

Prosthetic Dentistry



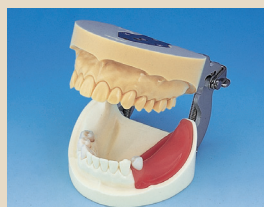
Crown & Bridge Area

P30



Partial Denture Area

P40



Implant Area

P44



Edentulous Jaw Restorative Area P50



Stomatognathic Function Area P52

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

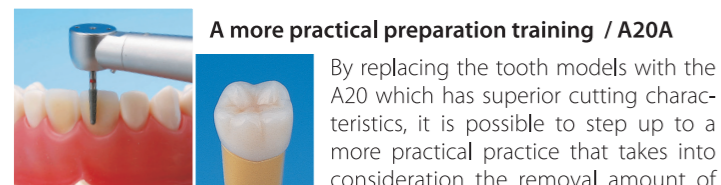
There is a soft type and a hard type model for the gingiva, and those fitted with the soft type gingiva allows for a complete training from gingival retraction to impression taking.



Fitting the Prosthesis

Tooth models with abutment tooth and cavity preparation allows for complete and consistent practice such as adjusting the 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 / 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.

Bridge Abutment Preparation / A2A-240

By combining with the Deficit Plug A2A-240 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.



Prosthetic Restoration Jaw Model (32 teeth) [PRO2001-UL-SP-FEM-32]

- Basic yet comprehensive training model - Nissin's standard flagship model
- Soft type replaceable gingiva - 4 types to choose from (pink, clear pink, clear, pink for silicone impression taking)
- A wide variety of restorative training is possible

- Articulator**
- FE** PRO2001-UL-SP-FEM-32
 - D** PRO2001-UL-SP-DM-32
 - DP** PRO2001-UL-SP-DPM-32
 - NON** PRO2001-UL-SP-HM-32
- Replacement Parts**
- TOOTH** Simple Root Tooth Model / A5A-200 Parts : 32 teeth
 - GINGIVA** PRO2001-GUL-SP-32

•Variation



Prosthetic Restoration Jaw Model (32 teeth) [PRO2001-UL-SCP-FEM-32]

- Articulator**
- FE** PRO2001-UL-SCP-FEM-32
 - D** PRO2001-UL-SCP-DM-32
 - DP** PRO2001-UL-SCP-DPM-32
 - NON** PRO2001-UL-SCP-HM-32

- Replacement Parts**
- TOOTH** Simple Root Tooth Model / A5A-200 Parts : 32 teeth
 - GINGIVA** PRO2001-GUL-SCP-32



Prosthetic Restoration Jaw Model (32 teeth) [PRO2001-UL-SC-FEM-32]

- Articulator**
- FE** PRO2001-UL-SC-FEM-32
 - D** PRO2001-UL-SC-DM-32
 - DP** PRO2001-UL-SC-DPM-32
 - NON** PRO2001-UL-SC-HM-32

- Replacement Parts**
- TOOTH** Simple Root Tooth Model / A5A-200 Parts : 32 teeth
 - GINGIVA** PRO2001-GUL-SC-32



Prosthetic Restoration Jaw Model (32 teeth) [PRO2001-UL-UP-FEM-32]

- Articulator**
- FE** PRO2001-UL-UP-FEM-32
 - D** PRO2001-UL-UP-DM-32
 - DP** PRO2001-UL-UP-DPM-32
 - NON** PRO2001-UL-UP-HM-32

- Replacement Parts**
- TOOTH** Simple Root Tooth Model / A5A-200 Parts : 32 teeth
 - GINGIVA** PRO2001-GUL-UP-32



Hard Gingiva Jaw Model (32 teeth) [[PRO2001-UL-HD-FEM-32]]

- Articulator**
- FE** PRO2001-UL-HD-FEM-32
 - D** PRO2001-UL-HD-DM-32
 - DP** PRO2001-UL-HD-DPM-32
 - NON** PRO2001-UL-HD-HM-32

- Replacement Parts**
- TOOTH** Simple Root Tooth Model / A5A-200 Parts : 32 teeth
- * Subgingival practice is not possible.*

Training Method	PRO2001-UL-SP-FEM-32	PRO2001-UL-SCP-FEM-32	PRO2001-UL-SC-FEM-32	PRO2001-UL-UP-FEM-32	PRO2001-UL-HD-FEM-32
Abutment tooth preparation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cavity preparation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Personal tooth tray fabrication	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Gingival retraction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Alginate combination impression	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Silicone impression	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Temporary prosthesis fabrication/fitting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Final prosthesis fabrication/fitting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

•Replacement Parts



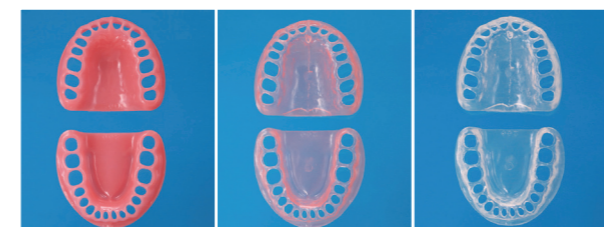
Simple Root Tooth Model (Permanent Tooth) [A5A-200]

