	Class 2 MOD A50A-256
	Class 2 MOD A50A-156	4/5 Crown A50A-157				4/5 Crown A50A-257				
16	Full Cast A55A-162	Facing A55A-160	Class 1 A55A-163	Class 2 MO A55A-164	Class 2 MOD A50A-166	26 Full Cast A55A-262	Facing A55A-260	Class 1 A55A-263	Class 2 MO A55A-264	Class 2 MOD A50A-266
	Onlay A55A-169					4/5 Crown A50A-267				
17	Full Cast A55A-172	Facing A55A-170	Class 2 MO A55A-174	7/8 Crown A55A-179	Proximal Half Crown A50A-178	27 Full Cast A55A-272	Class 1 A55A-273	7/8 Crown A55A-279	Onlay A55A-275	Class 2 MOD A50A-276

●Abutment / Cavity Preparation Tooth Model [A50A Series & A55A Series]

	Mandibular Jaw (Left)	Mandibular Jaw (Right)
31	Facing A55A-310	Facing A55A-410
32	Facing A55A-320; Jacket A55A-321	Facing A55A-420
33	Facing A55A-330; Jacket A55A-331; Class 5 A55A-335; Post A50-338	Facing A55A-430; Jacket A55A-431; Class 3 A50A-433; Post A50-438
34	Full Cast A55A-342; Facing A55A-340; Jacket A55A-341; Class 1 A55A-343; 4/5 Crown A50A-347	Full Cast A55A-442; Facing A55A-440; Jacket A55A-441; Class 2 OD A55A-444; Post A50-449A; 4/5 Crown A50A-447
35	Full Cast A55A-352; Facing A55A-350; Jacket A55A-351; Class 1 A55A-353; Class 2 MO A55A-354; Post A50-359; 4/5 Crown A50A-357	Full Cast A55A-452; Facing A55A-450; Class 1 A55A-453; Class 2 OD A55A-454; Class 2 MOD A50A-456; 3/4 Crown A50A-459; 4/5 Crown A50A-457
36	Full Cast A55A-362; Class 1 A55A-363; Class 2 MO A55A-364; Class 2 MOD A50A-366; 4/5 Crown A50A-367; Onlay A55A-365	Full Cast A55A-462; Facing A55A-460; Jacket A55A-461; Class 1 A55A-463; Class 2 MO A55A-464; Class 2 MOD A50A-466; 4/5 Crown A50A-467; 7/8 Crown A55A-469; Onlay A55A-465
37	Full Cast A55A-372; Jacket A55A-371; Class 1 A55A-373; Proximal Half Crown A50A-378	Full Cast A55A-472; Class 1 A55A-473; Class 2 MO A55A-474; Proximal Half Crown A50A-478



Deficit Plug [A2A-565]

This part is used for easily transforming the 500A Series jaw model dentition to have a deficient condition.
□Parts 28 teeth

Caries Tooth Model [A26A Series]

A caries tooth model based on the A20 tooth model that has superior cutting characteristics.

Training Method	
Cavity preparation	○
Soft dentin removal	○
Abutment tooth preparation	○

●Other Replacement Parts, Option Parts

Gingiva for D18-500A

MODEL NAME
•500A-F-GUB

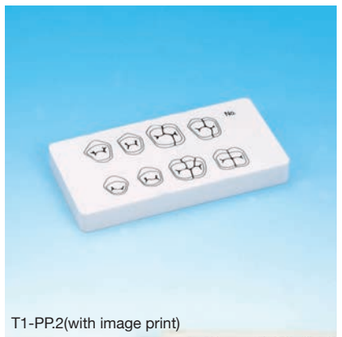
Gingiva for D16-500A

MODEL NAME
•Pink (500A-F-GSF)
•Clear pink (500A-F-GSE)
•Clear (500A-F-GSD)

Tongue Model [Z-1]

Model used for practicing tongue removal. Can be attached to D18, D16 type models. The tongue is fixed with a clip from the rear of the model.

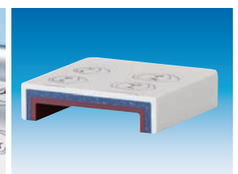
*Jaw model not included.


T1-PP.2(with image print)

Preparation Plate [T1-PP.2 (with image print)]

- Designed for learning basic preparation techniques
- Made of 3 layers with different materials and color, making it easy to feel the difference in hardness and visually see the amount cut

**Print design on actual product may differ from catalog image.*



B20-500

Anatomical Tooth Model for Cutting [B20-500]

Anatomical tooth model made for substitution of extracted tooth. The teeth can be planted in the 500A Series rubber mold. The enamel uses a material which has superior cutting characteristics.

□Parts 76543 1 | 1234567 / 7654 | 3456 21 teeth

Training Method	
Abutment tooth preparation	○
Cavity preparation	○

H1-500AL / H1-500AU

Plaster Model Mold [H1-500A Series]

A rubber plaster model-making former with the same form as the 500A Series jaw model. Each jaw is sold separately.

Variation

Please refer to the list on page 39.

How to Use

1 Lightly spray wax pattern cleaner or debubblizer to prevent air bubbles from forming.

2 Plant the tooth models that will be used in practice into the rubber mold.

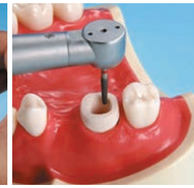
3 Slowly pour the mixed plaster.

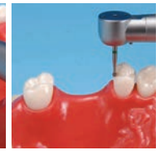
4 Blow air around the mold and gently remove the model.

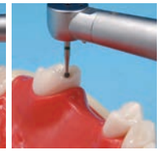
5 Remove excess plaster that may have stuck to and around the tooth model.

Mastering the Partial Denture Restorative Area. E50 Series.

In order to learn partial denture fabrication, it is imperative to comprehensively practice basic techniques. You can choose according to the training objective, from models which allow attaching and removing the tooth model to single construction type models and plaster models.







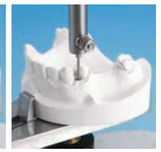
Rest Preparation

All parts have fitted tooth models that are ideal to use with a turbine handpiece, so that it is possible to experience the cutting feeling and learn various preparation methods.

Impression Taking

Impression taking such as snap impression using stock trays and custom tray impression taking can be practiced with resin models.

**Due to the hard type gingiva, gum retraction cannot be performed.*



Partial Denture Inspection • Fabrication

A comprehensive laboratory training including denture design/fabrication can be practiced with plaster models.

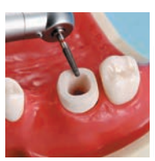
Expanding Training Uses with Optional Tooth Models

A More Practical Preparation Training / A20

By replacing the tooth models with the A20 Series which possess superior cutting characteristics, it is possible to step up to a more practical training that takes into consideration the removal amount of the tooth substance.

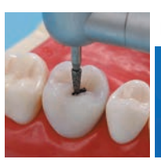
Bridge Fabrication • Fitting / A50 • A55 Series

By combining with the A50 • A55 Series that have a pre-prepared abutment and cavity, it is possible to practice fabricating temporary/final prosthesis, and do contact and margin adjustments, prosthesis fitting and occlusal adjustments.



Abutment Fabrication, Post & Core Preparation / A50 • A55 Series

Practicing abutment fabrication becomes possible by combining with the A50 • A55 Series that is pre-prepared to a post & core form.



Removing Softened Dentin / A26

By replacing to the A26 which assumes different caries types, it is possible to practice removing softened dentin and to implement a more practical training that takes the removal amount of infected tooth substance into consideration.

E50-500A

511

526

Hard Gingiva Jaw Model [E50 various]

A hard gingiva type jaw model with interchangeable teeth representing various defect conditions. Various cases can be represented by combining the separately sold abutment and cavity preparation teeth. Model number for one jaw is E50-5xx.
Please refer to the list on page 39.

Component Parts

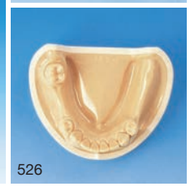
- Simple root tooth model (Permanent tooth) / A5-500
  □Parts 28 teeth

Training Method			
Rest preparation	○	Restoration fabrication	
Impression taking	○	Restoration attachment	○

*The model does not have a magnet plate attached.

E1-500A

541


526

Resin Jaw Model [E1 various]

A single form jaw model with the same shape as the E50 model. The tooth models are not removable because the jaw and teeth are one. The model number for one jaw is E1-5xx.
Please refer to the list on page 39.

Training Method			
Rest preparation	○	Restoration fabrication	
Impression taking	○	Restoration attachment	○

*The model does not have a magnet plate attached.

E3-500A

569

548

Plaster Jaw Model [E3 various]

A plaster jaw model with the same form as the E50 model. The model number for one jaw is E3-5xx.
Please refer to the list on page 39.

Training Method			
Rest preparation	○	Restoration fabrication	
Impression taking	○	Restoration attachment	○

*The model does not have a magnet plate attached.

H1-500AL / H1-500AU

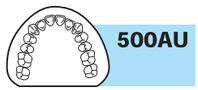
Plaster Model Mold [H1 various models]

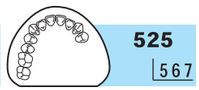
A rubber plaster mold with the same form as the E50 model. Each jaw is sold separately.

Training Method			
Rest preparation		Restoration fabrication	○
Impression taking		Restoration attachment	

●Defect Variation

Upper Jaw (wirh dental formula and defects on certain areas)


