Born in KYOTO

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 65 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.

Yours sincerely,
Koji Yuzoe
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.

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

Continuing education
Recruit training by using hands-on models to brush up your skills.
### TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Dental Simulator</th>
<th>Dental Study Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>NISSIM Type 2</td>
<td>Prosthetic Dentistry</td>
</tr>
<tr>
<td>NISSIM Type 1</td>
<td>Crown &amp; Bridge Area</td>
</tr>
<tr>
<td>NISSIM Type 1 Advance</td>
<td>Partial Denture Area</td>
</tr>
<tr>
<td>SIMPLE MANIKIN II</td>
<td>Implant Area</td>
</tr>
<tr>
<td>NISSIM Type 3</td>
<td>Edentulous Jaw Restorative Area</td>
</tr>
<tr>
<td></td>
<td>Stomatognathic Function Area</td>
</tr>
<tr>
<td></td>
<td>Conservative Dentistry</td>
</tr>
<tr>
<td></td>
<td>Operative Area</td>
</tr>
<tr>
<td></td>
<td>Endodontics Area</td>
</tr>
<tr>
<td></td>
<td>Periodontal Area</td>
</tr>
<tr>
<td></td>
<td>Scaling + Root Planing Area</td>
</tr>
<tr>
<td></td>
<td>Periodontal Surgery Area</td>
</tr>
<tr>
<td></td>
<td>Plaque Control Area</td>
</tr>
<tr>
<td></td>
<td>Other Training Areas</td>
</tr>
<tr>
<td></td>
<td>Oral Surgery Area</td>
</tr>
<tr>
<td></td>
<td>Radiation Area</td>
</tr>
<tr>
<td></td>
<td>Orthodontics Area</td>
</tr>
<tr>
<td></td>
<td>Anesthesia Area</td>
</tr>
<tr>
<td></td>
<td>Pediatric Area</td>
</tr>
<tr>
<td></td>
<td>Other Areas</td>
</tr>
<tr>
<td></td>
<td>The Recurrent Training Series</td>
</tr>
<tr>
<td></td>
<td>Tooth Anatomy Area</td>
</tr>
<tr>
<td></td>
<td>Gifts Area</td>
</tr>
</tbody>
</table>

**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 duplication 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:
  - Height: 62mm
  - Width: 77mm
  - Depth: 45mm

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.

Gingiva Type
- Pink
- Clear Pink
- Clear
- Hard

Articulator Type
- D
- DP
- FE
- Non (HM)
Prosthetic Restoration Jaw Model (32 teeth) [PRO2001UL-SP-FEM-32]
- Basic yet comprehensive training model - Nissin's standard flagship model
- Soft type replaceable gingivae: 4 types to choose from: pink, clear, pink, clear, pink, clear, pink for silicone impression taking
- A wide variety of restorative training is possible

Model number of other variations
- Shows other variations such as models with different articulators
- Replacement Parts

Model number of parts that are included in the product as standard equipment
- Shows components parts such as tooth models and gingivae that are pre-selected to the product

How to Read NISSIN's Model Number

Dental Notation System

Permanent Teeth (adult teeth)

Primary Teeth (baby teeth)

How to Remove and Attach the Tooth Model

1. Removing the Tooth Model

- Unscrew the fixing screw on the underside of the jaw model using the supplied screwdriver.
- Insert the tooth model in the proper position.

2. Attaching the Tooth Model

- Remove the tooth model.
- Tighten the fixing screws with a screwdriver.

3. After all the tooth models are tightly screwed in, close the articulator.
**Attaching and Removing the Articulator**

1. **How to remove the Articulator**
   - Use the supplied screwdriver and unscrew the 4 articulator screws.

2. **How to attach the Articulator**
   - Lightly tighten the 2 screws on the upper jaw.
   - Likewise, tightly tighten the lower jaw.
   - When the model is occluding, tighten the screws in the order shown in the picture.

3. **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 to use it with an articulator, please contact us.

---

**Attaching and Removing the Gingiva**

1. **How to remove the gingiva**
   - Remove every tooth model.

2. **How to attach the gingiva**
   - Carefully remove the gingiva.

3. **Fit the gingiva onto the model.**

4. **Insert the tooth models.**

5. **Fix the tooth models by tightening the fixing screw.**
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.

4 simulator types are available depending on purpose or function

<table>
<thead>
<tr>
<th>For fixed place use</th>
<th>For mobile use</th>
</tr>
</thead>
<tbody>
<tr>
<td>NISSIM Type 2</td>
<td>SIMPLE MANKIN I</td>
</tr>
<tr>
<td>NISSIM Type 1 Advance</td>
<td>SIMPLE MANKIN II</td>
</tr>
<tr>
<td>NISSIM Type 1</td>
<td></td>
</tr>
</tbody>
</table>

[Suggested mounting locations]
- Workbench
- Dental chair
- Mobile use

[Suggested situations]
- Training class
- Workshop
- Training at home
- Demonstration
NISSIM Type 2

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

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 coincides with the upper jaws.
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.

Features of NISSIM Type 2

- Model can be attached without an articulator, jaw is pivoted at 50mm open position.
- Can simulate actual patient jaw movement, jaw is pivoted at 22mm open position, [max., 2 fingers] (Please see the optional Intermediate Locking Device).

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 sites (included)
  - Type 2 Cheek Sheet [1 sheet, 8 pieces]
  - Type 2 Cheek Sheet Set (5 sheets, 40 pieces)

- Type 2 Oral Cavity Cover:
  - A hole opening is located in 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

- Model Adaptor Set:
  - For attaching models without magnet plates and plaster models
  - Comes with both upper and lower adaptors as pivoted

- 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 be opened or closed unless unlocked

Type 2 Basic Set

- NISSIM Head
- 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
NISSIM Type 1
- Functionable and affordable middle grade simulator
- For use with FE, D, and DP type articulators
- For beginners and intermediate students
- Faceto-toe training is possible
- Easy-to-use magnet change system

Features of NISSIM Type 1
1. Some kind of occlusal and jaw movement functions are 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 ROC/OP 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.

Type 1 Basic Set
NISSIM Head
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 (included)
  - Variation
  - Type 1 Cheek Sheet (1 sheet, 6 pins)
  - Type 1 Cheek Sheet Set (5 sheets, 30 pins)

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
- Allows real clinical situational training

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
  - Variation
  - 6 Type is for 24 teeth models
  - 4 Type is for 32 teeth models
- Some models cannot be attached to the articulator
- Yellow, brown (2 holes adjust upper maxillary bone to FE combination Articulator)
NISSIM Type 1 Advance

- Functional and affordable model 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 FEO 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 tighten 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 tighten the lever.