- Anatomical form crown and a simple straight root design
- Suited for abutment tooth and cavity preparation
- Teeth set comes pre-fitted with the PRO2001 Series jaw model

Parts

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

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



Gingiva for PRO2001-UL

- 3 different colors to choose from

- MODEL NAME**
- Pink (PRO2001-GUL-SP-32)
 - Clear pink (PRO2001-GUL-SCP-32)
 - Clear (PRO2001-GUL-SC-32)



Gingiva for PRO2001-UL-UP

- Suited for silicone impression taking

- MODEL NAME**
- PRO2001-GUL-UP-32



Prosthetic Restoration Jaw Model (28 teeth)

[PRO2002-UL-SP-FEM-28]

- Basic yet comprehensive training model - NISSIN's standard flagship model
- Soft type replaceable gingiva - 4 types to choose from (pink, clear pink, clear, pink for silicone impression taking)
- A wide variety of restorative training is possible

Articulator

FE PRO2002-UL-SP-FEM-28 D PRO2002-UL-SP-DM-28
 DP PRO2002-UL-SP-DPM-28 NON PRO2002-UL-SP-HM-28

Replacement Parts

TOOTH Simple Root Tooth Model / A5A-200 Parts : 28 teeth
 GINGIVA PRO2002-GUL-SP-28

SP

Variation



Prosthetic Restoration Jaw Model (28 teeth) [PRO2002-UL-SCP-FEM-28]

Articulator
 FE PRO2002-UL-SCP-FEM-28
 D PRO2002-UL-SCP-DM-28
 DP PRO2002-UL-SCP-DPM-28
 NON PRO2002-UL-SCP-HM-28

Replacement Parts
 TOOTH Simple Root Tooth Model / A5A-200 Parts : 28 teeth
 GINGIVA PRO2002-GUL-SCP-28



Prosthetic Restoration Jaw Model (28 teeth) [PRO2002-UL-SC-FEM-28]

Articulator
 FE PRO2002-UL-SC-FEM-28
 D PRO2002-UL-SC-DM-28
 DP PRO2002-UL-SC-DPM-28
 NON PRO2002-UL-SC-HM-28

Replacement Parts
 TOOTH Simple Root Tooth Model / A5A-200 Parts : 28 teeth
 GINGIVA PRO2002-GUL-SC-28



Prosthetic Restoration Jaw Model (28 teeth) [PRO2002-UL-UP-FEM-28]

Articulator
 FE PRO2002-UL-UP-FEM-28
 D PRO2002-UL-UP-DM-28
 DP PRO2002-UL-UP-DPM-28
 NON PRO2002-UL-UP-HM-28

Replacement Parts
 TOOTH Simple Root Tooth Model / A5A-200 Parts : 28 teeth
 GINGIVA PRO2002-GUL-UP-28



Hard Gingiva Jaw Model (28 teeth) [PRO2002-UL-HD-FEM-28]

Articulator
 FE PRO2002-UL-HD-FEM-28
 D PRO2002-UL-HD-DM-28
 DP PRO2002-UL-HD-DPM-28
 NON PRO2002-UL-HD-HM-28

Replacement Parts
 TOOTH Simple Root Tooth Model / A5A-200 Parts : 28 teeth
 * Subgingival practice is not possible.

Training Method	PRO2002-UL-SP-FEM-28	PRO2002-UL-SCP-FEM-28	PRO2002-UL-SC-FEM-28	PRO2002-UL-UP-FEM-28	PRO2002-UL-HD-FEM-28
Abutment tooth preparation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cavity preparation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Personal tooth tray fabrication	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Gingival retraction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Alginate combination impression	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Silicone impression	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Temporary prosthesis fabrication/fitting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Final prosthesis fabrication/fitting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Replacement Parts



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

- Anatomical form crown and a simple straight root design
- Suited for abutment tooth and cavity preparation
- Teeth set comes pre-fitted with the PRO2002 Series jaw 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	36	37

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



Gingiva for PRO2002-UL

- 3 different colors to choose from
- MODEL NAME**
- Pink (PRO2002-GUL-SP-28)
 - Clear pink (PRO2002-GUL-SCP-28)
 - Clear (PRO2002-GUL-SC-28)



Gingiva for PRO2002-UL-UP

- Suited for silicone impression taking
- MODEL NAME**
- PRO2002-GUL-UP-28

Option Parts

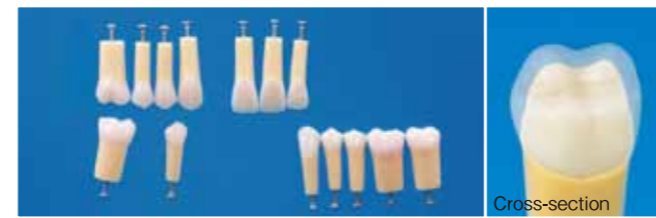


Tongue Model [Z-1]

- 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 soft gingiva.