500AU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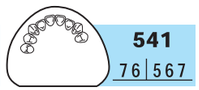
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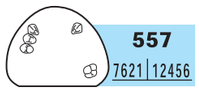
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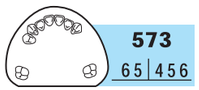
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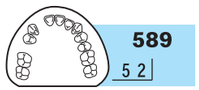
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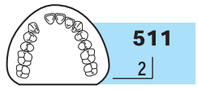
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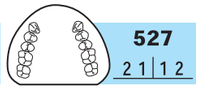
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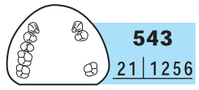
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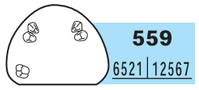
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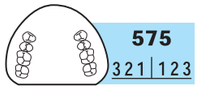
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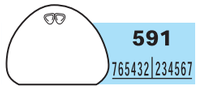
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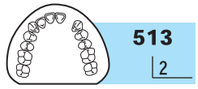
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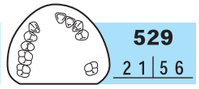
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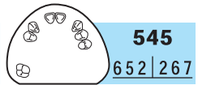
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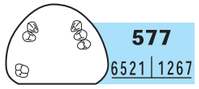
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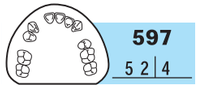
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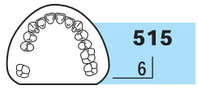
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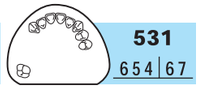
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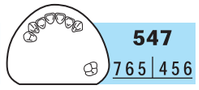
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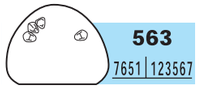
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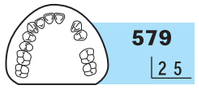
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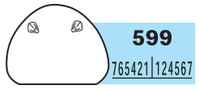
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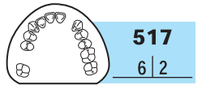
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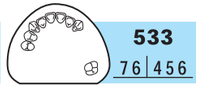
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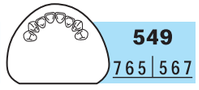
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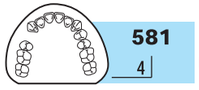
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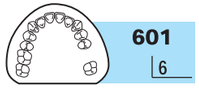
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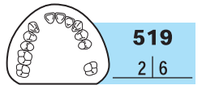
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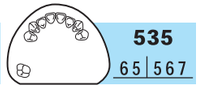
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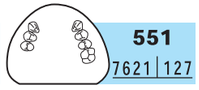
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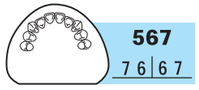
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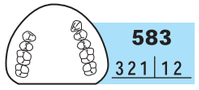
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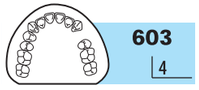
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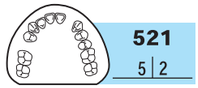
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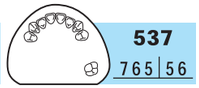
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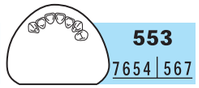
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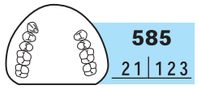
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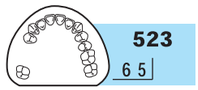
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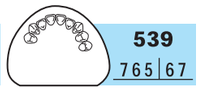
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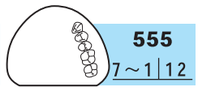
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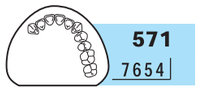
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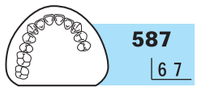
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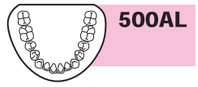
Lower Jaw (wirh dental formula and defects on certain areas)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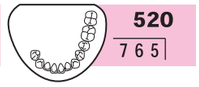
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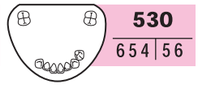
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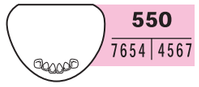
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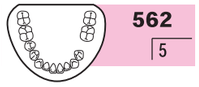
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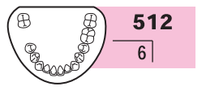
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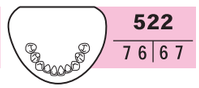
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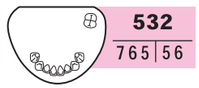
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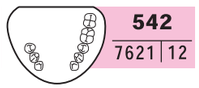
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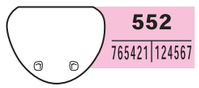
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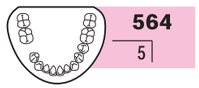
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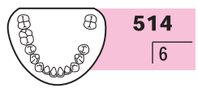
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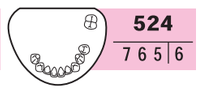
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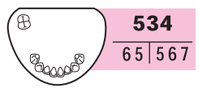
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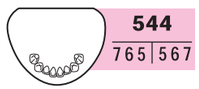
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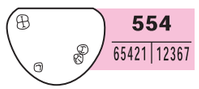
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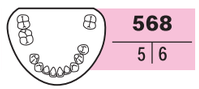
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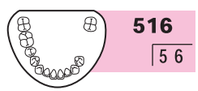
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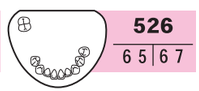
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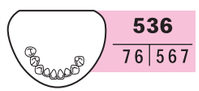
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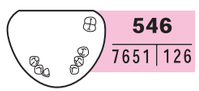
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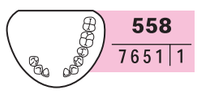
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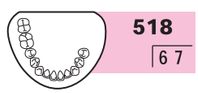
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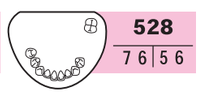
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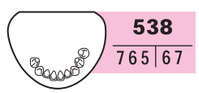
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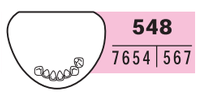
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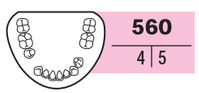
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A Wide Variation of IMP (Implant) Series for Mastering the Implant Field

To take the first step in mastering implant techniques, it is essential to comprehensively learn basic procedures. The Implant Model Series are made with materials that allow you to experience the drilling feeling of the bone.

Comprehensive Implant Training

These models use a material that allows you to do comprehensive training as you experience the incisional feeling of the gingiva and the drilling feeling of the jaw bone. Also, the practice areas have an interchangeable socket-type design.

Drilling Training

These models have a bone material that allows you to master basic drilling operative techniques.

Sinus Lift Training

These models have a bone material that allows you to experience sinus lifts, and include maxillary sinus and Schneiderian membranes.

Basic Implant Training Model
[IMP5003-UL-SP-FEM]

- The mental foramen and mylohyoid lines are realistically reproduced, which enables “clinically close” training
- The mandibular canal is duplicated inside the jaw bone, which allows you to practice considering direction and depth of implant insertion
- A red colored wire in the mandibular canal can be removed to check whether any damage has been caused by implant insertion
- Tooth #44 can be removed to check whether there is any damage on the root after training
- Pre-treatment diagnosis can be practiced by downloading the panorama and CT images* since the bone shape and the distance from the alveolar crest and mandibular canal in these images are based on the IMP5003 model
- Replaceable implant socket enables repeated training

Articulator

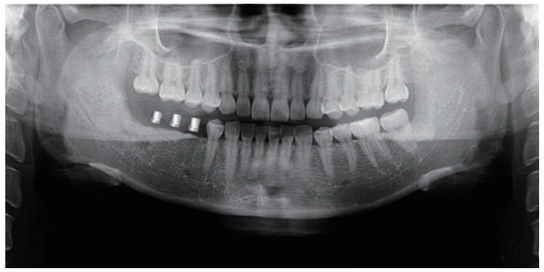
FE IMP5003-UL-SP-FEM
D IMP5003-UL-SP-DM
DP IMP5003-UL-SP-DPM
NON IMP5003-UL-SP-HM

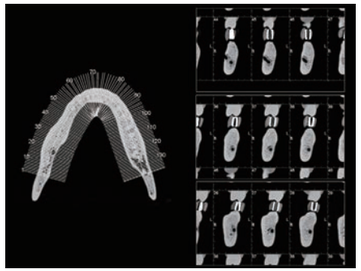
Replacement Parts

- Implant Socket [IMP5003-T]
- Surgical Stent [IMP5003-TA]

Training Method			
Incision	○	Full-thickness flap	○
Suture	○	Drilling	○
Implant insertion	○	Surgical guide plate	○
Alginate impression	○	Fabrication of superstructure	○

* *CT scan images can be downloaded from:*
http://www.nissin-dental.net/products/DentalTrainingProducts/Implant/IMP5003/index.html





●Replacement Parts

Implant Socket
[IMP5003-T]

●Option

Surgical Stent
[IMP5003-TA]

Implant Training Jaw Model
[IMP1001-UL-SP-FEM]

- Lower jaw for flap and drilling training
- The model material consists of a 2-layered construction duplicating Type Ⅱ hardness
- Wider bone width allows you to do basic implant techniques
- Replaceable implant socket feature allows you to practice repeatedly
- Opposing upper jaw enables you to consider drilling and implant insertion direction and angle in relationship to the opposing dentition
- Procedures up to the final restoration are possible

Articulator

FE IMP1001-UL-SP-FEM
D IMP1001-UL-SP-DM
DP IMP1001-UL-SP-DPM
NON IMP1001-UL-SP-HM

Replacement Parts

TOOTH 2-Layered Tooth Model / A20A-500 Parts : 2 parts of #45, #34
Simple Root Tooth Model / A5A-500 Parts : 2 parts of #44, #43
OTHER Implant Socket / IMP1002-T-SP
Partial Denture Socket / IMP1002-T-HD

Training Method			
Incision	○	Lateral window technique	
Relaxation incision		Osteotome	
Full-thickness flap	○	GBR	
Incision· gingival ablation		Bone graft	
Suture	○	Ridge expansion	
Drilling	○	Immediate implant placement	
Implant insertion	○	Surgical guide plate	○
Alginate impression	○	Fabrication of superstructure	○

●Replacement Parts

2-Layered Tooth Model [A20A-500]

- A 2-layered construction tooth simulating the enamel and dentin hardness and consistency
- Teeth are pre-fitted to the model

Parts : 2 parts of #45, #34

Simple Root Tooth Model (Permanent Tooth) [A5A-500]

- Anatomical form crown and a simple straight root design
- Teeth are pre-fitted to the model

Parts : 2 parts of #44, #43

Implant Socket
[IMP1002-T-SP]

- Replacement socket for doing comprehensive implant training

Partial Denture Socket
[IMP1002-T-HD]

- Replacement socket for doing partial denture training

Drilling Training Model
[IMP1003-L-HD]

- Mandibular jaw model for basic drilling training
- The model material duplicates type Ⅱ～Ⅲ hardness

Bone Material	duplicates type Ⅱ～Ⅲ (1 layered construction)

Training Method			
Incision		Lateral window technique	
Relaxation incision		Osteotome	
Full-thickness flap		GBR	
Incision· gingival ablation		Bone graft	
Suture		Ridge expansion	
Drilling	○	Immediate implant placement	
Implant insertion	○	Surgical guide plate	
Alginate impression		Fabrication of superstructure	

Implant Training Jaw Model
[IMP1006-L-SP]

- Mandibular jaw model for self-tapping training for mini implant insertion
- The model material consists of a 2 layered construction duplicating type Ⅱ hardness
- Edentulous jaw for overdenture training

Gingiva	gingiva for use in incision·suture
Bone Material	duplicates type Ⅱ (2 layered construction)

Training Method			
Incision	○	Lateral window technique	
Relaxation incision		Osteotome	
Full-thickness flap	○	GBR	
Incision· gingival ablation		Bone graft	
Suture	○	Ridge expansion	
Drilling	○	Immediate implant placement	
Implant insertion	○	Surgical guide plate	○
Alginate impression	○	Fabrication of superstructure	○

Sinus Lift Training Model
[IMP1007-U-SP]

- Jaw model for sinus lift training
- The bone thickness of the posterior area is 3mm on the left side and 9mm on the right side for lateral window and osteotome method training
- Schneiderian membrane is made of thin material

Gingiva	gingiva with periosteum for use in incision·suture
Bone Material	duplicates type Ⅲ (1 layered construction)
Tooth model	removable anatomic tooth model
Other	Schneiderian membrane

Training Method			
Incision	○	Lateral window technique	○
Relaxation incision		Osteotome	○
Full-thickness flap	○	GBR	
Incision· gingival ablation	○	Bone graft	
Suture	○	Ridge expansion	
Drilling	○	Immediate implant placement	○
Implant insertion	○	Surgical guide plate	○
Alginate impression	○	Fabrication of superstructure	○

Bone Graft Training Model
[IMP1009-L-SP]

- Model using special soft tissue for relaxation incision training
- Model for implant insertion in the right posterior region and GBR in the left jaw
- Model for practicing immediate implant placement
- Model comes with imitation bone placement(2g) and imitation membrane(3 sheets)

Gingiva	gingiva for special relaxation incision
Bone Material	duplicates type Ⅱ (2 layered construction)
Tooth model	removable anatomic tooth model (tooth #33 only)

Training Method			
Incision	○	Lateral window technique	
Relaxation incision	○	Osteotome	
Full-thickness flap	○	GBR	○
Incision· gingival ablation	○	Bone graft	○
Suture	○	Ridge expansion	○
Drilling	○	Immediate implant placement	○
Implant insertion	○	Surgical guide plate	○
Alginate impression	○	Fabrication of superstructure	○

Implant Comprehensive Training (Maxillary Jaw)
[IMP1011-U-SP]

Implant Comprehensive Training (Mandibular Jaw)
[IMP1012-L-SP]

- 2 implant comprehensive models for flap and drilling training
- The model materials consist of a 2 layered construction duplicating type Ⅱ hardness
- Implant socket feature allows you to replace necessary parts and Training repeatedly

＊*Please contact us regarding replacement parts.*

Gingiva	gingiva for use in incision·suture
Bone Material	duplicates type Ⅱ (2 layered construction)
Tooth model	removable anatomic tooth model
Other	Socket type

Training Method			
Incision	○	Lateral window technique	
Relaxation incision		Osteotome	○
Full-thickness flap	○	GBR	
Incision· gingival ablation		Bone graft	
Suture	○	Ridge expansion	
Drilling	○	Immediate implant placement	○
Implant insertion	○	Surgical guide plate	○
Alginate impression	○	Fabrication of superstructure	○

Basic Implant Training Model
[IMP1034-UL-SP-FEM]

- Basic yet comprehensive jaw models for flap and drilling training in the anterior and posterior regions
- The bone material consists of a 2 layered construction duplicating type Ⅱ hardness
- The model gingiva, designed to give a realistic feeling, comes with periosteum
- Wider bone width allows you to do basic implant techniques
- Model can be mounted to the NISSIM Head for a more realistic training

Articulator

FE IMP1034-UL-SP-FEM　　D IMP1034-UL-SP-DM
DP IMP1034-UL-SP-DPM　　NON IMP1034-UL-SP-HM

Gingiva	gingiva with periosteum for use in incision / suturing
Bone Material	duplicates type Ⅱ (2 layered construction)
Tooth model	1-piece form construction (part of jaw model)
Missing teeth	Maxilla: 14, 15, 16, 21, 24　Mandible: 36, 42, 45, 46

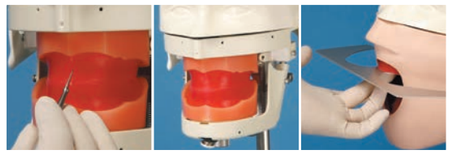
Training Method			
Incision	○	Lateral window technique	
Relaxation incision		Osteotome	
Full-thickness flap	○	GBR	
Incision· gingival ablation	○	Bone graft	
Suture	○	Ridge expansion	
Drilling	○	Immediate implant placement	
Implant insertion	○	Surgical guide plate	○
Alginate impression	○	Fabrication of superstructure	○

The EDE (Edentulous) Series for mastering the Edentulous Jaw Restorative Area

During full denture fabrication, various techniques for functionally positioning the gingival form, finding the proper vertical dimension of occlusion, and the alignment position of artificial teeth are required. It is essential to comprehensively practice basic techniques in order to understand the usage of various impression materials and the mode of occlusion. The Edentulous Jaw Model Series offers a wide variety of model types to choose from such as models with a soft type gingiva that allows various impression taking methods, and plaster models that are for laboratory practice such as denture teeth alignment.