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

How to attach the Half Mask

1) Attach the Half Mask onto the head by putting 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 pin through the Half Mask hole 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 fix 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

ниSSIМ Head, Articulator and Mask are NOT included

Compact Torso
- Can be used with NISSIM Head
- Lightweight and compact
- Torso gives a more lifelike appearance during training
- Accessory: Torso Holder L (to help lock the Torso)

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

Articulator and Mask are NOT included
NISSIM Set needed for using accessories on P25

- **Type 1 Basic Set**
  - NISSIM Head
  - NISSIM Type 1 Articulator
  - NISSIM Mask
  - Water Waste Pan

- **Type 2 Basic Set**
  - NISSIM Head
  - NISSIM Type 2 Articulator
  - NISSIM Mask

- **Type 1 Advance Basic Set**
  - NISSIM Head
  - NISSIM Type 1 Articulator Advance
  - Half Mask

---

**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
  - Compact Design can be attached
  - To use, raise the phantom head by rotating the unit

- **Desk Clamp Unit**
  - For mounting on the workbench with the use of the Desk Clamp
  - Clamp accommodates desks 10 to 40 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 screw necessary
  - Rubber mounting head not included

- **Rail Unit**
  - Can be installed on the side wall of the workbench and slides out on the rail when in use
  - The phantom head can be stored under the workbench when not in use
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 check protective strips to prevent skin from contact.
- The SIMPLE MANIKIN III is used for models without a rigid palate or screw hole.
- The manikin is used for models with a rigid palate and screw hole.
- SIMPLE MANIKIN III is designed for use in dentistry or 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 with a PPD articulator and having magnetic pliers or thread hole in the center of the model can be attached onto SIMPLE MANIKIN III as they are.
- Jaw models without PPD or other articulators and plaster models can be attached onto SIMPLE MANIKIN III with the optional PPD Combination Articulators.

How to adjust occlusion on SIMPLE MANIKIN III
- 1) Attach the upper jaw model with the PPD 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.
- (Please read the supplied instruction manual for more detailed information.

SIMPLE MANIKIN III set

SIMPLE MANIKIN III
- Bench Mount: Desktop thickness must be within 20-65mm, and depth must be 60mm 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 technical 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 PPD articulator is completely inside the Oral Cavity Cover.
- Provides a realistic oral cavity environment allowing real clinical situation training.
- Type 3 Magnetic Plots 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.
- Comes with the Model Adaptor SPM III, which is especially designed for the SIMPLE MANIKIN III.
- Other model adaptors are not for the SIMPLE MANIKIN III.
NISSIM Type 3

- Super high-grade simulator with various occlusal and jaw movement functions
- Adjustable occlusal function that offers more lifelike jaw movement compared to Type 2
- Recommended for instructors of clinics and courses
- Face-bow training is possible
- Easy-to-use magnet change system

Features of NISSIM Type 3

1. Various occlusal and jaw movement functions similar to NISSIM Type 2.
2. Skull allows intricate adjustment of the jaw angle and position; the angle can be adjusted from 0° to 45°.
3. One-touch easy removal of models.

Type 3 Basic Set

NISSIM Head

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

Prosthetic Dentistry

Crown & Bridge Area

Partial Denture Area

Implant Area

Edentulous Jaw Restorative Area

Stomatognathic Function Area
Mastering the area of Crown & Bridge Restoration. The PRO (Prosthodontic) 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 PRO 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 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 contact and margin for temporary and final prosthesis, and from prosthesis fitting to occlusal adjustment.

Expanding Training Uses with Optional Tooth Models

Bridge Abutment Preparation / A249
By combining with the Defect Plug A249 which allows changing the defective condition of the dentition slowly, it is possible to do a bridge abutment tooth preparation that requires a parallel preparation of the abutment tooth.

A more practical preparation training / A20A
By replacing the tooth model with the A20A 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 / A27A
By replacing with the A27 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.

Replacing Parts

Gingiva for PRO2001-UL
4 different colors to choose from:
- [MODEL NAME] (PRO2001-UL-404045)
- [Clear PRO2001-UL-404045]

Gingiva for PRO2001-UL-UP
Suitable for silicone impression material:
- [MODEL NAME] (PRO2001-UL-UP-32)

Simple Root Tooth Model (Permanent Teeth) [ASA-200]
- Articulator
  - [PRO2001-UL-SP-FEM-32]
  - [PRO2001-UL-SP-DEM-32]
  - [PRO2001-UL-SP-PLA-32]

- Replacement Parts
  - [Simple Root Tooth Model / ASA-200] Parts : 32 teeth
    - [PRO2001-UL-SP-AM-32]

Prosthetic Restoration Jaw Model (32 teeth) [ASA-200]
- Articulator
  - [PRO2001-UL-SP-FEM-32]
  - [PRO2001-UL-SP-DEM-32]
  - [PRO2001-UL-SP-PLA-32]

- Replacement Parts
  - [Simple Root Tooth Model / ASA-200] Parts : 32 teeth
    - [PRO2001-UL-SP-AM-32]

Prosthetic Restoration Jaw Model (11 teeth) [ASA-100]
- Articulator
  - [PRO2001-UL-SP-FEM-32]
  - [PRO2001-UL-SP-DEM-32]
  - [PRO2001-UL-SP-PLA-32]

- Replacement Parts
  - [Simple Root Tooth Model / ASA-200] Parts : 32 teeth
    - [PRO2001-UL-SP-AM-32]

Hand Gingiva Jaw Model (32 teeth) [ASA-200]
- Articulator
  - [PRO2001-UL-SP-FEM-32]
  - [PRO2001-UL-SP-DEM-32]
  - [PRO2001-UL-SP-PLA-32]

- Replacement Parts
  - [Simple Root Tooth Model / ASA-200] Parts : 32 teeth
    - [PRO2001-UL-SP-AM-32]
**Prosthetic Restoration Jaw Model** (28 teeth)

**Articulator:**
- PR02002-UL-SP-FEM-28
- PR02002-UL-SP-DM-28
- PR02002-UL-SP-PM-28
- PR02002-UL-SP-IM-28

**Replacement Parts**:
- Simple Root Tooth Model / ASA-200 Parts: 28 teeth
- PR02002-GUL-SP-28

**Variation**

**Prosthetic Restoration Jaw Model (28 teeth)**

**Articulator**
- PR02002-UL-SP-FEM-28
- PR02002-UL-SP-DM-28
- PR02002-UL-SP-PM-28
- PR02002-UL-SP-IM-28

**Replacement Parts**
- Simple Root Tooth Model / ASA-200 Parts: 28 teeth
- PR02002-GUL-SP-28

**Gingiva for PR02002-UL**
- A different color to choose from.

**Model Name**
- MOL (PR02005-UL-JR-28)
- Blue (PR02005-UL-SP-28)
- Red (PR02005-UL-JR-28)
- Green (PR02005-UL-JR-28)

**Training Method**

<table>
<thead>
<tr>
<th>Training Method</th>
<th>Adjustment tooth preparation</th>
<th>Caries preparation</th>
<th>Prophylaxis tooth preparation</th>
<th>Gingival preparation</th>
<th>Impression tooth preparation</th>
<th>Fine tooth preparation</th>
</tr>
</thead>
<tbody>
<tr>
<td>PR02002-UL-SP-FEM-28</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>PR02002-UL-SP-DM-28</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>PR02002-UL-SP-PM-28</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>PR02002-UL-SP-IM-28</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