*Jaw model not included.



2-Layered Tooth Model [A20A-200]

- A 2-layered construction simulating the enamel and dentin hardness and consistency
- Anatomical form crown and a simple straight root design
- Suited for abutment tooth, cavity and laminate veneer preparation

Parts

16	15	14	13	11	21	22							
46	44						33	34	35	36	37		

Training Method	
Abutment tooth preparation	<input type="radio"/>
Laminate veneer preparation	<input type="radio"/>
Cavity preparation	<input type="radio"/>



Deficit Plug (32 teeth) [A2A-240]

- Fits into the tooth socket to transform the PRO2001 Series jaw model dentition to have a deficit condition

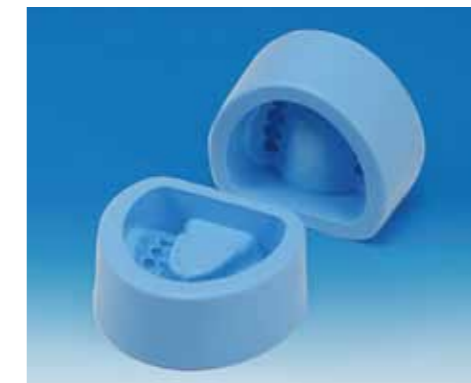
Parts

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



Plaster Jaw Model [PRO2001-UL-PL-32]

- PRO2001 Series plaster model with 32 teeth



Plaster Model Mold [PRO2001-UL-MO-32]

- Mold for making the 32 teeth PRO2001 Series plaster models

Option Parts



Abutment - Cavity Preparation Tooth Model [A25A & A21A Series]

- 14 of the 130 teeth are A21A Series, which are made of a different material than the A25A.
- A total of 130 various pre-prepared tooth preparations to choose from including Class 1-5, jacket, veneer, full crown, etc.
- Suited for abutment fabrication, temporary and final prosthesis fabrication, and impression taking practice
- Pre-prepared teeth saves time

Parts : Please refer to the list on Pg.34-35.

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

Lower Jaw (Left)

#31				
#32				
#33				
#34				
#35				
#36				
#37				

Lower Jaw (Right)

#41					
#42					
#43					
#44					
#45					
#46					
#47					

Upper Jaw (Left)

#21					
#22					
#23					
#24					
#25					
#26					
#27					

Upper Jaw (Right)

#11					
#12					
#13					
#14					
#15					
#16					
#17					

● Replacement Parts



Caries Tooth Model [A27A Series]

- A total of 22 various caries conditions to choose from on a 2-layered enamel/dentin tooth
- Suited for soft dentin and caries removal, and cavity/abutment tooth preparation

Parts : Please refer to the picture list below

Lower Jaw (Left)

#34		A27A-34
#35		A27A-35
#36		A27A-36H
		A27A-36J
		A27A-36O

Lower Jaw (Right)

#44		
#45		
#46		A27A-46A
		A27A-46D
		A27A-46F
		A27A-46X
		A27A-46P

Upper Jaw (Left)

#21		A27A-21
#24		
#26		

Upper Jaw (Right)

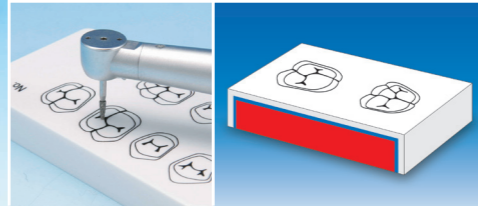
#11		A27A-11
		A27A-11D
		A27A-11F
		A27A-11U
#14		A27A-14B
		A27A-14F
		A27A-14G
#16		A27A-16A
		A27A-16Y
		A27A-16K
		A27A-16L



Preparation Plate [T1-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

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



Plaster Model Mold (32 teeth) [PRO2001-UL-MO-32]

- A rubber plaster mold with the same form as the PRO2001 Series jaw model designed for making plaster models
- Most teeth models can be set in the Plaster Model Mold
- Each jaw is sold separately

How to Use



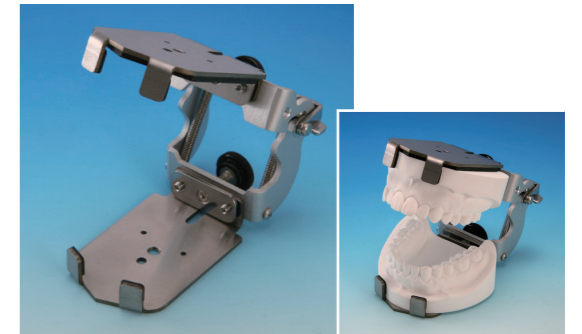
1. Lightly spray wax pattern cleaner or debubbler to prevent air bubbles from forming.
2. Plant the tooth models that will be used in practice into the rubber mold.
3. Slowly pour the mixed plaster.
4. Blow air around the mold and gently remove the model.
5. Remove excess plaster that may have stuck to and around the tooth model.