Impression Taking

The EDE1001-UL-UP-FEM is furnished with a soft type gingiva. To allow various impression taking methods, a hamular notch and palatine foveola are reproduced.



Bite Taking

Laboratory practice such as fabricating bite plates on a standardized model, and attaching Gothic Arch Tracer is possible with the EDE1001-UL-MO. Also, by combining with the optional N Series Wax Rim and EDE1001 models, you can practice bite taking methods using a mannequin.

Artificial Teeth Arrangement

By using the EDE1001-UL-MO plaster model or the plaster model/wax rim combination NC series, you can do artificial teeth arrangement practice using various methods as well as a series of laboratory practice such as polymerization, polishing and selective grinding.

Soft Gingiva Edentulous Model

[EDE1001-UL-UP-FEM]

- Edentulous jaw model with a soft type gingiva which is compatible with a wide variety of impression materials such as alginate and silicone
- Bite taking practice can be done on the phantom unit by combining this model with the N Series Wax Rim

Articulator

FE EDE1001-UL-UP-FEM
D EDE1001-UL-UP-DM
DP EDE1001-UL-UP-DPM
NON EDE1001-UL-UP-HM

Training Method			
Preliminary impression	○	Bite taking	○
Detailed impression	○	Artificial teeth arrangement	○
Muscle trimming		Denture tooth polymerization	
Custom tray fabrication	○	Denture tooth setting	○
Bite plate fabrication	○		

Soft Gingiva Edentulous Model

[EDE1002-UL-UP-FEM]

- Edentulous jaw model with a soft type gingiva which is compatible with a wide variety of impression materials such as alginate and silicone
- The model duplicates the mucogingival junction allowing a more clinically accurate practice

Articulator

FE EDE1002-UL-UP-FEM
D EDE1002-UL-UP-DM
DP EDE1002-UL-UP-DPM
NON EDE1002-UL-UP-HM

Training Method			
Preliminary impression	○	Bite taking	○
Detailed impression	○	Artificial teeth arrangement	○
Muscle trimming		Denture tooth polymerization	
Custom tray fabrication	○	Denture tooth setting	○
Bite plate fabrication	○		

Plaster Model Mold (Edentulous Jaw) [EDE1001-UL-MO]

- Edentulous jaw rubber mold having the same form as the EDE1001 model
- Each jaw is sold separately

Training Method			
Preliminary impression		Bite taking	
Detailed impression		Artificial teeth arrangement	○
Muscle trimming		Denture tooth polymerization	○
Custom tray fabrication	○	Denture tooth setting	
Bite plate fabrication	○		

●Replacement Parts

Wax Rim [NA-N6]

- Designed to fit the Edentulous Jaw Model Series

Table of Wax Rim Types

	Maxillary	Mandibular	Arch
N6	75°	75°	Standard

Jaw Functional Skull Model for Mastering the Stomatognathic Function Area.

The Stomatognathic model, based on the skull model, can reproduce jaw movements in 3-dimensional form, so it becomes easier to understand complex protrusive/retrusive, horizontal and vertical jaw movements in relation to the mandibular condyle and dentition.

Jaw Function Skull Model
[ANA1001-T]

- 3-dimensionally reproduces various mandibular jaw movements such as protrusive, lateral and vertical movements
- 4 cylinders representing the temporal and masseter muscles are attached to the skull model
- By observing 3-dimensionally instead of using 2-dimensional tools such as illustrations, you can understand mandibular jaw movements much easier

■Centric Relation

■Intercuspal Position

■Lateral Position

■Protrusive Position

■Maximal Open Position

Conservative Dentistry

Operative Area P50

Endodontics Area P54

The 500E 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 500E 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 that it is possible to experience the cutting feeling. Also, the jaw models are shaped wide towards the labiobuccal transition area so that it is easier to perform anterior teeth jaw 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.

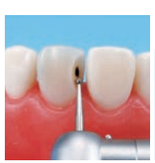
Expanding Training Uses with Optional Tooth Models

A More Practical Cavity Preparation / A20A, A22A, A55A

By replacing the tooth models with the A20 Series which possess superior cutting characteristics, with the A22 Series which have a pulp chamber, or with the A55 Series which simulates the wedge-shaped defect, it is possible to do a more clinical training that takes the removal amount of the tooth substance into consideration.

Plugging the Filling Material / A55A, A50A

By combining with tooth models that you have performed cavity preparations on, or with the A55•A50 Series that have pre-prepared cavity preparations, it is possible to do operative practice using various filling materials and matrix bands.



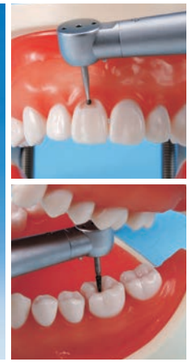
Minimal Intervention / A26A

By replacing with the A26 Series which assumes different caries types, it is possible to practice removing softened dentin and to implement a more practical training that takes the removal amount of infected tooth substance into consideration.

Endodontics / S12A, A22A

By interchanging to the S12 or the A22 Series 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.

D18FE-500E



Operative Jaw Model [D18FE-500E]

Jaw model fitted with a soft type gingiva that allows comprehensive operative training. It also allows accurate impression taking using silicone impression material.

Variation

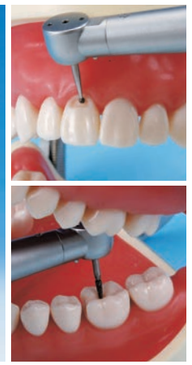
•D18D-500E (with D Articulator) •D18DP-500E (with DP Articulator)
•D18-500E (without Articulator)

Replacement Parts

•Simple root tooth model / A5A-500 •Gingiva for D18-500E / 500E-F-GUB
□Parts 28 teeth

Training Method			
Cavity preparation	○	Alginate combination impression	○
Rubber dam attachment	○	Silicone impression	○
Plugging the filling material	○	Restoration fabrication/fitting	○
Gingival retraction	○	Fluoride application	○

D16FE-500E(GSF) Pink



Operative Jaw Model [D16FE-500E(GSF)]

Jaw model fitted with a pink soft type gingiva. Due to a more elastic material than the D18 model, it is easier to insert the gingival retraction thread.

Variation

•D16D-500E(GSF) (with D Articulator) •D16DP-500E(GSF) (with DP Articulator)
•D16-500E(GSF) (without Articulator)

Replacement Parts

•Simple root tooth model / A5A-500 •Gingiva for D16-500E (pink) / 500E-F-GSF
□Parts 28 teeth

Training Method			
Cavity preparation	○	Alginate combination impression	○
Rubber dam attachment	○	Silicone impression	
Plugging the filling material	○	Restoration fabrication/fitting	○
Gingival retraction	○	Fluoride application	○

D16FE-500E(GSE) Clear Pink

Operative Jaw Model [D16FE-500E(GSE)]

Jaw model fitted with a clear pink soft type gingiva. Because the gingiva is semi-transparent, it is possible to verify the subgingival margin and the gingival retraction thread through the gingiva.

Variation

•D16D-500E(GSE) (with D Articulator) •D16DP-500E(GSE) (with DP Articulator)
•D16-500E(GSE) (without Articulator)

Replacement Parts

•Simple root tooth model / A5A-500 •Gingiva for D16-500E (clear pink) / 500E-F-GSE
□Parts 28 teeth

Training Method			
Cavity preparation	○	Alginate combination impression	○
Rubber dam attachment	○	Silicone impression	
Plugging the filling material	○	Restoration fabrication/fitting	○
Gingival retraction	○	Fluoride application	○

D16FE-500E(GSD) Clear

Operative Jaw Model [D16FE-500E(GSD)]

Jaw model fitted with a clear soft type gingiva. Because the gingiva is transparent, areas such as the subgingival margin are the easiest to see out of the entire 500E Series.

Variation

•D16D-500E(GSD) (with D Articulator) •D16DP-500E(GSD) (with DP Articulator)
•D16-500E(GSD) (without Articulator)

Replacement Parts

•Simple root tooth model / A5A-500 •Gingiva for D16-500E (clear) / 500E-F-GSD
□Parts 28 teeth

Training Method			
Cavity preparation	○	Alginate combination impression	○
Rubber dam attachment	○	Silicone impression	
Plugging the filling material	○	Restoration fabrication/fitting	○
Gingival retraction	○	Fluoride application	○

D51FE-500E

Hard Gingiva Jaw Model [D51FE-500E]

Jaw model fitted with a hard type gingiva made especially for preparation practice. Because it has a hard gingiva subgingival practice is not possible.

Variation

•D51D-500E (with D Articulator) •D51DP-500E (with DP Articulator)
•D51-500E (without Articulator)

Replacement Parts

•Simple root tooth model / A5A-500
□Parts 28 teeth

Training Method			
Cavity preparation	○	Alginate combination impression	○
Rubber dam attachment	○	Silicone impression	
Plugging the filling material	○	Restoration fabrication/fitting	○
Gingival retraction		Fluoride application	○

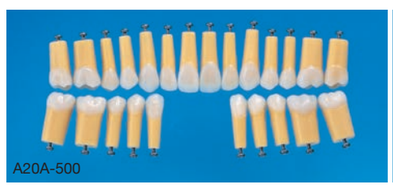
●Replacement Tooth Models, Optional Tooth Models

A5A-500

Simple Root Tooth Model (Permanent Tooth) [A5A-500]

Tooth models come pre-fitted with the 500E Series jaw model. The crown portion has an anatomical form.
□Parts 28 teeth

Training Method	
Cavity preparation	○


A20A-500

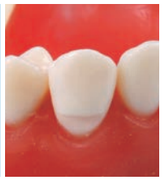
Cross-section

2-Layered Tooth Model [A20A-500]

Tooth model has a difference in cutting characteristics between the enamel and dentin. The cutting feel is made closer to the natural tooth than the A5 tooth model.
□Parts 7654321 | 1234567 / 76543 | 34567 24 teeth

Training Method	
Cavity preparation	○

A55A 139B 239D 149B

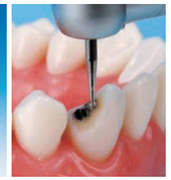


Wedge-shaped Defect Tooth Model [A55A-139B, 149B, 239D]

A W.S.D. cavity preparation practice tooth model presuming a wedge-shaped defect.
□Parts 3 A55A-139B 3 A55A-239D 4 A50A-149B

Training Method	
Cavity preparation	○

11 13E 21 23B 14A 26A 36F
A26A



Caries Tooth Model [A26A Series]

A caries tooth model based on the A20 tooth model that has superior cutting characteristics.