**Option Parts**

**Tongue Model** (Type-1)
- Designed for practicing tongue removal
- The tongue is held in place by a clip on the back of the model
- Can also be attached to most models with some adhesive

<table>
<thead>
<tr>
<th>Training Method</th>
<th>Adjustment tooth preparation</th>
<th>Caries preparation</th>
<th>Prophylaxis tooth preparation</th>
<th>Gingival preparation</th>
<th>Impression tooth preparation</th>
<th>Fine tooth preparation</th>
</tr>
</thead>
<tbody>
<tr>
<td>PR02002-UL-HDFEM-28</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>PR02002-UL-HDCM-28</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>PR02002-UL-HDPM-28</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>PR02002-UL-HDM-28</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

**2-Layered Tooth Model** (28 teeth)
- A layered construction simulating the crowned and dentin hardness and consistency
- Anatomical crown and a simple straight root design
- Suits for all purpose use, easy and good for root preparation

**Deficit Plug** (28 teeth)
- Fits into the tooth socket to transform the PR02001 Series jaw model to have a deficit condition

**Plaster Model Mold**
- Mold for making the 32 teeth PR02001 Series plaster models
Abutment - Cavity Preparation Tooth Model
[ASA & ADA Series]
- 14 of the 150 teeth are ASA Series, which are made of a different material than the ASA Series.
- 150 different pre-prepared tooth preparations to choose from including Class 1-5, jacket, veneer, full crown, etc.
- Utilized for abutment fabrication, temporary and final prosthesis fabrication, and impression taking practice with prepared teeth saves time.
- Parts: Please refer to the list on Fig. 34-35.
- Due to production process, slight color variation may occur.
- Use care when handling teeth to avoid damage.

Option Parts

Lower Jaw (Left)  Lower Jaw (Right)

#31  UL77A (Jacket)  UL77B (Non-Crown)

#32  UL77C (Non-Crown)

#33  UL78A (Jacket)  UL78B (Non-Crown)

#34  UL78C (Non-Crown)  UL78D (Non-Crown)

#35  UL79A (Jacket)  UL79B (Non-Crown)

#36  UL79C (Non-Crown)  UL79D (Non-Crown)

#37  UL79E (Non-Crown)

#38  UL79F (Non-Crown)

#39  UL79G (Non-Crown)

#40  UL79H (Non-Crown)

#41  UL79I (Non-Crown)

#42  UL79J (Non-Crown)

#43  UL79K (Non-Crown)

#44  UL79L (Non-Crown)

#45  UL79M (Non-Crown)

#46  UL79N (Non-Crown)

#47  UL79O (Non-Crown)

#48  UL79P (Non-Crown)

#49  UL79Q (Non-Crown)

#50  UL79R (Non-Crown)

#51  UL79S (Non-Crown)

#52  UL79T (Non-Crown)

#53  UL79U (Non-Crown)

#54  UL79V (Non-Crown)

#55  UL79W (Non-Crown)

#56  UL79X (Non-Crown)

#57  UL79Y (Non-Crown)

#58  UL79Z (Non-Crown)
### Replacement Parts

**Caries Tooth Model [A774 Type]**
- A total of 22 various caries conditions to choose from on a 2-layered enamel/dentin tooth.
- Suitable for exposing, caries, and cavity/dentin tooth preparation.
- Parts: Please refer to the picture list below.

<table>
<thead>
<tr>
<th>Lower Jaw (Left)</th>
<th>Lower Jaw (Right)</th>
</tr>
</thead>
<tbody>
<tr>
<td>#34</td>
<td></td>
</tr>
<tr>
<td>#35</td>
<td></td>
</tr>
<tr>
<td>#36</td>
<td></td>
</tr>
<tr>
<td>Upper Jaw (Left)</td>
<td>Upper Jaw (Right)</td>
</tr>
<tr>
<td>#21</td>
<td></td>
</tr>
<tr>
<td>#24</td>
<td></td>
</tr>
<tr>
<td>#26</td>
<td></td>
</tr>
</tbody>
</table>

---

**Preparation Plate [TI-PP (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.
- The design on actual product may differ from image.

**Plaster Model Mold (32 teeth) [PRO2001-UL-MO-32]**
- A rubber plaster mold with the same form as the PRO2001 Series jaw.
- Made for making plaster models.
- Most teeth models can be set in the Plaster Model Mold.
- Each jaw is sold separately.

**How to Use**
1. Lightly spray wax pattern cleaner or débublizer to prevent air bubbles from forming.
2. Plant the tooth model that will be used in the plaster mold.
3. Steadily 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.

**Model Adaptor Set**
- For attaching models without magnet plates and plaster models.
- For NISIM Type 2
- Can be attached to the NISIM Type 2

---

**FE Combination Articulator**
- This articulator allows plaster models and models without an articulator to be attached to the NISIM Type 1.

---

*Specifications (for reference) subject to change without notice.*
Fair Grader 100

Student evaluation is the key to success in teaching and training students to prepare them for clinical practice. Nissin’s Fair Grader 100, a computerized grading system, enables objective and fair evaluation of the student’s performance, replacing the subjective evaluations conducted by the instructor.

Unique Features of Fair Grader 100

- **300,000 Point Cloud Data**
  - Scans very small cavities, and generates 3D images using a 300,000 point (approx.) cloud data.

- **Registering original master teeth**
  - Instructors can easily register their own original master teeth that they prepared. In addition, 60 types of master teeth have been pre-registered to start using Fair Grader 100 immediately.

- **Consolidated data management**
  - Allows students and instructors to be registered individually. This allows you to easily manage and search data.

- **3D Viewer**
  - Helps students clearly visualize and understand tooth preparation works. The ability to observe horizontal and vertical sections of tooth images enables you to identify differences between a master tooth and student’s prep teeth.

- **Cavity preparation**
  - Preparing teeth online.

- **Abutment preparation**
  - Preparing teeth online.

- **Square measurement**
  - Measuring teeth’s thickness.

- **Angle measurement**
  - Measuring Tooth’s angle.

- **PDF Outputs**
  - Students can store their results. Grading results are saved as PDF data, it helps students review their work.

- **Scannable / Gradable Tooth Preparation Types with the FG100**
  - Class 1 cavity preparation
  - Class 2 cavity preparation
  - Crown preparation

- **UNIQUE feature**
  - Can scan/scan and gradate 3D teeth models for teaching.

Other features

- **Reduced time and collective grading**
  - Fair Grader 100 performs batch processing of calibrations after tooth scanning.

- **Intuitive operation screen**
  - Unified design ensures easy operation.

- **Limited access ensures safety and security**
  - Student E permit students to only access their own grading results.