Model Adaptor Set

- For attaching models without magnet plates and plaster models
- For NISSIM Type 2

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



FE Combination Articulator

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

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

*Some models cannot be attached.
*Option: Spacer (To help adjust small-size models onto the FE combination Articulator)



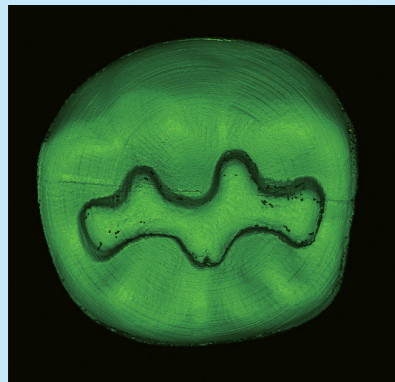
Fair Grader 100

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.



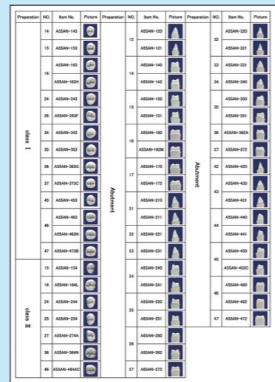
Unique Features of Fair Grader 100

300,000 Point Cloud Data



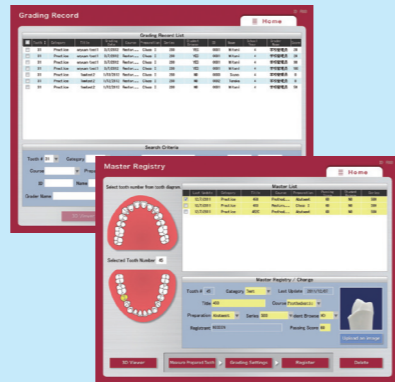
Scans very small concavities, and generate 3D images using a 300,000 point (approx.) cloud data.

Registering original master teeth



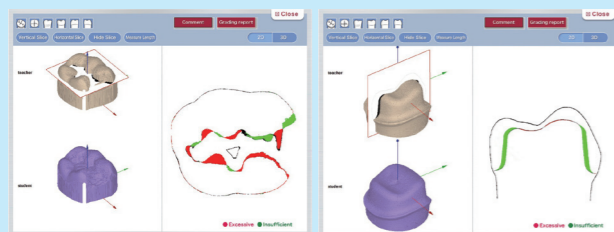
Instructors can easily register their own original master teeth that they prepared. In addition, 60 types of master teeth have been pre-registered to start using Fair Grader 100 immediately.

Consolidated data management



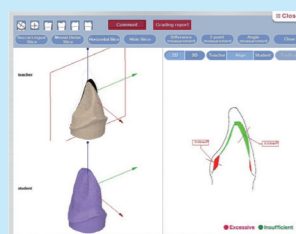
Allows students and instructors to be registered individually. This allows you to easily manage and search data.

3D Viewer



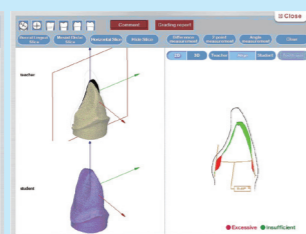
Helps students clearly visualize and understand tooth preparation work. The ability to overlap horizontal and vertical sections of tooth images enables you to identify differences between a master tooth and student's prep teeth. RED: Overprepped areas GREEN: Underprepped areas

Cavity preparation



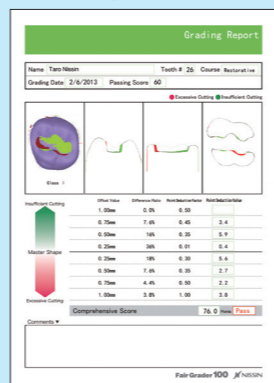
Range measurement

Abutment preparation



Taper angle measurement

PDF Outputs



Students can store their results. Grading results are saved as PDF data. It helps students review their work.

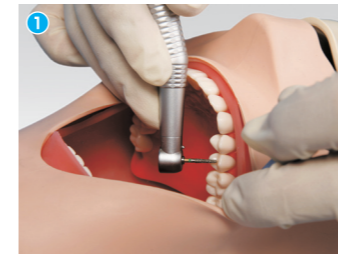
Scannable / Gradable Tooth Preparation Types with the FG100

- Class 1 cavity preparation
- Class 2 cavity preparation
- Crown preparation
- Compatible with Nissin A5A and A5SA tooth models
- CAD/CAM scan spray needs to be applied to A5A tooth model for scanning.