Training Method	
Cavity preparation	○
Soft dentin removal	○

●Other Replacement Parts, Option Parts

500E-F-GUB

Gingiva for D18-500E

MODEL NAME

•500E-F-GUB

Pink (GSF)

Clear Pink (GSE)

Clear (GSD)

Gingiva for D16-500E

MODEL NAME

•Pink (500E-F-GSF)
•Clear pink (500E-F-GSE)
•Clear (500E-F-GSD)

Z1

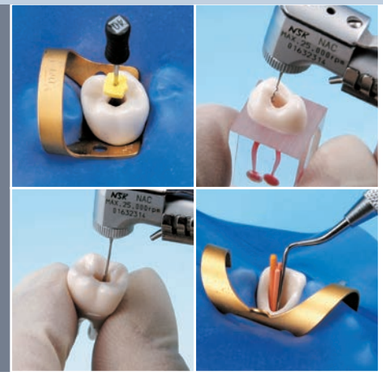
Tongue Model [Z-1]

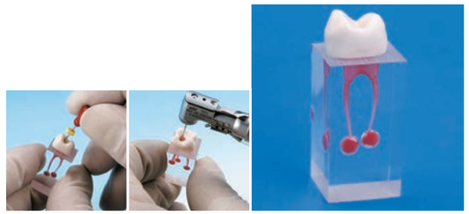
Model used for practicing tongue removal. Can be attached to D18, D16 type models. The tongue is fixed with a clip from the rear of the model.

*Jaw model not included.

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

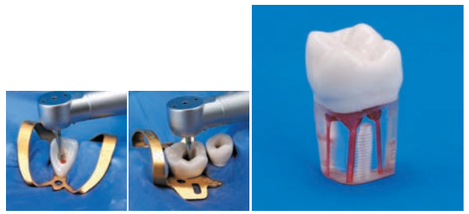
The Endo Model Series offers a wide variety of choices according to the purpose and level, allowing fast and easy mastering of root canal treatment techniques. By using these models, you can understand various preparation methods as well as characteristics of instruments such as reamers, while experiencing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

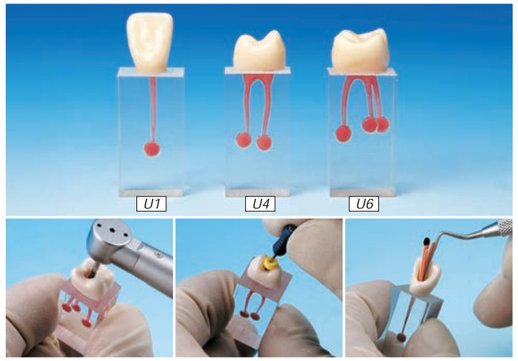


Jaw model-mounted Type Practice Models : A/S Series

The simple root tooth model type A Series, which is fitted to the 500E Series Operative Jaw Model, is designed for learning the entire series of procedures from rubber dam attachment to root canal filling. For practicing basic techniques, you can make a selection according to your purpose from a wide variety of models with pulp chambers and root canals.

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 [S Series]

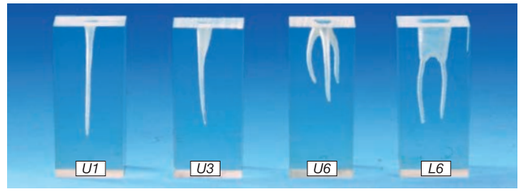
- Pulp chamber and root canal inside a transparent block with a crown attached on top
- A silicone ball is added to the apical foramen to help understand the feeling during perforation
- Suited for preliminary practice of opening the pulp chamber, root canal enlargement and root canal filling
- The pulpal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

Variation

- Maxillary Central Incisor / S7-U1
- Maxillary First Premolar / S7-U4
- Maxillary First Molar / S7-U6

Training Method			
Opening of the pulp chamber	○	Root canal enlargement	○
Root canal length measurement	○	Root canal filling	○
Root canal sealing	○		

●Model Variations

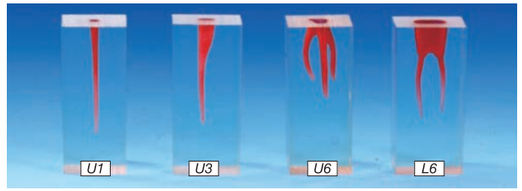


Root Canal Model [S1 Series]

- Various types of unstained root canals available in a transparent block

Variation

- Maxillary Central Incisor / S1-U1
- Maxillary Canine / S1-U3
- Maxillary First Molar / S1-U6
- Mandibular First Molar / S1-L6

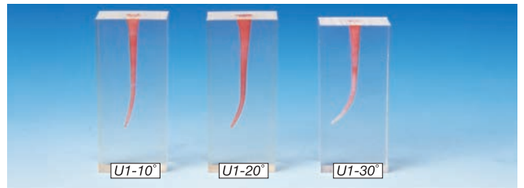


Root Canal Model [S2 Series]

- Various types of red-stained root canals available in a transparent block

Variation

- Maxillary Central Incisor / S2-U1
- Maxillary Canine / S2-U3
- Maxillary First Molar / S2-U6
- Mandibular First Molar / S2-L6

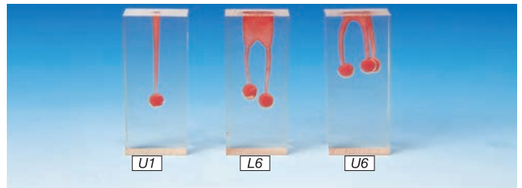


Root Canal Model [S4 Series]

- 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°
- 20° curvature / S4-U1-20°
- 30° curvature / S4-U1-30°

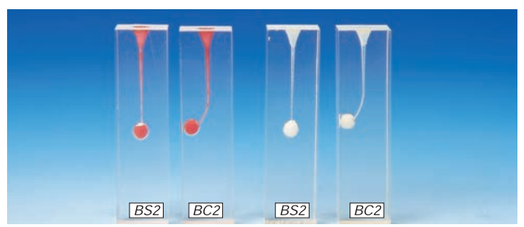


Root Canal Model [S6 Series]

- 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
- Maxillary First Molar / S6-U6
- Mandibular First Molar / S6-L6

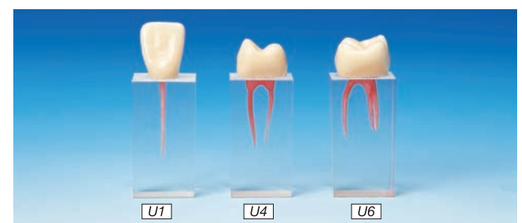


Root Canal Model [S8 Series]

- 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 Curvature straight	•S8-BS2-Stained •S8-BS2-Unstained	Root canal Curvature curved	•S8-BC2-Stained •S8-BC2-Unstained



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

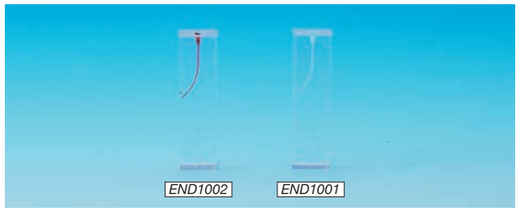
- Maxillary Central Incisor / S3-U1
- Maxillary First Molar / S3-U6
- Maxillary First Premolar / S3-U4

Root Canal Model [E Series]

The E Series has a narrower root apex than the S Series, enabling the use of reamers #20.

Training Method			
Opening of the pulp chamber	○	Root canal enlargement	○
Root canal length measurement	○	Root canal filling	○
Root canal sealing			

●Model Variations



Root Canal Model [E-END1 Series]

•Simulates the sensation felt during apical perforation
•Each type has a stained and unstained version

Variation

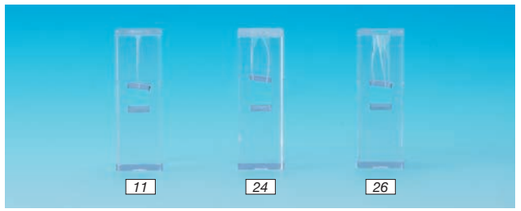
•30°curvature / E-END1002-30-#20 •30°curvature / E-END1001-30-#20

Root Canal Model [E-END1R Series]

•Simulates the sensation felt during apical perforation
•Trasparent blocks with specially-shaped root canals

Variation

•45°curvature / E-END1R001-11-RCL •S-shaped canal / E-END1R002-11-RCL

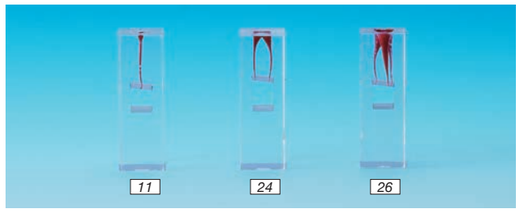


Root Canal Model [E-END3L Series]

•Simulates the sensation felt during apical perforation
•Each type has a stained and unstained version

Variation

•Maxillary Central Incisor / E-END3L001-11-RCL •Maxillary First Premolar / E-END3L001-24-RCL
•Maxillary First Molar /E-END3L001-26-RCL

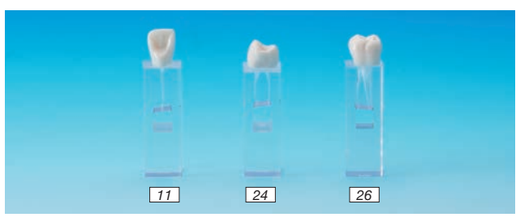


Root Canal Model [E-END3L Series]

•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

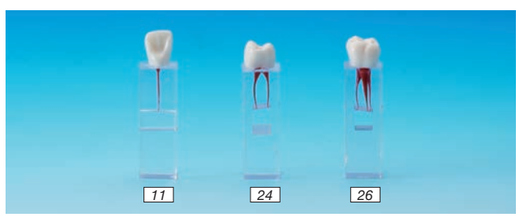


Root Canal Model [E-END3M Series]

•Simulates the sensation felt during apical perforation
•Suited for preliminary practice of opening the pulp chamber, root canal enlargement
•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

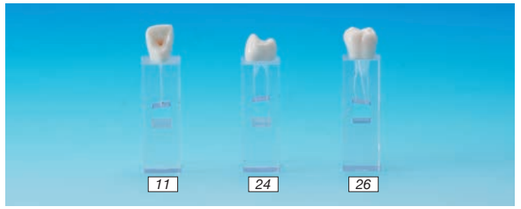


Root Canal Model [E-END3M Series]

•Simulates the sensation felt during apical perforation
•Suited for preliminary practice of opening the pulp chamber, root canal enlargement
•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

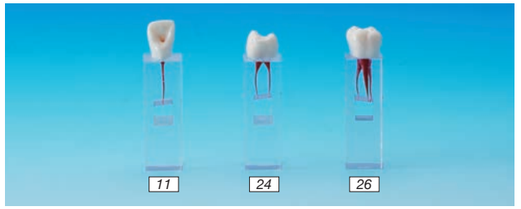


Root Canal Model [E-END3N Series]

•Simulates the sensation felt during apical perforation
•Pre-removed pulp chamber ceiling reduces practice time

Variation

•Maxillary Central Incisor /E-END3 001-11-RCL •Maxillary First Premolar / E-END3 001-24-RCL
•Maxillary First Molar / E-END3 001-26-RCL



Root Canal Model [E-END3N Series]

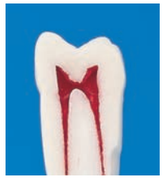
•Simulates the sensation felt during apical perforation
•Pre-removed pulp chamber ceiling reduces practice time

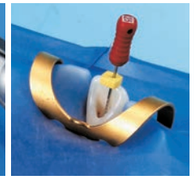
Variation

•Maxillary Central Incisor /E-END3 001-11-RRE •Maxillary First Premolar / E-END3 001-24-RRE
•Maxillary First Molar / E-END3 001-26-RRE

•When using an electric-powered rotary instrument with this product, make sure to keep the speed under 300 rpm and use water coolant to prevent frictional heat.
•This product is NOT COMPATIBLE with the following as using them may cause damage.
·Endodontic sealers
·Camphorated phenol liquid
·Gutta-percha softener/solvent

•E-END series are not compatible with endodontic sealers. Please do not use for obturation.





Endodontic Tooth Model [A12A-500]

This tooth model has a pulp chamber and a root canal. The pulpal walls are stained red so that it is easy to see preparation conditions such as during root canal enlargement. Also, by combining with the 500E Model, you can practice rubber dam attachments as well as a more clinical endodontic practice.

□Parts 6 4 1 | 1 4 6 / 65 | 56 10 teeth*

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 if this hinders the training.