- **Large storage capacity holds approx. 10,000 scans**
  - Data is stored on a T18 HDD.

How to Grade

1. A student creates cavities and abutments while viewing the master teeth.
2. Places the prep tooth on the scanner and press Start button.
3. Using the 3D viewer, instructors can determine differences between the student’s prep and master teeth, or output PDF data and distribute grading results.

Components

- Fixing jig set for teeth models
- 3D scanner
- Monitor
- PC main unit

Dimension of 3D scanner

- **Height**
  - 3D scanner: 160mm
  - Monitor: 245mm

- **Depth**
  - 3D scanner: 160mm
  - Monitor: 190mm

Main specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power source/ Voltage</td>
<td>Single phase 100V – 240V × 10% (5000mA)</td>
</tr>
<tr>
<td>Input current</td>
<td>AC100V: 65.8A</td>
</tr>
<tr>
<td></td>
<td>AC200V: 64.4A</td>
</tr>
<tr>
<td>Temperature</td>
<td>0°C – 40°C</td>
</tr>
<tr>
<td>Humidity</td>
<td>35% – 85% (no condensation)</td>
</tr>
<tr>
<td>OS</td>
<td>Windows 7 Ultimate</td>
</tr>
<tr>
<td>Dimension 2D scanner</td>
<td>W160 x D190 x H200mm</td>
</tr>
<tr>
<td>Monitor</td>
<td>W190 x D330 x H400mm</td>
</tr>
<tr>
<td>PC main unit</td>
<td>W160 x D245 x H450mm</td>
</tr>
<tr>
<td>Weight</td>
<td>Approx. 1kg</td>
</tr>
<tr>
<td>3D scanner</td>
<td>Approx. 1kg</td>
</tr>
<tr>
<td>PC main unit</td>
<td>Approx. 1kg</td>
</tr>
</tbody>
</table>
Mastering the Partial Denture Restorative Area. MIS (Missing Teeth) 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 affixing and removing the tooth models 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 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 model.
*Due to the hard type gingiva gum variation 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 / A25 Series**
By combining with the A25 Series that have a pre-prepared abutment and cavity, it is possible to practice fabricating temporary/final prostheses, and do contact and margin adjustments, prostheses fitting and occlusal adjustments.

**Removing Softened Dentin / A27**
By reducing the A27 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.

---

**Hard Gingiva Jaw Model (MIS-HD Series)**
- 18 maxillary and 18 mandibular hard gingiva models representing various defect conditions
- Any combination of upper and lower models can be used for training, or they can be used individually.
- Defect conditions are more accurately and naturally represented compared to models using Defect Plug (ASA-040).
- Various cases can be represented by combining with the separately sold abutment and cavity preparation teeth

**Replacement Parts**
- Simple Floss Tooth Model / ASA-200 Parts : 32 teeth
*The teeth are fixed to the models by screws and a magnetic clip is attached.*
*Please use the FE construction information to select the model in AHSF type 1.*
*Please refer to the table on Fig.6-46 for defect conditions.*

---

**Plaster Jaw Model (MIS-PL Series)**
- Plaster model version of the MIS Series
*Please refer to the table on Fig.6-46 for defect conditions.*

**Plaster Model Mold (MIS-MD Series)**
- Rubber mold with the same form as the MIS Series
- Each jaw is sold separately
*Please refer to the table on Fig.6-46 for defect conditions.*

---

**FE Combination Articulator**
- The articulator allows plaster models and models without an articulator to be attached to the NEDGF Type 1

**Variation**
- 62 type is for 28 teeth models
- 63 type is for 32 teeth models
- Some models cannot be attached to this articulator
- Different square 150 type adjust models with the FE Combination Articulator

---

**Model Adaptor Set**
- For attaching models without magnet plates and plaster models
- For NEDGF Type 2

**Variation**
- 62 type is for 28 teeth models
- 63 type is for 32 teeth models
Defect Variation

The variations shown in P42-P43 apply to MIS-HD, PL and MO Series.

MIS 2001
Parts
- M2001-A-HD-M32
- M2001-A-PL-M32
- M2001-A-MO-M32

Variation
- M2001-A-HD-M32
- M2001-A-PL-M32
- M2001-A-MO-M32

MIS 2002
Parts
- M2002-A-HD-M32
- M2002-A-PL-M32
- M2002-A-MO-M32

Variation
- M2002-A-HD-M32
- M2002-A-PL-M32
- M2002-A-MO-M32

MIS 2003
Parts

Variation

MIS 2004
Parts

Variation

MIS 2005
Parts

Variation

MIS 2006
Parts
- M2006-A-HD-M32
- M2006-A-PL-M32
- M2006-A-MO-M32

Variation
- M2006-A-HD-M32
- M2006-A-PL-M32
- M2006-A-MO-M32

MIS 2007
Parts
- M2007-A-MO-M32

Variation
- M2007-A-MO-M32

MIS 2008
Parts
- M2008-A-MO-M32

Variation
- M2008-A-MO-M32

MIS 2009
Parts
- M2009-A-HD-M32
- M2009-A-PL-M32
- M2009-A-MO-M32

Variation
- M2009-A-HD-M32
- M2009-A-PL-M32
- M2009-A-MO-M32

MIS 2010
Parts
- M2010-A-HD-M32
- M2010-A-PL-M32
- M2010-A-MO-M32

Variation
- M2010-A-HD-M32
- M2010-A-PL-M32
- M2010-A-MO-M32

MIS 2011
Parts
- M2011-A-MO-M32

Variation
- M2011-A-MO-M32

MIS 2012
Parts
- M2012-A-HD-M32
- M2012-A-PL-M32
- M2012-A-MO-M32

Variation
- M2012-A-HD-M32
- M2012-A-PL-M32
- M2012-A-MO-M32

MIS 2013
Parts
- M2013-A-HD-M32
- M2013-A-PL-M32
- M2013-A-MO-M32

Variation
- M2013-A-HD-M32
- M2013-A-PL-M32
- M2013-A-MO-M32

MIS 2014
Parts

Variation

MIS 2015
Parts
- M2015-A-HD-M32
- M2015-A-PL-M32
- M2015-A-MO-M32

Variation
- M2015-A-HD-M32
- M2015-A-PL-M32
- M2015-A-MO-M32

MIS 2016
Parts
- M2016-A-HD-M32
- M2016-A-PL-M32
- M2016-A-MO-M32

Variation
- M2016-A-HD-M32
- M2016-A-PL-M32
- M2016-A-MO-M32

MIS 2017
Parts
- M2017-A-HD-M32
- M2017-A-PL-M32
- M2017-A-MO-M32

Variation
- M2017-A-HD-M32
- M2017-A-PL-M32
- M2017-A-MO-M32

MIS 2018
Parts
- M2018-A-MO-M32

Variation
- M2018-A-MO-M32
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 incisal 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 lift, 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 #4 can be removed to check whether there is any damage on the root after training
• Pre-treatment diagnosis can be practiced by downloading the panoramic 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