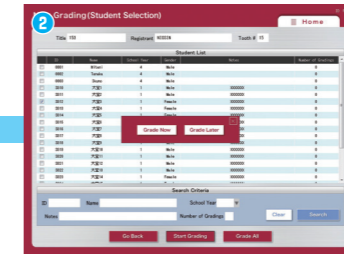
Other features

- Reduced time and collective grading
Fair Grader 100 performs batch processing of calculations after tooth scanning
- Intuitive operation screen
Unified design ensures easy operation.
- Limited access ensures safety and security
Student ID permits students to only access their own grading results
- Detailed guidance, comment input
Instructors can enter comments into PDF data.
- Large storage capacity holds approx. 10,000 scans
Data is stored on a 1TB HDD.

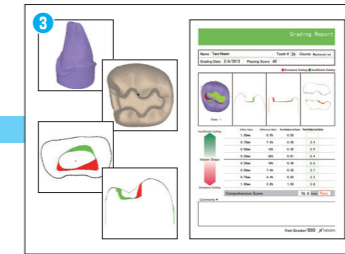
How to Grade



A student creates cavities and abutments while viewing the master tooth.



Place the prep tooth on the scanner and press Start button.



Using the 3D viewer, instructors can determine differences between the student's prep and master teeth, or output PDF data and distribute grading results.

Assessments are completed in approx. 100 seconds.

Components



Fixing jig set for tooth models



3D scanner

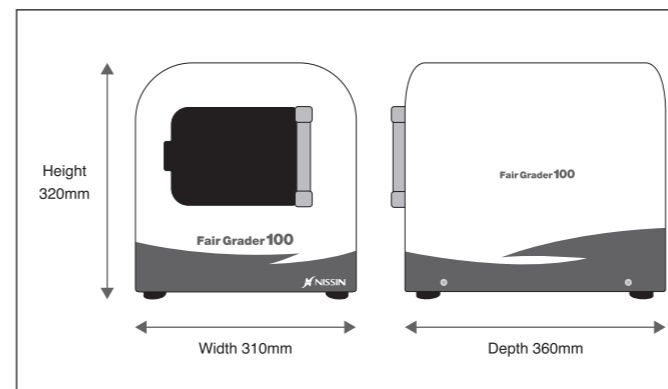


Monitor



PC main unit

Dimension of 3D scanner

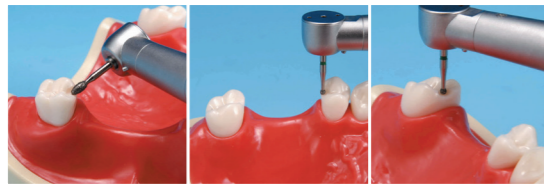


Main specifications

Power source/Voltage	Single phase 100V ~ 240V±10% (50/60Hz)	
Input current	AC100V input	<0.8A
	AC200V input	<0.4A
Usage environment	Temperature	0°C ~ 40°C
	Humidity	35% ~ 85% (no condensation)
OS	Windows 7 Ultimate	
Dimension	3D scanner	W310 x D360 x H320mm
	Monitor	W400 x D200 x H400mm
	PC main unit	W180 x D450 x H450mm
Weight	3D scanner	Approx. 17kg
	Monitor	Approx. 1kg
	PC main unit	Approx. 10kg

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 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 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.



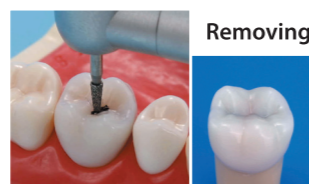
Bridge Fabrication • Fitting / A25 Series

By combining with the A25 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 / A25 Series

Practicing abutment fabrication becomes possible by combining with the A25 Series that is pre-prepared to a post & core form.



Removing Softened Dentin / A27

By replacing to 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 Deficit Plug (A2A-240)
- Various cases can be represented by combining with the separately sold abutment and cavity preparation teeth

Replacement Parts

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

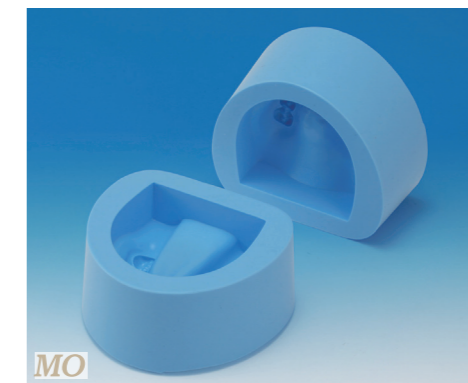
**The teeth are fixed to the models by screw, and a magnet plate is attached also.
*Please use the FE Combination Articulator to attach this model to NISSIM Type 1.
Please refer to the table on Pg.42-43 for defect variations.