Training Method			
Opening of the pulp chamber	○	Root canal enlargement	○
Root canal length measurement*	○	Root canal filling	○

*Cannot use electric measurement method

●Tooth Model Variations

Endodontic Tooth Model [S12A-500]

A tooth model with a pulp chamber and a root canal that is stained red. The root portion is transparent so that it is easy to check the preparation condition.

□Parts 6 4 1 | 1 4 6 / 65 | 56 10 teeth*

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 if this hinders the training.

Training Method	
Opening of the pulp chamber	○
Root canal length measurement*	○
Root canal enlargement	○
Root canal filling	○

Endodontic Tooth Model [A22A-500]

A tooth model with a pulp chamber and a root canal that has a different cutting feeling between the enamel and dentin.

□Parts 6 4 1 | 1 4 6 / 65 | 56 10 teeth*

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 if this hinders the training.

Training Method	
Opening of the pulp chamber	○
Root canal length measurement*	○
Root canal enlargement	○
Root canal filling	○

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	○	Root canal enlargement	○
Root canal length measurement	○	Root canal filling	○

*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	○

*Measured using electric apex probe.

Electric Conductive Paste [NP-1]

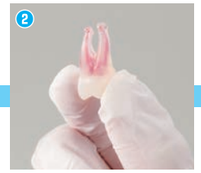
- Possesses electrical conductivity made exclusively for the Root Canal Length Measurement Model

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.

Periodontal Area

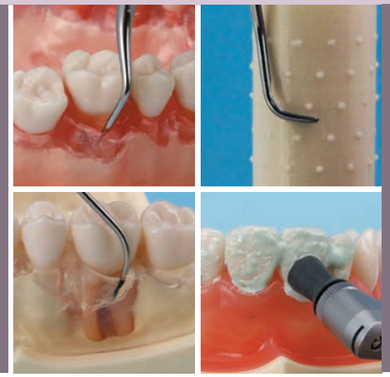
Scaling・Root Planing Area P62

Periodontal Surgery Area P66

Plaque Control Area P68

The PER(Periodontics) Series. A Wide Variation for Mastering the Scaling and Root Planing Area.

The PER Series has a wide selection of models that have altered tooth root forms, gingiva and alveolar bone conditions, and you can make your choices according to the training purpose and level. By applying artificial dental calculus to the model you can do a more clinical SRP practice.



Simple Root Tooth Model with a Furcation Defect

The 500HPRO Series has a root furcation tooth model attached to the molar region and allows practice of the root furcation region. The alveolar bone has horizontal resorption as well as vertical resorption such as furcation defect and dehiscence bone defects so that subgingival practice is possible.

Treatment of Furcation Involvement

The PER1001 Model provides practice presuming the treatment of furcation involvement such as furcation diagnosis, furcation plasty, and tunnel preparation, by the use of tooth models with root furcation and alveolar bone area with vertical bone defect. Also, you can do practice such as trisection presuming root amputation and hemisection.

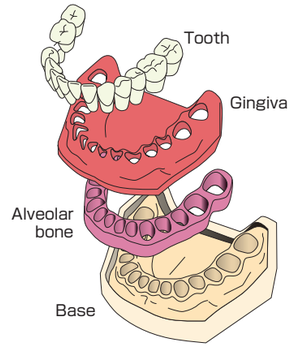
Calculus Removal Stick

[PER1013-T-HDI (Ivory)] [PER1013-T-HDC (Clear)]

- Effective item for students to practice calculus detection and removal
- Multiple small protruding dots on the stick are designed to provide the same sensation/resistance felt when detecting and removing actual calculus with a scaler
- Calculus dots are added to both ends of the stick
- Length : 80mm

Scaling and Probing Jaw Model [500HPRO]

The 500HPRO is a purposely designed dental model perfectly suited for teaching basic probing and scaling techniques which are important elements of periodontal disease prevention. This jaw model will allow students to be introduced to elementary instrument handling and operation.
The “dress-up” feature using various interchangeable parts can quickly transform the model to simulate different clinical scenarios.



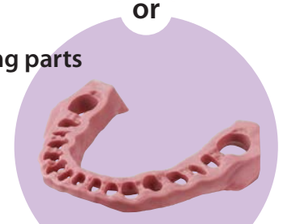
P15FE-500HPRO-S2B1-GSF

Probing parts

T6-500HPRO-P3-#P

or

Scaling parts



T6-500HPRO-S3-#P

Gingiva

500HPRO-A1-F-GSF

500HPRO-A1-F-GSE

500HPRO-A1-F-GSD

Probing

The entire arch features diverse bone levels simulating various pocket depths which allow students to acquire basic probing and scaling skills.
The maxillary and mandibular 1st molars have anatomical roots with furcation to mimic natural teeth, thus allowing students to practice in a more clinically realistic setting.

Probing

Probing part

Pocket Chart Example

value:mm

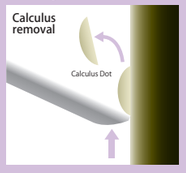
	13			12			11		
	D	C	M	D	C	M	D	C	M
Buccal	4	8	5	5	7	6	7	8	6
Lingual	5	7	6	6	7	8	8	8	6

Scaling

The dental calculus dots on the teeth have been designed and tested to be the optimal size and have a perfect amount of resistance accurately simulating the resistance of real calculus. Students can learn how to feel the calculus during detection as well as learn the proper amount of pressure to apply on the instrument when scaling.
The Dotted Calculus Teeth are perfect for teaching manual dexterity skills and basic instrumentation techniques to students.

Scaling

Scaling part



P15FE-500HPRO-S2B1-GSF

Scaling and Probing Jaw Model [P15FE-500HPRO-S2B1-GSF]

Jaw model with lesion condition on the gingiva and alveolar bone, designed with the purpose of learning basic techniques for treating periodontal diseases. In order to do subgingival practice, horizontal resorption has been applied on the entire alveolar bone, and other bone defects have been added on the canine area and on the first molar area. Also, it is possible to practice furcation lesion treatments on the first molar area. Lesion conditions have been added to the gingival area, so plaque control practice on the gingival lesion is possible.

Variation

- P15D-500HPRO-S2B1-GSF (with D Articulator)
- P15DP-500HPRO-S2B1-GSF (with DP Articulator)
- P15HD-500HPRO-S2B1-GSF (without Articulator)

Replacement Parts

- Simple root tooth model / A5A-500
  □Parts 7 54321|12345 7 / 7 54321|12345 7 24 parts
- Root furcation tooth model / A2A-736, A2A-737, A2A-738, A2A-739
  □Parts 6|6 / 6|6 4 parts
- Gingiva for 500HPRO-S2B1 (pink) / 500HPRO-B1-F-GSF

Training Method			
Probing	○	Tooth surface polishing	○
Exploring *1	○	Plaque control *2	○
Scaling *1	○	Alginate combination impression	○
Root Planing *1	○	Silicone impression	

*1 when doing practice by combining with the dental calculus set
*2 when doing practice by combining with artificial plaque

●Model Variations

P15FE-500HPRO-S2B1-GSE

Scaling and Probing Jaw Model [P15FE-500HPRO-S2B1-GSE]

Jaw model with a clear pink gingiva based on the 500HPRO pink gingiva model. The gingiva is semi-transparent so it is easier to see the subgingival condition.

Variation

- P15D-500HPRO-S2B1-GSE (with D Articulator)
- P15DP-500HPRO-S2B1-GSE (with DP Articulator)
- P15HD-500HPRO-S2B1-GSE (without Articulator)

Replacement Parts

- Simple root tooth model / A5A-500
  □Parts 7 54321|12345 7 / 7 54321|12345 7 24 parts
- Root furcation tooth model / A2A-736, A2A-737, A2A-738, A2A-739
  □Parts 6|6 / 6|6 4 parts
- Gingiva for 500HPRO-S2B1 (clear pink) / 500HPRO-B1-F-GSE

Training Method			
Probing	○	Tooth surface polishing	○
Exploring *1	○	Plaque control *2	○
Scaling *1	○	Alginate combination impression	○
Root Planing *1	○	Silicone impression	

*1 when doing practice by combining with the dental calculus set
*2 when doing practice by combining with artificial plaque

P15FE-500HPRO-S2B1-GSD

Scaling and Probing Jaw Model [P15FE-500HPRO-S2B1-GSD]

Jaw model with a clear gingiva based on the 500HPRO pink gingiva model. The gingiva is transparent so it is the easiest to see the subgingival condition.

Variation

- P15D-500HPRO-S2B1-GSD (with D Articulator)
- P15DP-500HPRO-S2B1-GSD (with DP Articulator)
- P15HD-500HPRO-S2B1-GSD (without Articulator)

Replacement Parts

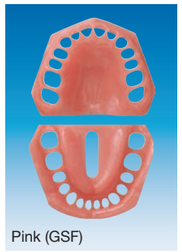
- Simple root tooth model / A5A-500
  □Parts 7 54321|12345 7 / 7 54321|12345 7 24 parts
- Root furcation tooth model / A2A-736, A2A-737, A2A-738, A2A-739
  □Parts 6|6 / 6|6 4 parts
- Gingiva for 500HPRO-S2B1 (clear) / 500HPRO-B1-F-GSD

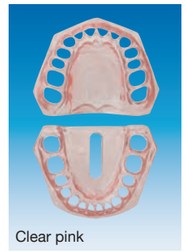
Training Method			
Probing	○	Tooth surface polishing	○
Exploring *1	○	Plaque control *2	○
Scaling *1	○	Alginate combination impression	○
Root Planing *1	○	Silicone impression	

*1 when doing practice by combining with the dental calculus set
*2 when doing practice by combining with artificial plaque

●Replacement Parts

Gingiva for 500HPRO


Pink (GSF)
[500HPRO-A1-F-GSF]


Clear pink
[500HPRO-A1-F-GSE]

Clear
[500HPRO-A1-F-GSD]

Simple Root Tooth Model (Permanent Tooth) [A5A-500]

- Anatomical form crown and a simple straight root design
- Teeth set comes pre-fitted with the 500HPRO jaw model

Parts

	17		15	14	13	12	11	21	22	23	24	25		27	
	47		45	44	43	42	41	31	32	33	34	35		37	

Training Method			
Exploring	○	Scaling	○

6|736 6|737 6|739 6|738

Root Furcation Tooth Model

[A2A-736][A2A-737][A2A-738][A2A-739]

- Anatomical root with a furcation area
- Teeth set comes pre-fitted with the 500HPRO jaw model
- Made from a softer material than the A5A tooth model

Parts

		16											26		
		46											36		

Training Method			
Exploring	○	Scaling	○

●Option

6|775 6|777 1|776 1|774

Calculus Removal Tooth Model

[A2SRA-774][A2SRA-775][A2SRA-776][A2SRA-777]

- Effective item for students to practice calculus detection and removal
- Multiple small protruding dots on the teeth are designed to provide the same sensation/resistance felt when detecting and removing actual calculus with a scaler

Parts

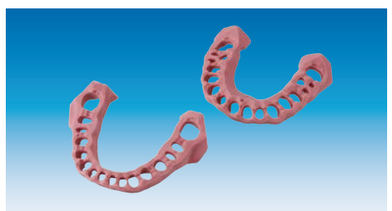
							11						26		
		46					31								

Training Method			
Exploring	○	Scaling	○

500HPRO Probing Pocket

[T6-500HPRO-P3-#P]

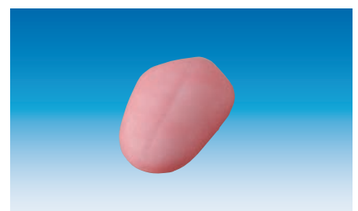
- Interchangeable probing pocket for the 500HPRO model
- Each tooth socket has varying periodontal pocket depths depicting different stages of disease progression
- A palpable periodontal pocket base provides a clinically realistic feel



500HPRO Scaling Alveolar Bone

[T6-500HPRO-S3-#P]

- Interchangeable scaling/root planing alveolar bone for the 500HPRO model
- A severe bone resorption condition is replicated to teach students how the scaler moves and acts during scaling and root planing procedures
- Students can practice effectively when using this item in combination with a pink-colored gingiva



Tongue Model

[500HPRO-Z1]

- Designed for practicing tongue removal

Periodontal Jaw Model [PER2002-UL-SP-FEM-28]