Articular
• IMP5003-UL-SP-DEM
• IMP5003-UL-SP-DPM
• IMP5003-UL-SP-DEM
• IMP5003-UL-SP-DPM

Replacement Parts
• Implant Socket [IMP5003-1]
• Surgical Stent [IMP5003-1A]

Replacement Tooth Model, Other Replacement Parts

Implant Socket [IMP5003-1]

Surgical Stent [IMP5003-1A]
Implant Training Jaw Model
[IMP1001-UJL-H1D]
• 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
IMP1001-UJL-SP-FRM
IMP1001-UJL-SP-DPM
IMP1001-UJL-SP-HIM

Replacement Parts
2-Layered Tooth Model / A2GA-500 Parts: 2 parts of #45, #34
Simple Root Tooth Model / A54-A100 Parts: 2 parts of #44, #43
Implant Socket / IMP1002-T-SP
Partial Denture Socket / IMP1002-T-4HD

Training Methods

Drilling Training Model
[IMP1003-UJL-H1D]
• Mandibular jaw model for basic drilling training
• The model material duplicates Type II ~ III hardness

Bone Material: duplicating Type II ~ III hardness
Training Method
Inclusion
Lateral window technique
Exclusion
Restoration inclusion
Grafting
Implant insertion
Grafting
Agnate impression
Grafting

Implant Training Jaw Model
[IMP1006-UJL-S-P]
• Mandibular jaw model for self-tapping training for mini implant insertion
• The model material consists of a 2-layered construction duplicating Type II hardness
• Identifiable jaw for overdenture training

Bone Material: duplicating Type II (II layered construction)
Training Method
Inclusion
Lateral window technique
Exclusion
Restoration inclusion
Grafting
Implant insertion
Grafting
Agnate impression
Grafting

Sinus Lift Training Model
[IMP1007-UJL-S-P]
• Jaw model for sinus lift training
• The bone thickness of the posterior area is 3mm on the left side and 4mm on the right side for lateral osteotomy method training
• Schneiderian membrane is made of thin material

Bone Material: duplicating Type III (III layered construction)
Training Method
Inclusion
Lateral window technique
Exclusion
Restoration inclusion
Grafting
Implant insertion
Grafting
Agnate impression
Grafting

Replacement Tooth Models, Optional Tooth Models

2-Layered Tooth Model [A2GA-500]
• A 2-layered construction tooth simulating the enamel and dentin hardness and consistency
• Teeth are provided to the model
Parts: 2 parts of #45, #34

Simple Root Tooth Model (Permanent Tooth) [A54-A100]
• Anatomical form crown and a simple straight root design
• Teeth are provided to the model
Parts: 2 parts of #44, #43

Implant Socket [IMP1001-UJL-SP]
• Replacement socket for doing comprehensive implant training

Partial Denture Socket [IMP1002-T-4HD]
• Replacement socket for doing partial denture training
**Bone Graft Training Model**

- 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 irritation bone placement (2g) and irritation membrane (5 sheets)

**Bone Material:** Duploed type III/II layered construction

**Teeth model:** removable acrylic teeth model (with root only)

**Training Method**
- Incision: Lateral window technique
- Relatation incision: Open type
- Full-thickness flap: Flap
- Incision alveolar ablation: Bone graft
- Suture: Hemisection
- Drilling: Immediate implant placement
- Implant insertion: Surgical guide plate
- Alginates impression: Fabrication of superstructure

---

**Implant Comprehensive Training (Maxillary Jaw)**

**Implant Comprehensive Training (Mandibular Jaw)**

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

**Bone Material:** Duploed type III/II layered construction

**Teeth model:** removable acrylic teeth model

**Other:** Socket type

---

**Basic Implant Training Model**

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

**Artificial**

- Grind (with periodontal for use in incision / alveolar
- Bone Material: Duploed type III/II layered construction
- Teeth model: 1-piece form construction (part of jaw model)
- Alginates: Flap

---

**Training Method**
- Incision: Lateral window technique
- Relatation incision: Open type
- Full-thickness flap: Flap
- Incision alveolar ablation: Bone graft
- Suture: Hemisection
- Drilling: Immediate implant placement
- Implant insertion: Surgical guide plate
- Alginates: 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 occlusal teeth arrangement.

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 foramina 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-MAO. Also, by combining with the optional N Series Wax Rim and EDE1001 model, you can practice bite taking method using a mannequin.

Artificial Teeth Arrangement

By using the EDE1001-UL-MAO 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

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

<table>
<thead>
<tr>
<th>Table of Wax Rim Types</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAX</td>
</tr>
<tr>
<td>76'</td>
</tr>
</tbody>
</table>

Replacement Parts

Wax Rim [N-AHE]
- Designed to fit the Edentulous Jaw Model Series
The Stomatognathic model, based on the skull model, can reproduce jaw movements in 3-dimensional form, so it becomes easier to understand complex protractive/retractive, 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 protractive, 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

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

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

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

Rubber Dam Isolation Technique (Dry-Field)
To allow easy attachment of the rubber dam clamp, the gingiva is lowered and the gum area is exposed. Also, the embrasure is made wider so it is easier to attach mantle 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 impression to impression taking.

Expanding Training Uses with Optional Tooth Models

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

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

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

Operative Jaw Model (12 teeth)
[CON2001-UL-SP-SP-FEM-32]
- Basic yet comprehensive training model
- Soft type replaceable gingiva: 2 types to choose from (pink, pink for silicone impression taking)
- A wide variety of operative training is possible
- A wider facial gingival area compared to the PKC2001 allows you to practice various operative techniques

Articulator

Replacement Parts
Simple Root Tooth Model / ASA-200 Parts : 32 teeth
CON2001-UL-SP-32

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

Articulator
CON2001-UL-JUP-FEM-32

Replacement Parts
Simple Root Tooth Model / ASA-200 Parts : 32 teeth
CON2001-UL-JUP-32

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

Articulator
CON2001-UL-HD-FEM-32

Replacement Parts
Simple Root Tooth Model / ASA-200 Parts : 32 teeth
CON2001-UL-HD-32

Gingiva for CON2001-UL-SP
- MODEL NAME
+ CON2001-UL-SP-FEM-32

Gingiva for CON2001-UL-UP
- MODEL NAME
+ CON2001-UL-UP-FEM-32

Variation

Replacement Method
Abutment tooth preparation  ○
Cavity preparation ○
Frenum tooth tray fabrication ○
Gingival retraction ○
Alginic combination impression ○
Silicone impression ○
Temporary provisional fabrication ○
Final provisional fabrication ○

Training Method
Cavity preparation ○

Simple Root Tooth Model (Permanent Tooth) / ASA-100
- Anatomical form crown and a simple straight root design
- Suits for abutment tooth and cavity preparation
- Teeth subraces provided with the CON 2001 Series jaw model

Parts

Simple Root Tooth Model / ASA-200 Parts: 32 teeth

- Subtotal per piece is not possible.
Endodontic Tooth Model (A12A-200)
- A single root tooth model based on the A5A-200 with a pulp chamber and a root canal.
- Pulpal walls are stained red to allow easy viewing of preparation conditions such as during root canal enlargement.
- By combining with the COM Series model, you can practice pulp chamber opening, rubber dam attachment, root canal enlargement and root canal filling.