•Variation



Plaster Jaw Model [MIS-PL Series]

- Plaster model version of the MIS Series
- *Please refer to the table on Pg.42-43 for defect variations.*



Plaster Model Mold [MIS-MO Series]

- Rubber mold with the same form as the MIS Series
- Each jaw is sold separately
- *Please refer to the table on Pg.42-43 for defect variations.*

Training Method	MIS-HD Series	MIS-PL Series	MIS-MO Series
Rest preparation	○		
Impression taking	○		
Restoration fabrication		○	○
Restoration attachment	○		

•Option



FE Combination Articulator

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

Variation

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

**Some models cannot be attached to this articulator.
Option: Spacer (To help adjust small-size models onto the FE combination Articulator)



Model Adaptor Set

- For attaching models without magnet plates and plaster models
- For NISSIM Type 2

Variation

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

Defect Variation

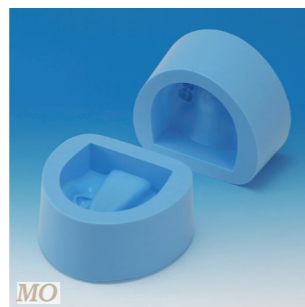
The variations shown in P.42-P.43 apply to MIS-HD, PL and MO Series.



HD
Hard Gingiva Jaw Model
[MIS-HD Series]



PL
Plaster Jaw Model
[MIS-PL Series]



MO
Plaster Model Mold
[MIS-MO Series]



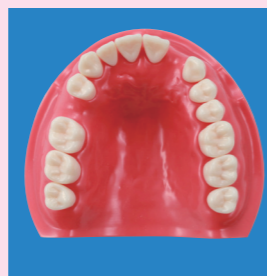
MIS 2001
Parts
18 17 16 15 14 13 12 11 21 23 24 25 26 27 28
Variation
HD MIS2001-U-HD-HM-32
PL MIS2001-U-PL-32
MO MIS2001-U-MO-32



MIS 2002
Parts
18 17 15 14 13 12 11 21 22 23 24 25 26 27 28
Variation
HD MIS2002-U-HD-HM-32
PL MIS2002-U-PL-32
MO MIS2002-U-MO-32



MIS 2003
Parts
18 17 16 15 14 13 11 21 22 23 24 25 27 28
Variation
HD MIS2003-U-HD-HM-32
PL MIS2003-U-PL-32
MO MIS2003-U-MO-32



MIS 2004
Parts
18 17 16 14 13 12 11 21 23 24 25 26 27 28
Variation
HD MIS2004-U-HD-HM-32
PL MIS2004-U-PL-32
MO MIS2004-U-MO-32



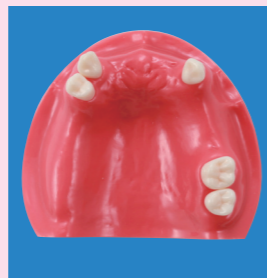
MIS 2005
Parts
18 17 13 12 11 21 22 23 24 25
Variation
HD MIS2005-U-HD-HM-32
PL MIS2005-U-PL-32
MO MIS2005-U-MO-32



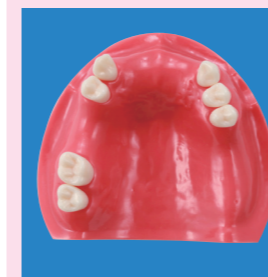
MIS 2006
Parts
14 13 12 11 21 22 23 24 27 28
Variation
HD MIS2006-U-HD-HM-32
PL MIS2006-U-PL-32
MO MIS2006-U-MO-32



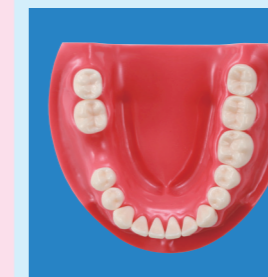
MIS 2007
Parts
14 13 12 11 21 22 23 27 28
Variation
HD MIS2007-U-HD-HM-32
PL MIS2007-U-PL-32
MO MIS2007-U-MO-32



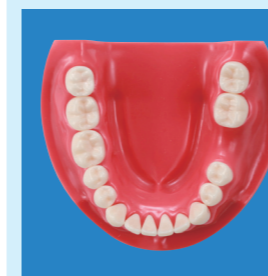
MIS 2008
Parts
14 13 23 27 28
Variation
HD MIS2008-U-HD-HM-32
PL MIS2008-U-PL-32
MO MIS2008-U-MO-32



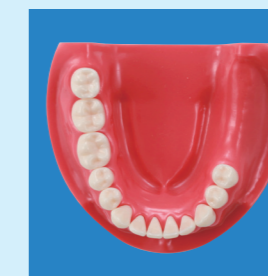
MIS 2009
Parts
18 17 14 13 23 24 25
Variation
HD MIS2009-U-HD-HM-32
PL MIS2009-U-PL-32
MO MIS2009-U-MO-32



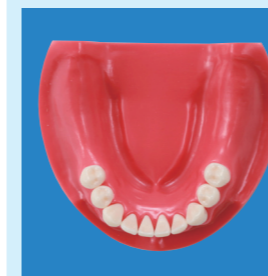
MIS 2010
Parts
48 47 45 44 43 42 41 31 32 33 34 35 36 37 38
Variation
HD MIS2010-L-HD-HM-32
PL MIS2010-L-PL-32
MO MIS2010-L-MO-32