- Periodontally involved training model allowing comprehensive practice of various periodontal treatment techniques
- Advanced periodontal disease seen throughout the model such as hypoplasia, gingival cleft and gingival recession
- Edentulous lower left 1st molar with a super-erupted upper left 1st molar
- Dental calculus present on most teeth for calculus removal practice
- The upper left posterior region shows post-surgical condition for comparison

Articulator

FE PER2002-UL-SP-FEM-28 D PER2002-UL-SP-DM-28
DP PER2002-UL-SP-DPM-28 NON PER2002-UL-SP-HM-28

Replacement Parts

TOOTH Root Furcation Tooth Model with calculus / B1A-004
GINGIVA PER2002-GUL-SP-28

Training Method			
Probing	○	Tooth surface polishing	○
Exploring *1	○	Plaque control *2	○
Scaling *1	○	Alginate combination impression	○
Root Planing *1	○	Silicone impression	
Flap Surgery	○	Free Gingival Graft	○
Frenectomy	○	Guided Tissue Regeneration Method	○
Root Furcation Diagnosis	○	Furcation Plasty	○
Root Amputation	○		

*1 when doing practice by combining with the Dental Calculus Set
*2 when doing practice by combining with Artificial Plaque

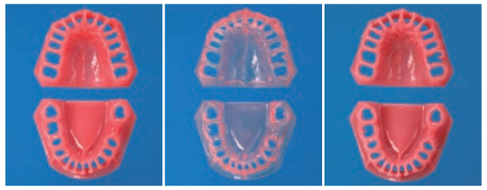
●Replacement Parts

Anatomical Simple Root Tooth Model [B1A Series]

- 2-colored tooth model with dental calculus
- Anatomical root form on 2/3 of the root with root furcations
- Made from a softer material than the A5A tooth model
- Comes pre-fitted with the PER2002 model

Parts

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



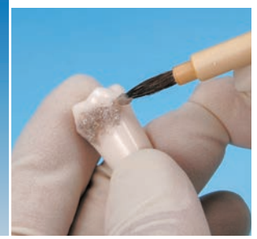
Gingiva for PER2002-UL

- 3 different types to choose from

MODEL NAME

- Pink (PER2002-GUL-SP-28)
- Clear pink (PER2002-GUL-SCP-28)
- Nylon fiber (realistically mimics gingival tissue) (PER2002-GUL-FP-28)

●Option



Dental Calculus Set

- Room-temperature curing artificial dental calculus
- Provides good workability and moderate adhesion to the tooth model
- 2 colors included in the set, dark and light gray

Contents

Powder A (dental calculus color) 8g, Powder B (dark gray) 8g,
Brush 2, Glass cup 2, Sand paper 1, Glass bottle 1, Dropper 1

Separately Sold Items

- Powder A (light gray) 8g
- Powder B (dark gray) 8g
- Brush 2
- Glass cup 1

* *Using this product requires self curing acrylic resin liquid (Not included). For more details please contact us.*

The PER (Periodontics) Surgery Series presuming various lesion conditions for mastering the Periodontal Surgery Area.

Periodontal Jaw Model [PER1001-UL-SP-FEM-32]

- Designed for comprehensive periodontal surgery training, but also allows SRP and other periodontal treatment practice
- Model represents severe periodontal disease condition
- Fitted with furcated anatomical teeth with calculus, having excessive wear representing an aged person

Articulator

FE PER1001-UL-SP-FEM-32 D PER1001-UL-SP-DM-32
DP PER1001-UL-SP-DPM-32 NON PER1001-UL-SP-HM-32

Replacement Parts

TOOTH Anatomical Single Root Tooth Model / B1A-901C
GINGIVA PER1001-GUL-SP-32

Training Method			
Flap surgery	○	Root amputation	○
Guided tissue regeneration method	○	Tunnel preparation	○
Osteoplasty	○	Probing	○
Furcation plasty	○	SRP	○

■Flap Surgery

You can do incision, osteoplasty, and suture practice using various methods presuming flap surgery. Also, since the tooth models are pre-prepared with dental calculus, you can do root planing presuming post-granulation tissue removal.

■Guided Tissue Regeneration Method

Has bone defects on the alveolar bone, and root planing practice presuming guided tissue regeneration method treatment as well as establishing membranes is possible.

■Root Amputation

Class Ⅲ furcation involvement is provided on #16, #26, #46, and allows hemisection and trisection presuming root amputation.

■Tunnel Preparation

On #46, #37, furcation involvement presuming Class Ⅲ is provided, thus it is possible to do tunnel preparation which performs recontouring on the alveolar bone.

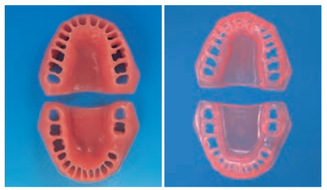
●Replacement Parts

Anatomical Simple Root Tooth Model [B1A-901C]

- 2-colored tooth model with dental calculus
- Anatomical root form on 2/3 of the root with root furcations
- Made from a softer material than the A5A tooth model
- Comes pre-fitted with the PER1001 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		37	38



Gingiva for PER1001-UL

- 2 different colors to choose from

MODEL NAME

- Pink (PER1001-GUL-SP-32)
- Clear pink (PER1001-GUL-SCP-32)

Plaque Control Model Series for Mastering Brushing Techniques

The Plaque Control Series offers models that are fitted with anatomical form tooth models, as well as clinically close models that have crowding dentition and implants so you can practice various techniques. By applying artificial dental plaque to these models, you can quickly understand brushing and flossing techniques as you experience the amount of plaque removal.

Brushing Instruction Model [PE-STP001]

- Jaw model with crowded dentition, partially erupted tooth and implant restoration
- Various brushing and flossing techniques can be practiced
- Plaque removal practice can be done by applying the optional artificial plaque

Training Method			
Brushing	○	Tooth surface polishing	○
Flossing	○		

Other Training Areas

Oral Surgery Area P70

Radiography Area P72

Orthodontics Area P74

Anesthesia Area P78

Pediatric Area P79

The SUG (Oral Surgery) Series for Mastering Tooth Extraction, Sutures and other Surgical Treatments

The Oral Surgery Model Series offer models that allow basic incision/suture techniques and infiltration anesthesia practice, as well as models that allow various oral surgery treatments such as tooth extraction and pus removal (incision).

Incision • Suture Practice Kit Ope-Gum
[SUG1001-T-SP]

- Gingival sheet is made from 3 different layers - gingiva, periosteum and alveolar bone
- Allows you to experience various incision and suture methods
- Closely simulates the gingival region
- The sheet is replaceable

Contents of Kit

Base 1, Ope-Gum Sheet / SUG1002-T-SP 1 sheet

Replacement Parts

- Ope-Gum Sheet / SUG1002-T-SP 1 sheet

Training Method			
Incision	○	Suture	○
Periosteal dissection	○		

Oral Surgery Jaw Model [SUG1003-UL-SP-FEM-28]

- Various artificial lesions for performing oral surgery practices such as impacted tooth extraction, pus removal (incision) and torus removal
- Natural form teeth on the model which are fixed to a soft type gingiva material presuming periodontal membrane
- Gingiva designed to allow incisions and sutures
- Basic infiltration anesthesia practice is possible also

Articulator

FE SUG1003-UL-SP-FEM-28 D SUG1003-UL-SP-DM-28
DP SUG1003-UL-SP-DPM-28 NON SUG1003-UL-SP-HM-28

Training Method			
Anesthesia	○	Apicoectomy	○
Normal tooth extraction	○	Pus removal (incision)	○
Complicated tooth extraction	○	Torus removal	○
Impacted tooth extraction	○	Tooth ligation/Intermaxillary fixation	○
Replantation	○		

■Complicated Tooth Extraction

On the mandibular right wisdom tooth you can practice gingival incision, desquamation, tooth luxation, curettage and suture presuming complicated tooth extraction.

■Impacted Tooth Extraction

The mandibular left wisdom tooth is horizontally embedded so you can practice bone removal, crown/root division and extirpation presuming the extraction of impacted tooth.

■Torus Removal

The model has a torus on the buccal side of the maxillary left molar so you can perform incision, gingival flap and bone removal using mallets.

■Apicoectomy

Provides a soft type material presuming apical lesion on the maxillary right central incisor so you can do practice presuming bone removal, apicoectomy and lesion extirpation.

■Normal Tooth Extraction

With $\underline{61|16}$ $\overline{61|16}$ the tooth models are fixed with a soft type material presuming periodontal membrane, so you can practice various extraction movements.

■Pus Removal (incision)

The gingival transition area on the mandibular right lateral incisor area provides a liquid presuming pus, so you can practice operative procedures such as pus discharge and draining.

Tooth Extraction Model
[SUG2004-UL-SP-DM-28]

- Tooth extraction practice can be done on 6 maxillary teeth and 6 mandibular teeth
- Anatomically shaped extraction teeth are held in place in the socket by hot-melt (heated glue) with the right amount of resistance allowing realistic extraction
- Extraction pressure, direction and feel can be experienced at a more clinically accurate level
- Repeated practice can be done by using a special hot-melt glue gun (*please inquire for more information)

**This model cannot be used with the FE Articulator.*

X-Ray Simulator for Mastering Dental Radiography

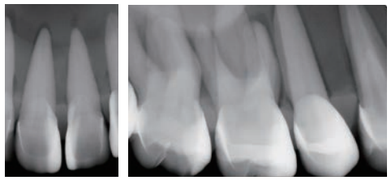
Tripod X-ray Manikin Set

- Ideally designed for efficiently and safely learning basic dental X-ray photography skills
- Designed for X-ray photography training using digital X-ray sensor and X-ray film
- Convenient for adjusting height and head positions

Pedo X-ray Mainikin Set

- Designed for pediatric radiography training
- Jaw model simulating the ⅢA stage
- The development condition of the permanent teeth can be captured

■Actual Photos from XRY1001-UL-SP-Z



•Photos provided by courtesy of International Islamic University Malaysia.

●Tripod X-ray Set Contents

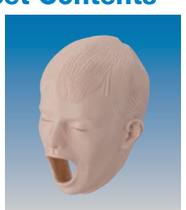
Manikin Head (Adult)

Adult Rubber Mask (Regular)

XRY1001-UL-SP-Z

●Pedo X-ray Set Contents

Manikin Head(Pedo)



Pedo Rubber Mask

XRY1003-UL-SP

●Common Set Contents

Tripod X-ray
Finger and Shaft

Tripod X-ray Manikin Tripod

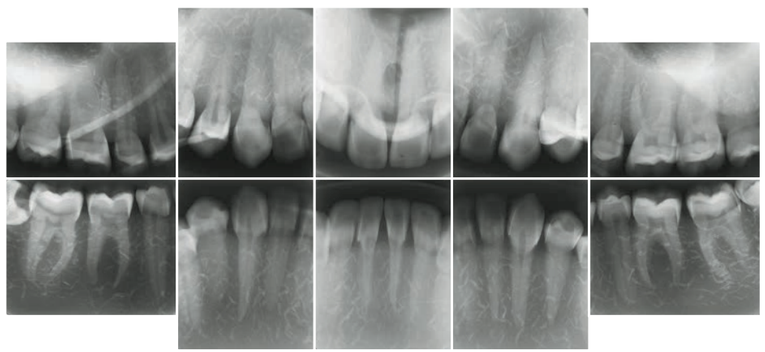
Tripod X-ray Manikin Carry Bag

X-Ray Phantom

- X-Ray simulator for practicing dental radiography use
- Jaw model allows the mastering of bisecting techniques
- Jaw model is X-Ray compatible
- Acquire basic X-Ray techniques such as film angle and projection angle for each area
- Free-moving finger arm allows you to hold the film at the position of your choice so you can practice 10 or 14 exposure techniques
- Phantom unit is stored inside the suitcase
- Can be set up on the chair or on its own easily

Training Method			
Bisecting Technique	○	Occlusal Projection	○

■10 Exposure Method



●Set Contents

Head Base Unit

Mask

Jaw Model P27-XR.1

Articulator

Desk Clamp Unit

Trunk Unit

The ORT (Orthodontics) Series for Mastering Various Techniques

By combining together the typodont tooth model, wax form and third party typodont articulators, you can do various typodont practice.