Parts:
- Interior view
- Root canal
- Root canal filling
- Root canal length measurement

Training Method:
- Opening of the pulp chamber: 0.5
- Root canal enlargement: 1.0
- Root canal filling: 1.5
- Root canal length measurement: 0.5

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

Parts:
- Interior view
- Root canal
- Root canal filling
- Root canal length measurement

Training Method:
- Cavity preparation: 1.5

Endodontic Tooth Model (S12A-200)
- Pulp chamber and root canal are stained red.
- The root portion is transparent so it is easy to check the preparation condition.

Parts:
- Interior view
- Root canal
- Root canal filling
- Root canal length measurement

Training Method:
- Opening of the pulp chamber: 1.0
- Root canal enlargement: 1.0
- Root canal filling: 1.5
- Root canal length measurement: 0.5

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 root 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 canal as well as models with crowns attached allow practicing basic root canal treatment technique methods while experiencing the feeling during root canal preparation.

Jaw Model-mounted Type Practice Models: B Series
The natural root form B Series allows for a more clinical root canal treatment practice. Basic models with natural tooth root and root canal are available. The models also allow you to feel the different cutting characteristics and is X-ray compatible.
Root Canal Model [S7 Series]
- Pulb chamber and root canal inside a transparent block with a crown attached on top.
- A silicone bulb is added to the apical foramen to help understand the feeling during perforation.
- Suits for preliminary practice of opening the pulb chamber, root canal enlargement, and root canal filling.
- The rubber walls are stained red so it is easy to see and check the positioning of the reamers and files.

Variation
- Maxillary Central Incisor / S7-61
- Maxillary First Premolar / S7-46

Training Method
- Opening of the pulb chamber
- Root canal enlargement
- Root canal filling
- Root canal length measurement

Root Canal Model [S8 Series]
- Various types of root canals available in a transparent block.
- Various central incisors of differing degrees of curvature inside a transparent block.
- 3 different degrees of curvature to choose from 10°, 20°, and 30°.
- A silicone bulb is added to the apical foramen to help understand the feeling during perforation.

Variation
- 10° curvature / S8-10
- 20° curvature / S8-20
- 30° curvature / S8-30

Root Canal Model [S5 Series]
- Various types of root canals in a transparent block.
- A silicone bulb is added to the apical foramen to help understand the feeling during perforation.

Variation
- Maxillary Central Incisor / S5-61
- Maxillary First Molar / S5-66

Root Canal Model [S6 Series]
- Various types of root canals in a transparent block.
- A silicone bulb is added to the apical foramen to help understand the feeling during perforation.

Variation
- Maxillary Central Incisor / S6-61
- Maxillary First Molar / S6-66

Root Canal Model [S1 Series]
- Various types of root canals available in a transparent block.
- Various central incisors of differing degrees of curvature inside a transparent block.
- 3 different degrees of curvature to choose from 10°, 20°, and 30°.

Variation
- 10° curvature / S1-10
- 20° curvature / S1-20
- 30° curvature / S1-30

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

Root Canal Model [E-EDN01 Series]
- Stimulates the sensation felt during apical perforation.
- Each type has a stained and an unstained version.

Variation
- 30° curvature / E-EDN01012-30x#30
- 35° curvature / E-EDN01013-35x#30

Root Canal Model [E-EDN011 Series]
- Stimulates the sensation felt during apical perforation.
- Each type has a stained and an unstained version.

Variation
- 45° curvature / E-EDN01101-45x#45
- 55° curvature / E-EDN01102-55x#55

Root Canal Model [E-EDN012 Series]
- Stimulates the sensation felt during apical perforation.
- Each type has a stained and an unstained version.

Variation
- 60° curvature / E-EDN01201-60x#60
- 70° curvature / E-EDN01202-70x#70

Root Canal Model [E-EDN013 Series]
- Stimulates the sensation felt during apical perforation.
- Each type has a stained and an unstained version.

Variation
- 65° curvature / E-EDN01301-65x#65
- 80° curvature / E-EDN01302-80x#80

Root Canal Model [E-EDN014 Series]
- Stimulates the sensation felt during apical perforation.
- Each type has a stained and an unstained version.

Variation
- 70° curvature / E-EDN01401-70x#70
- 90° curvature / E-EDN01402-90x#90

Root Canal Model [E-EDN015 Series]
- Stimulates the sensation felt during apical perforation.
- Each type has a stained and an unstained version.

Variation
- 80° curvature / E-EDN01501-80x#80
- 90° curvature / E-EDN01502-90x#90

Root Canal Model [E-EDN016 Series]
- Stimulates the sensation felt during apical perforation.
- Each type has a stained and an unstained version.

Variation
- 90° curvature / E-EDN01601-90x#90
- 100° curvature / E-EDN01602-100x#100
Anatomical Pulp Cavity & Root Model
[B22X Series]

- A natural root form tooth model with anatomical pulp cavity
- X-ray imaging ability
- Difference in cutting depth 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

<table>
<thead>
<tr>
<th>Training Method</th>
<th>Measured using X-ray method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opening of the pulp chamber</td>
<td>O</td>
</tr>
<tr>
<td>Root canal arrangement</td>
<td>O</td>
</tr>
<tr>
<td>Root canal length measurement</td>
<td>O</td>
</tr>
<tr>
<td>Root canal filing</td>
<td>O</td>
</tr>
</tbody>
</table>

Related Products

Root Canal Length Measurement Model [CKH/R/11L/H0]

- Alleviates 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.

How to use the Root Canal Length Measurement Model

1. Perform pulp chamber portion on the tooth model and draw the outline of the root canal.
2. Apply the MFC paste to the adjacent internal area of the tooth model and let it dry for about half a day.
3. Fill the MFC paste and slowly insert the tooth into the appropriate socket of the jaw model.
4. Plant the prepared tooth model into the jaw model and fix it with utility wax.
5. Attach the introduced cord by weaving it into the terminal of the electronic apex locator patient side.

Electric Conductive Paste [NK-1]

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

| Volume | 12g |

*Take two or three paste to apply to three or four teeth.*
Periodontal Jaw Model [PER2002-UL-SP-FEM-28]
- Periodontally modified training model allowing comprehensive practice of various periodontal treatment techniques.
- Advanced periodontal disease seen throughout the model such as hyperplasia, gingival cuff and gingival recession.
- Calcified buccal root of 1st molar with a super-erupted upper left 1st molar.
- Accessory calculus on root surfaces for calculus removal practice.
- The upper left posterior region shows post-surgical condition for comparison.