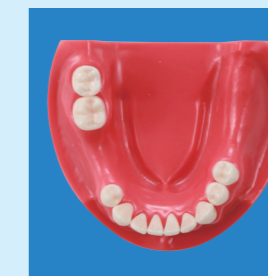
MIS 2011
Parts
48 47 46 45 44 43 42 41 31 32 33 34 35 37 38
Variation
HD MIS2011-L-HD-HM-32
PL MIS2011-L-PL-32
MO MIS2011-L-MO-32



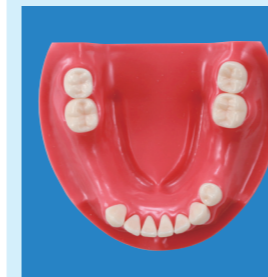
MIS 2012
Parts
48 47 46 45 44 43 42 41 31 32 33 34 35
Variation
HD MIS2012-L-HD-HM-32
PL MIS2012-L-PL-32
MO MIS2012-L-MO-32



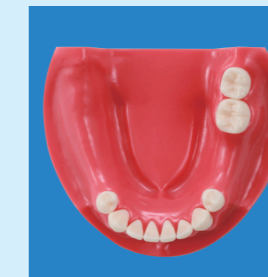
MIS 2013
Parts
45 44 43 42 41 31 32 33 34 35
Variation
HD MIS2013-L-HD-HM-32
PL MIS2013-L-PL-32
MO MIS2013-L-MO-32



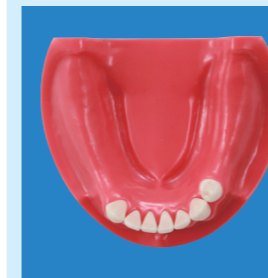
MIS 2014
Parts
48 47 44 43 42 41 31 32 33 34 35
Variation
HD MIS2014-L-HD-HM-32
PL MIS2014-L-PL-32
MO MIS2014-L-MO-32



MIS 2015
Parts
48 47 43 42 41 31 32 33 34 37 38
Variation
HD MIS2015-L-HD-HM-32
PL MIS2015-L-PL-32
MO MIS2015-L-MO-32



MIS 2016
Parts
44 43 42 41 31 32 33 34 37 38
Variation
HD MIS2016-L-HD-HM-32
PL MIS2016-L-PL-32
MO MIS2016-L-MO-32



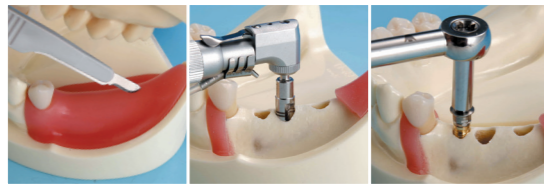
MIS 2017
Parts
43 42 41 31 32 33 34
Variation
HD MIS2017-L-HD-HM-32
PL MIS2017-L-PL-32
MO MIS2017-L-MO-32



MIS 2018
Parts
43 33
Variation
HD MIS2018-L-HD-HM-32
PL MIS2018-L-PL-32
MO MIS2018-L-MO-32

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.



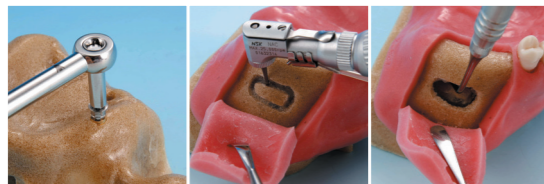
Comprehensive Implant Training

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

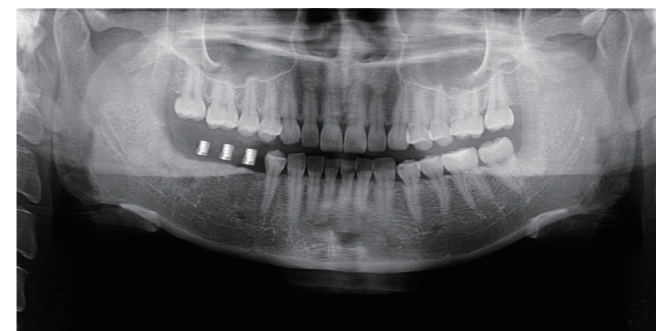
These models have a bone material that allows you to experience sinus lifts, and include maxillary sinus and Schneiderian membranes.