Combining the Typodont Practice Model

Tooth Model + Wax Form + Occluder

●Tooth Model

Typodont Tooth Model [B9-500]

•To easily fit the band and bracket, the crown portion is made of plastic and the root portion is made of metal

Parts

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

Typodont Tooth Model [B9-500D]

•Indentation provided on the facial surface for placing a bracket

Parts

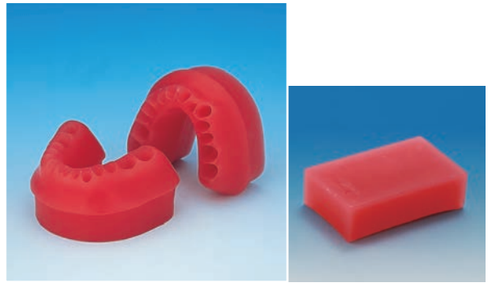
	17	16	15	14	13	12	11	21	22	23	24	25	26	27	
	47	46	45	44	43	42	41	31	32	33	34	35	36	37	

●Occluder

Typodont Occluder [YS-802A]

•Typodont occluder that can be attached to various ORT Wax Forms

●Wax Form



Wax Form [ORT Various Wax]

•Wax form based on the classification of Angle malocclusion

Variation

•ORT1001-UL-W-28 class Ⅰ
•ORT1002-UL-W-28 class Ⅱ division 1
•ORT1003-UL-W-28 class Ⅱ division 2
•ORT1004-UL-W-28 class Ⅲ
•ORT1005-UL-W-28 class Ⅰ (w/o second molar)

◦The wax block is included with the ORT Wax Form.

Examples of each wax form variation with B9-500 typodont teeth

•ORT1001-UL-W-28 class Ⅰ

•ORT1004-UL-W-28 class Ⅲ

•ORT1002-UL-W-28 class Ⅱ division 1

•ORT1005-UL-W-28 class Ⅰ (w/o second molar)

•ORT1003-UL-W-28 class Ⅱ division 2

Example of Practicing with the Typodont Practice Model

1) Attach the ORT various Wax Form to the Typodont Occluder by applying molten wax with an instrument. (use the included wax block)

2) Remove the jaws with the black base as pictured.

3) Dip the jaws into 55°C～60°C warm water.

4) Lift the jaws from the warm water and dip into cool water. Observe the result.

Resin Malocclusion Model
[ORT Various Resin]

- 1-color resin malalignment model based on the Angle's classification method
- 10 different classifications available (please refer to the chart on next page)

Plaster Model Mold (malocclusion)
[ORT Various Mold]

- A plaster model mold with the same dentition as the ORT Various Resin model series
- 10 different classifications available (please refer to the chart on next page)

Included

- Upper/Lower jaw 1 each

Other Training Areas
Orthodontics Area

ORT Various Resin / ORT Various Mold Figuration List

Model Number	Classification
ORT1006-UL-HD-28 / ORT1006-UL-MO-28	Normal Occlusion
ORT1007-UL-HD-28 / ORT1007-UL-MO-28	Class Ⅰ Reversed Occlusion
ORT1008-UL-HD-28 / ORT1008-UL-MO-28	Class Ⅰ Diastema
ORT1009-UL-HD-28 / ORT1009-UL-MO-28	Class Ⅰ Crowding
ORT1010-UL-HD-28 / ORT1010-UL-MO-28	Class Ⅱ Division 1 Deep Overbite
ORT1011-UL-HD-28 / ORT1011-UL-MO-28	Class Ⅱ Division 1 Crowding
ORT1012-UL-HD-28 / ORT1012-UL-MO-28	Class Ⅱ Division 2 Deep Overbite
ORT1013-UL-HD-28 / ORT1013-UL-MO-28	Class Ⅱ Division 2 Crowding
ORT1014-UL-HD-28 / ORT1014-UL-MO-28	Class Ⅲ Reversed Occlusion
ORT1015-UL-HD-28 / ORT1015-UL-MO-28	Class Ⅲ Reversed Occlusion

*Dentitions based on Angle's Classification.

ORT1006-UL-HD-28 Normal Occlusion

ORT1011-UL-HD-28 Class Ⅱ Division 1 Crowding

ORT1007-UL-HD-28 Class Ⅰ Reversed Occlusion

ORT1012-UL-HD-28 Class Ⅱ Division 2 Deep Overbite

ORT1008-UL-HD-28 Class Ⅰ Diastema

ORT1013-UL-HD-28 Class Ⅱ Division 2 Crowding

ORT1009-UL-HD-28 Class Ⅰ Crowding

ORT1014-UL-HD-28 Class Ⅲ Reversed Occlusion

ORT1010-UL-HD-28 Class Ⅱ Division 1 Deep Overbite

ORT1015-UL-HD-28 Class Ⅲ Reversed Occlusion

Injection Practice Models for Mastering the Anesthesia Area

Conduction Anesthesia Model
[SUG2005-UL-SP]

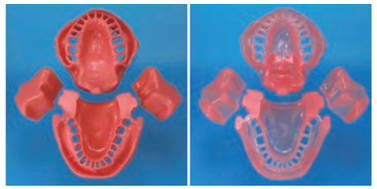
- 11 anesthetic contact sensor points, 7 in the upper jaw and 4 in the lower jaw
- Battery-powered audio signal and light signal indicates when correct position and angle injection is achieved. Audio signal can be turned off for testing and evaluation purposes.
- 1m electric cord connecting the model and indicator unit
- Indicator unit uses 2 AAA-size batteries (batteries not included)
- Optional clear pink upper and lower gingivas (included) allow view of injection, making it ideal for beginning students
- Easy attachment to the NISSIM Head allowing a more realistic training experience
- Comes with 32 removable anatomically shaped teeth

◦Always remove all teeth before peeling off the upper and lower gingiva. Please remove the gingivas in the following order: lower → upper → left TMJ → right TMJ.
◦The gingiva is very soft and fragile. Please use care when handling to avoid ripping.
◦DO NOT use water, anesthetic solution, or any other liquid when practicing injection on this model.
◦Injection syringe and needle are not included.
◦Dental simulator phantom is not included.

Replacement Parts
GINGIVA SUG2005-GUL-SP

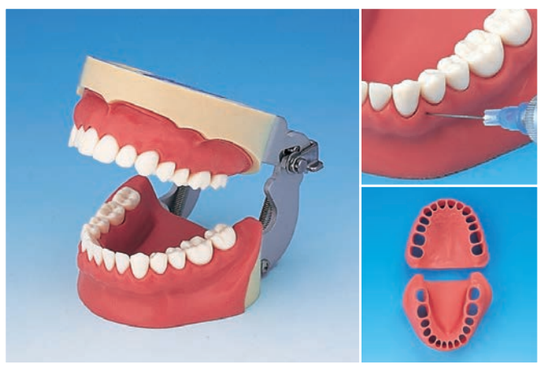
Training Method	
Conduction anesthesia	○

●Replacement Parts



Gingiva for SUG2005-UL
- 2 different colors to choose from

MODEL NAME
- Pink (SUG2005-GUL-SP)
- Clear pink (SUG2005-GUL-SCP)



Infiltration Anesthesia Jaw Model
[SUG1004-UL-SP-FEM-28]

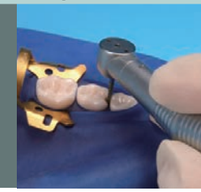
- Soft type gingiva allowing infiltration anesthesia practice
- Puncture marks do not remain, therefore allowing repeated injection practice

Articulator
FE SUG1004-UL-SP-FEM-28
D SUG1004-UL-SP-DM-28
DP SUG1004-UL-SP-DPM-28
NON SUG1004-UL-SP-HM-28

Replacement Parts
GINGIVA SUG1004-GUL-SP-28

Training Method	
Infiltration anesthesia	○

The PDI (Pediatric Dentistry) Series for practicing various techniques to master Pediatric Dentistry Treatments



Soft Gingiva Jaw Model (Mixed Dentition)
[D75FE-950]

- Pedo jaw model representing a 6-year old dentition
- Soft gingiva type model
- Mixed dentition with primary teeth and permanent teeth (permanent teeth are #16, #26, #36, #46)
- Suited for abutment and cavity preparation

Articulator
FE D75FE-950
D D75D-950
DP D75DP-950
NON D75HD-950

Replacement Parts
TOOTH Please refer to the pictures below.
GINGIVA 950-F-GSF

●Replacement Parts

Simple Root Tooth Model
(Primary Tooth) [A4A-900]

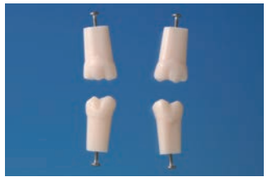
Parts

55	54	53	52	51	61	62	63	64	65
85	84	83					73	74	75

Simple Root Tooth Model
(Primary Tooth) [A4-900]

Parts

			82	81	71	72				

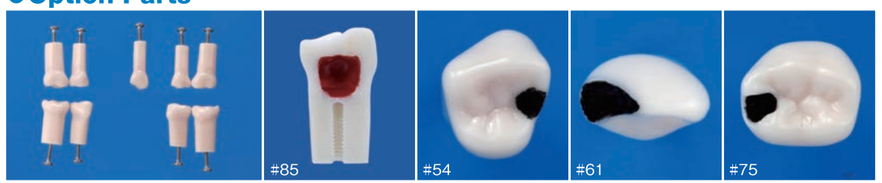


Simple Root Tooth Model
(Permanent Tooth) [A5A-500]

Parts

		16										26		
		46										36		

●Option Parts



Pedo Endodontic Tooth Model
[A12A Series]

- 9 Pediatric tooth models that have a pulp chamber with a red stained pulpal wall
- #54, #61, #75 teeth has caries condition

Parts

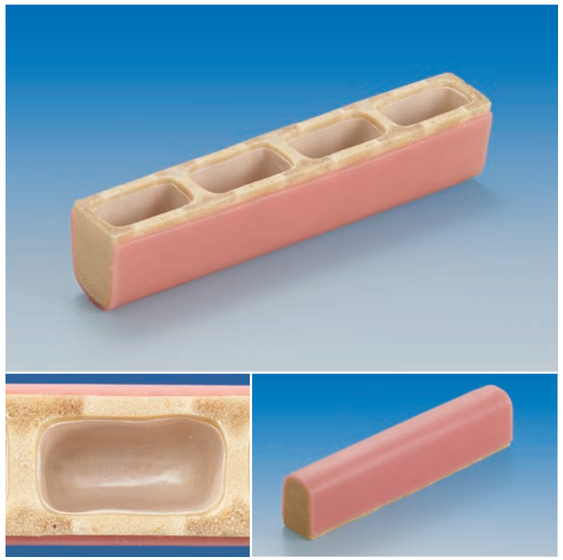
55	54				61			64	65
85	84							74	75

Other Areas

The Recurrent Training Series P82

Tooth Anatomy Area P84

The “Recurrent” Training Series for Mastering Sinus Lift, Apicoectomy, Impacted Tooth Extraction, and Pus removal. This series allows specific training multiple times with one model.