Replacement Parts

|-------------|---------------------|---------------------|---------------------|

<table>
<thead>
<tr>
<th>Root Fumigation Tooth Model</th>
<th>B1A-004</th>
</tr>
</thead>
<tbody>
<tr>
<td>PER2002-UL-SP-GP-28</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Display Method</th>
<th>Gingiva for PER2002-UL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pruning</td>
<td>Tooth surface polishing</td>
</tr>
<tr>
<td>Exploring*</td>
<td>Pulpal control*</td>
</tr>
<tr>
<td>Scaling**</td>
<td>Aggressive combination impression</td>
</tr>
<tr>
<td>Root Fumigation*</td>
<td>Silicone impression</td>
</tr>
<tr>
<td>Root Surgery</td>
<td>Free Gums or Rootet</td>
</tr>
<tr>
<td>Peritonitis</td>
<td>Guided Tissue Regeneration Method</td>
</tr>
<tr>
<td>Root Fumigation Diagnosis</td>
<td>Fumigation Plastic</td>
</tr>
<tr>
<td>Root Amputation</td>
<td></td>
</tr>
</tbody>
</table>

* when using practice by conducting with the dental calculus bar
** when using practice by conducting with Artificial Fissures

Anatomical Simple Root Tooth Model [B1A Series]
- Made of left or right model with dental calculus.
- Anatomical root form on 1/3 of the root with no calculus.
- Made from a softer material than the ASA tooth model.
- Comes pre-fitted with the PER2002 model.

Parts

Gingiva for PER2002-UL
- 3 different types to choose from
- Smooth, shiny
- Pink (PER2002-UL-SP-PK-28)
- Clear (PER2002-UL-SP-CL-28)
- Nylon fiber (typically mimics gingival tissue) (PER2002-UL-SP-NL-28)

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
- PER1001-UL-SP-FEM-32
- PER1001-UL-SP-DPM-32
- PER1001-UL-SP-HM-32

Replacement Parts
- PER1001-UL-SP-GP-32

Anatomical Single Root Tooth Model [B1A-010C]
- PER1001-UL-SP-GP-32

Flap Surgery
- You can do incision, coronopexy, and suture practice using various methods presuming flap surgery. Also, since the tooth models are pre-pressed with dental calculus, you can do root planing presuming post-flap surgery procedure.

Root Amputation
- Flap surgery is performed on #41, #42, #46, and allows hamation and extraction presuming root amputation.

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.

Tunnel Preparation
- On #46, #51, Flap surgery is performed on #36, then it is possible to do tunnel preparation which prevents reinfection on the alveolar bone.

Replacement Parts

Anatomical Simple Root Tooth Model [B1A-010C]
- Made of left or right model with dental calculus.
- Anatomical root form on 1/3 of the root with no calculus.
- Made from a softer material than the ASA tooth model.
- Comes pre-fitted with the PER1001 model.

Parts

Gingiva for PER1001-UL
- 2 different colors to choose from
- Pink (PER1001-UL-SP-PK-32)
- Clear (PER1001-UL-SP-CL-32)
Plaque Control Area

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

<table>
<thead>
<tr>
<th>Training Method</th>
<th>Tooth surface polishing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brushing</td>
<td></td>
</tr>
<tr>
<td>Flossing</td>
<td></td>
</tr>
</tbody>
</table>

Other Training Areas

- Oral Surgery Area  P68
- Radiation Area    P70
- Orthodontics Area P72
- Anesthesia Area   P76
- Pediatric Area    P77
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 (revision).

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
- Slightly simulates the gingival region
- The sheet is replaceable
- Contents of Kit
  - Base 1, Ope-Gum Sheet / SUG1002-T-SP: 1 sheet
  - Ope-Gum Sheet / SUG1002-T-SP: 1 sheet

Incision/Pus Removal Model
[SUG2001-UL-SP-FEM-28]
- Upper jaw is designed to allow incision and pus removal practice
- Lower jaw allows basic infiltration anesthesia and tooth preparation in order
- Upper jaw has 2 areas with pus-like fluid imbedded allowing pus discharge and drainage practice
- Easily replaceable pus area
- Replacement Parts
  - Pus Area (Right) / SUG2003-T-SP
  - Pus Area (Left) / SUG2003-T-SP
  - Simple Root Tooth Model / ASA-200
  - Gingiva / PRG002-4-01-SP-28

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)
- The model can be used with the PES extraction

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 tonsil removal
- Natural form teeth on the model which are fixed to a soft type gingiva material simulating periodontal membrane
- Gingiva designed to allow incisions and sutures
- Basic infiltration anesthesia practice is possible also
- Anesthesia
  - Local anesthesia
  - Sedation
  - General anesthesia

Implanted Tooth Extraction
- Implant with bone graft
- Extraction with/without sinus lifting

Complicated Tooth Extraction
- On the mandibular right wisdom tooth you can practice gingival incision, de-epithelialization, tooth luxation, curettage and suture by using complicated tooth extraction.
- 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 blades.

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

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.
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

![Photo provided by faculty of international dental University Magana.](image)

**Set Contents**
- Manikin Head (Adult)
- Adult Rubber Mask (Regular)
- XRY1001-UL-SP-Z
- Tripod X-ray Manikin Finger
- Tripod X-ray Manikin 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

<table>
<thead>
<tr>
<th>Exposure Method</th>
<th>Bisecting Technique</th>
<th>Disto-Central Projection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Set Contents**
- Head Base Unit
- Mask
- Jaw Model P27-XR1.1
- Articulator
- Desk Clamp Unit
- Trunk Unit
The ORT (Orthodontics) Series for Mastering Various Techniques

**Tooth Model**

Tooth Model (p.1401)
- To create the clinical and aesthetic effects, the crown portion is made of plastic and the root portion is made of metal.

**Occluder**

Occluder (p.1404)
- Type of 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-W2-28: class I, division 1
- ORT1002-UL-W2-28: class II, division 2
- ORT1004-UL-W2-28: class III (maxilla second molar)
- The maxilla is traced with the ORT Wax Form

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

1. ORT1001-UL-W2-28, class I
2. ORT1002-UL-W2-28, class II
3. ORT1004-UL-W2-28, class III (maxilla second molar)

**Example of Practicing with the Typodont Practice Model**

1. Attach the ORT various Wax Form to the Typodont Comfort by applying the wax with an instrument. (Use the included wax block)
2. Remove the jaws with the V-bent base as picture.
3. Dip the jaws into 65~68°C warm water.
4. Lift the jaws from the warm water and dip into cold 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)