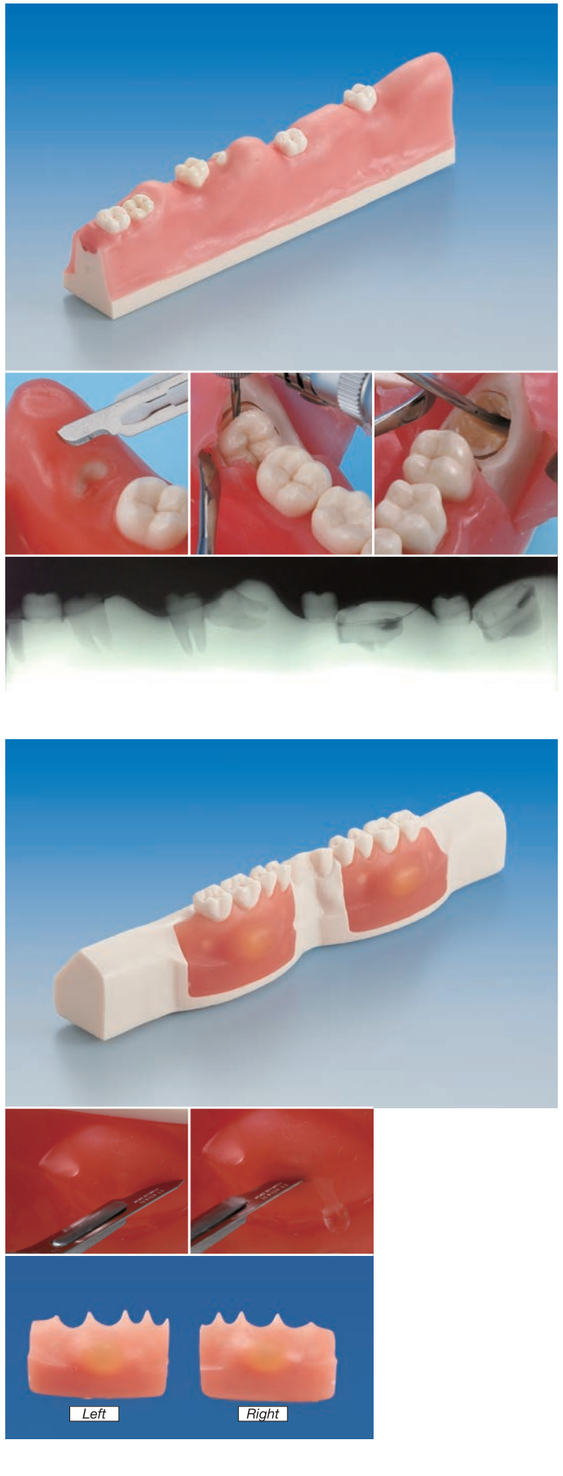
Sinus Lift Practice Model [IMP1036-T-SP]

- Training model for practicing sinus lift, socket lift and implant drilling & placement
- 4 identical upper sinus cavities are positioned side by side
- The sinus can be accessed from the alveolar crest and from both sides of the model
- The same technique can be repeatedly practiced on one model
- Model includes the Schneider membrane

Apicoectomy Practice Model [SUG1009-T-SP]

- Training model for practicing root end surgery on a periapical lesion
- The right side has periapical lesions on tooth numbers #11, 24, 26. The left side has periapical lesions on #35, #36, #44
- #11 has 1, #24 has 2 and #26 has 3 root furcations
- #35 has 1, #36 has 2 and #44 has 1 root furcation

※Example of similar practice done on model SUG1003 (P.67).



Impacted Tooth Extraction Model [SUG1010-T-SP]

- Training model for practicing #38 and #48 impacted wisdom tooth extraction
- Section 1: #48 half eruption, Section 2: #38 mesial impaction, Section 3: #48 horizontal impaction/partial eruption, Section 4: #38 complete horizontal impaction
- #37 tooth is part of the model base

※Example of similar practice done on model SUG1003 (P.67).

Abscess Incision/Suture Practice Model [SUG1008-T-EP]

- Training model for practicing abscess incision, pus removal and suturing
- Simulates the maxillary buccal right and left areas
- A retention area on the base allows the abscess gingiva to be removed from the base and replaced
- Model SUG1008-T-EP comes with 10 replacement abscess parts (5 right, 5 left) in one package, meaning that 12 abscess parts are included

Replacement Parts

- Pus Area (Right) / SUG2002-T-SP
- Pus Area (Left) / SUG2003-T-SP

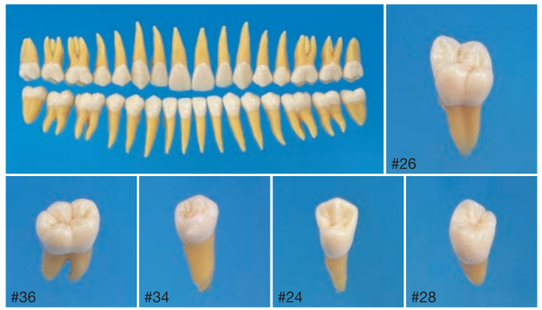
※Example of similar practice done on model SUG2001 (P.66).

The ANA (Tooth Anatomy) Series for Mastering Tooth Anatomy

Tooth Anatomy

The Tooth Anatomy Series lineup offers models with various shapes and forms. You can use these models as samples for learning anatomy, or for examples when doing tooth carvings or drawing sketches.

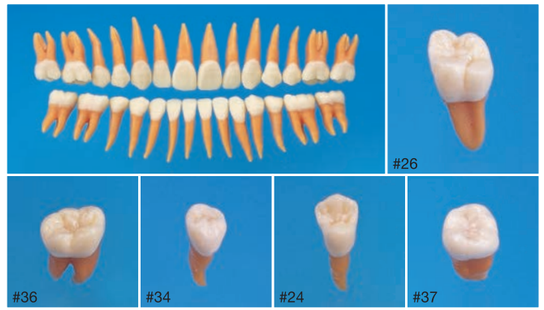
Normal Size Permanent Tooth Models



Anatomical Tooth Model [B3-305]

Parts

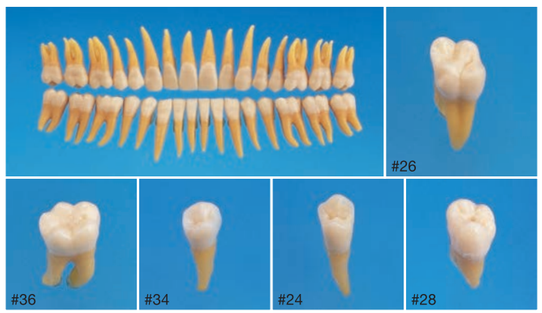
18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38



Anatomical Tooth Model [B2-306]

Parts

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



Anatomical Tooth Model [B3-SB.1]

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

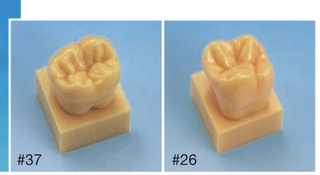
Enlarged Size Permanent Tooth Models

1.2X Size Tooth Model with Base (28 teeth) [C13-AT.31]

- 1.2X size enlarged tooth model depicting intricate anatomy in ivory color
- Ideal as a sample model for carving

Parts

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



2X Size Tooth Model (32 Set) [C12-AT.1A]

- 2X size enlarged tooth model up to 2/3 of the root portion

Parts

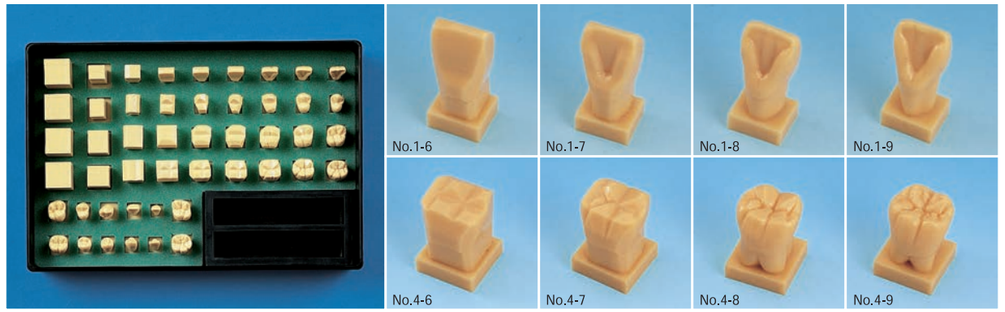
18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38

2.5X Size Anatomical Tooth Model (32 teeth) [B10-330]

- 2.5X size enlarged natural tooth reproduction tooth 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



Tooth Carving Step Model Kit (14, 16 teeth) [C11-TU.1]

- 1.5X size enlarged tooth carving step models showing the process of tooth carving in 9 steps up to the finished tooth
- Kit also includes 12 completed carving tooth models and a rubber mold that can pour two 20×20×100mm plaster carving models.

Kit Contents

- 4 areas 9 step models #16, #14, #11, #46
- Completed teeth #17, #14, #13, #12, #26, #47, #45, #44, #43, #42, #41, #36
- Plaster carving block rubber mold H 27 Size 20×20×100mm / can pour 2 blocks

4X Size Resin Tooth Model (L14set, R14set) [C3-304]

- A 4X enlarged sample model for doing tooth carving

Parts

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

4X Size Plaster Tooth Model Mold [H4-304]

- A plaster model rubber mold with the same shape as the 304 tooth models

Parts

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

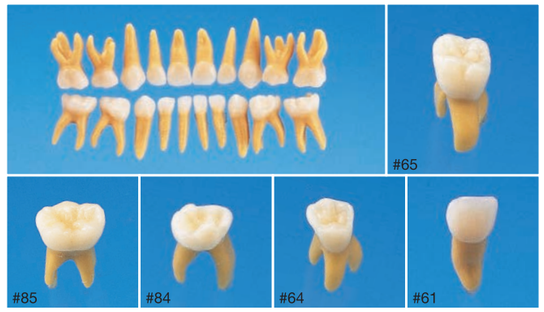
Primary Tooth Models

Anatomical Primary Tooth Model [B4-309B]

Parts

55	54	53	52	51	61	62	63	64	65	
85	84	83	82	81	71	72	73	74	75	

•Repracement Parts for PE-ANA003

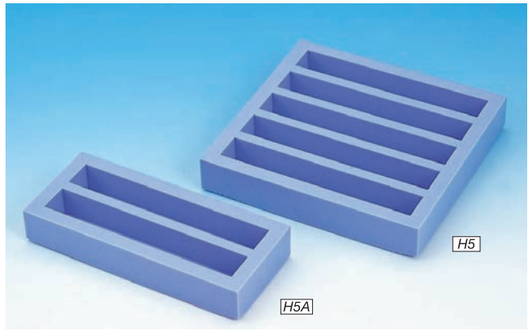


Anatomical Primary Tooth Model [B4-309]

Parts

55	54	53	52	51	61	62	63	64	65	
85	84	83	82	81	71	72	73	74	75	

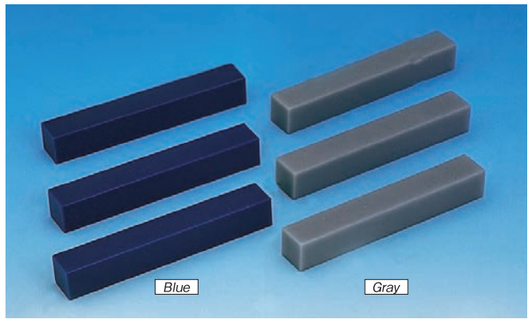
Carving Models



Plaster Carving Block Rubber Mold

[H5, H5A] (can pour 5 blocks)

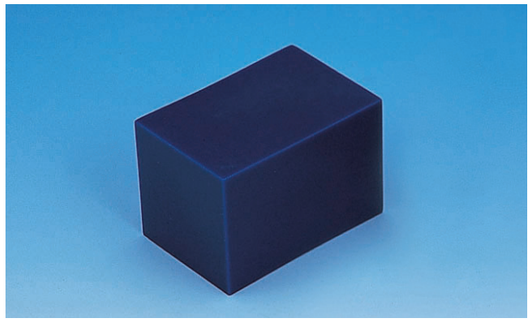
•Five 15×15×100mm size plaster blocks can be poured simultaneously
•The H5A can make two 15×15×100mm size plaster blocks



Wax Carving Block

[15X15X100mm] (5 blocks per set)

•A 15X15X100mm size wax carving block
•2 different colors to choose from, gray or blue



Wax Carving Block

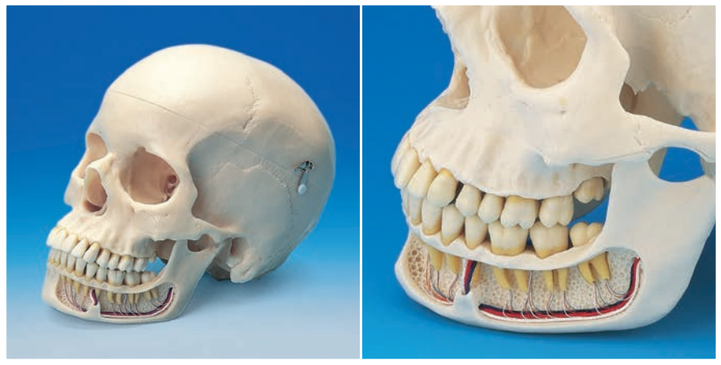
[40X40X60mm]

•A 40X40X60mm size wax carving block, blue in color

Skull

Skull Model [ANA1003-T]

•Dental skull model than can be divided into 3 parts
•Anatomical shaped teeth
•Calvaria and mandible bones are detachable



Skull Model [ANA1004-T]

•Skull model based on the ANA1003-T
•Exposed left mandible enables the observation of roots, nerves and mandibular tissue

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