ORT Various Resin / ORT Various Mold Figuration List

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORT1006-UL-HD-28</td>
<td>ORT1006-A-LJ-AD-28</td>
</tr>
<tr>
<td>ORT1008-UL-HD-28</td>
<td>ORT1008-A-LJ-AD-28</td>
</tr>
<tr>
<td>ORT1009-UL-HD-28</td>
<td>ORT1009-A-LJ-AD-28</td>
</tr>
<tr>
<td>ORT1010-UL-HD-28</td>
<td>ORT1010-A-LJ-AD-28</td>
</tr>
<tr>
<td>ORT1011-UL-HD-28</td>
<td>ORT1011-A-LJ-AD-28</td>
</tr>
<tr>
<td>ORT1012-UL-HD-28</td>
<td>ORT1012-A-LJ-AD-28</td>
</tr>
<tr>
<td>ORT1013-UL-HD-28</td>
<td>ORT1013-A-LJ-AD-28</td>
</tr>
</tbody>
</table>

*Dependent on Angle’s classification.*
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 gingiva (not included) allow view of injection, making it ideal for beginning students.
- Easy attachment to the NIBSMM Head allowing more realistic training experience.
- Comes with 32 removable anatomically shaped teeth.
- Quick release jaw for easy removal of the upper and lower lip. Please remove the gingiva in the following order: lower lip, upper lip, lower lip.
- The student can use a mirror to see the palate of the model during injections.
- NOT to be used with nitrous oxide or any other gases when practicing injection on this model.
- Some optional accessories are not included.

Replacement Parts
- SUG2005-UL-SP

Infiltration Anesthesia Jaw Model
[SUG1004-UL-SP-2M-28]
- Soft type gingiva allowing infiltration anesthesia practice.
- No puncture marks do not remain, therefore allowing repeated infiltration practice.

Replacement Parts
- SUG1010-UL-SP-2M-28
- SUG1010-UL-SP-3M-28
- SUG1010-UL-SP-4M-28

Soft Gingiva Jaw Model (Mixed Dentition)
[PD1001-UL-SP-4M]
- Pedo jaw model representing a 6-year old dentition.
- Soft type gingiva.
- Mixed dentition with primary teeth and permanent teeth (permanent teeth are #16, #26, #36, #46).
- Suits for abutment and cavity preparation.

Replacement Parts
- Please refer to the pictures below.

Pedo Plaster Jaw Model [4 teeth]
[PD1001-UL-AP]
- Rubber model for making the PD1001-UL study model base.
- Includes Upper/Lower jaw 1 each.

Simple Root Tooth Model
(Primary Teeth) [AIA-100]

Replacement Parts

Simple Root Tooth Model
(Primary Teeth) [AIA-400]

Option Parts

Pedo Endodontic Tooth Model
(AIA Teeth)
- Pedo teeth models with a pulp chamber and root canal that has a red stained pulp chamber.
- #44, #47, #41 teeth has canals condition.
- #44, #47, #41 teeth has canals condition.
Other Areas

- The Recurrent Training Series: P80
- Tooth Anatomy Area: P82
- Gifts Area: P86
**Sinus Lift Practice Model** [IMP1036-T-SP]
- Training model for practicing sinus lift, socket lift and implant drilling & placement.
- 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** [SUG1003-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 #36 has 3 root canals.
- #35 has 1, #36 has 2 and #44 has 1 root canal.

---

**Impacted Tooth Extraction Model** [SU01010-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.
- #31 tooth is part of the model base.

---

**Abscess Incision/Suture Practice Model** [SU01009-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 gingly to be removed from the base and replaced.
- Model SU01009-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 / SU02002-T-SP
- Pus Area Left / SU02003-T-SP

---

*Example of similar practice done on model SUG1003-T-SP.*
The ANA (Tooth Anatomy) Series for Mastering Tooth Anatomy

Tooth Anatomy
The ANA Series has 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 (B6-205)
Parts: 826, 824, 823, 822, 820, 819, 817

Anatomical Tooth Model (B6-206)
Parts: 827, 825, 823, 822, 820, 819, 817

Anatomical Tooth Model (B6-881)
Parts: 802, 801, 800, 799, 798, 797, 796

Enlarged Size Permanent Tooth Models

1.2X Size Tooth Model with Base (B6-141) (C15-A2.01)
- 1.2X size enlarged tooth model depicting midscale anatomy in ivory color
- Ideal as a sample model for carving

2X Size Tooth Model (B6-504) (C10-A2.14)
- 2X size enlarged tooth model molded up to 1/3 of the root portion

2.5X Size Anatomical Tooth Model (B6-269) (B10-320)
- 2.5X size enlarged natural tooth reproduction tooth model

Tooth Carving Step Model Kit (B6, 14 teeth) (C11-T01.01)
- Includes 12 completed carving tooth models and a rubber mold that can pour two 20x20x100mm plaster carving models.
- Kit contents:
  - 12 engraved tooth models: #16, #14, #11, #6
  - Complete teeth: #17, #14, #13, #12, #26, #47, #46, #43, #42, #41, #36
  - Plaster carving blank rubber mold: H27 Size 20x20x100mm / can pour 2 blocks

4X Size Resin Tooth Model (B6-145x) (C12-A2.00)
- 4X enlarged sample model for doing tooth carving

4X Size Plaster Tooth Model Mold (B6-034)
- 4X plaster model rubber mold with the same shape as the 304 tooth models
Skull Model [ANA1003-T]
- Dental skull model than can be divided into 2 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

Plaster Carving Block Rubber Mold [H5, H5A] (can pour 5 blocks)
- Five 15x15x100mm size plaster blocks can be poured simultaneously
- The H5A can make two 15x15x100mm size plaster blocks

Wax Carving Block [15X15X100mm] (5 blocks per set)
- A 15x15x100mm size wax carving block
- 5 different colors to choose from: gray or blue

Wax Carving Block [40X40X60mm]
- A 40x40x60mm size wax carving block, blue in color
NISSIN Denture Puzzle
• A small jigsaw puzzle with illustrated dentition
• A great gift for anyone

NISSIN Denture Strap
[P30-4(Clear Blue)]  [P30-4(Clear)]  [P30-4(Clear Pink)]
• A miniature denture model strap
• 3 types of colors
• A great gift for anyone
NISSIN DENTAL PRODUCTS INC.
Kameoka Plant 22-1 Miyabayashi, Asahi-cho, Kameoka-shi, Kyoto Japan
has been assessed and certified as meeting the requirements of
ISO 9001:2008

For the following activities
1. Design and manufacture of dental study model
2. Design, development, manufacture, import and sales of dental materials
3. Design, development, manufacture of cosmetics

Further clarifications regarding the scope of this certificate and the applicability of
ISO 9001:2008 requirements may be obtained by consulting the organization.

This certificate is valid from 26 May 2014 until 26 May 2017 and
remains valid subject to satisfactory surveillance audits.
Re-certification audit due before 26 May 2017
Issue 6 Certified since 26 May 2008.

This is a multi-site certification.
Additional site details are listed on the subsequent pages.

Authorised by

SGS United Kingdom Ltd Systems & Services Certification
Romstone Business Park Eton North Expansion, Slough SL3 9EN, UK
Tel: +44 (0) 1753 502966 Fax: +44 (0) 1753 502960 www.sgs.com
SGS 9001-01 0111

Page 1 of 2