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

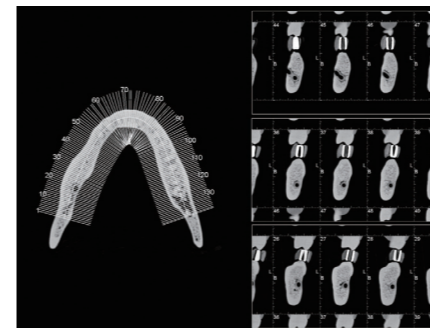
- Articulator**
- FE IMP5003-UL-SP-FEM
 - DP IMP5003-UL-SP-DPM
 - D IMP5003-UL-SP-DM
 - NON IMP5003-UL-SP-HM

- Replacement Parts**
- Implant Socket [IMP5003-T]
 - Surgical Stent [IMP5003-TA]



Training Method		
Incision	<input type="radio"/>	Full-thickness flap
Suture	<input type="radio"/>	Drilling
Implant insertion	<input type="radio"/>	Surgical guide plate
Alginate impression	<input type="radio"/>	Fabrication of superstructure

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



● Replacement Tooth Model, Other Replacement Parts



Implant Socket [IMP5003-T]



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	<input type="radio"/> Lateral window technique
Relaxation incision	<input type="radio"/> Osteotome
Full-thickness flap	<input type="radio"/> GBR
Incision·gingival ablation	<input type="radio"/> Bone graft
Suture	<input type="radio"/> Ridge expansion
Drilling	<input type="radio"/> Immediate implant placement
Implant insertion	<input type="radio"/> Surgical guide plate <input type="radio"/>
Alginate impression	<input type="radio"/> Fabrication of superstructure <input type="radio"/>

Replacement Tooth Models, Optional Tooth Models



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	<input type="checkbox"/>	Lateral window technique
Relaxation incision	<input type="checkbox"/>	Osteotome
Full-thickness flap	<input type="checkbox"/>	GBR
Incision·gingival ablation	<input type="checkbox"/>	Bone graft
Suture	<input type="checkbox"/>	Ridge expansion
Drilling	<input type="radio"/>	Immediate implant placement
Implant insertion	<input type="radio"/>	Surgical guide plate
Alginate impression	<input type="checkbox"/>	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	<input type="radio"/> Lateral window technique
Relaxation incision	<input type="radio"/> Osteotome
Full-thickness flap	<input type="radio"/> GBR
Incision·gingival ablation	<input type="radio"/> Bone graft
Suture	<input type="radio"/> Ridge expansion
Drilling	<input type="radio"/> Immediate implant placement
Implant insertion	<input type="radio"/> Surgical guide plate <input type="radio"/>
Alginate impression	<input type="radio"/> Fabrication of superstructure <input type="radio"/>



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	<input type="radio"/> Lateral window technique <input type="radio"/>
Relaxation incision	<input type="radio"/> Osteotome <input type="radio"/>
Full-thickness flap	<input type="radio"/> GBR
Incision·gingival ablation	<input type="radio"/> Bone graft
Suture	<input type="radio"/> Ridge expansion
Drilling	<input type="radio"/> Immediate implant placement <input type="radio"/>
Implant insertion	<input type="radio"/> Surgical guide plate <input type="radio"/>
Alginate impression	<input type="radio"/> Fabrication of superstructure <input type="radio"/>



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	<input type="checkbox"/>	Lateral window technique
Relaxation incision	<input type="checkbox"/>	Osteotome
Full-thickness flap	<input type="checkbox"/>	GBR
Incision· gingival ablation	<input type="checkbox"/>	Bone graft
Suture	<input type="checkbox"/>	Ridge expansion
Drilling	<input type="checkbox"/>	Immediate implant placement
Implant insertion	<input type="checkbox"/>	Surgical guide plate
Alginate impression	<input type="checkbox"/>	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	<input type="checkbox"/>	Lateral window technique
Relaxation incision	<input type="checkbox"/>	Osteotome
Full-thickness flap	<input type="checkbox"/>	GBR
Incision· gingival ablation	<input type="checkbox"/>	Bone graft
Suture	<input type="checkbox"/>	Ridge expansion
Drilling	<input type="checkbox"/>	Immediate implant placement
Implant insertion	<input type="checkbox"/>	Surgical guide plate
Alginate impression	<input type="checkbox"/>	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

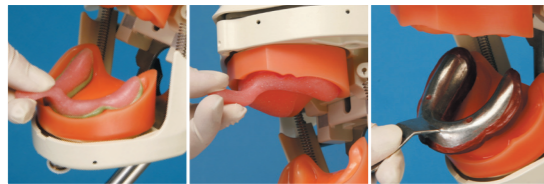
Articulator			
FE	IMP1034-UL-SP-FEM	D	IMP1034-UL-SP-DM
DP	IMP1034-UL-SP-DPM	NON	IMP1034-UL-SP-HM

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	<input type="checkbox"/>	Lateral window technique
Relaxation incision	<input type="checkbox"/>	Osteotome
Full-thickness flap	<input type="checkbox"/>	GBR
Incision· gingival ablation	<input type="checkbox"/>	Bone graft
Suture	<input type="checkbox"/>	Ridge expansion
Drilling	<input type="checkbox"/>	Immediate implant placement
Implant insertion	<input type="checkbox"/>	Surgical guide plate
Alginate impression	<input type="checkbox"/>	Fabrication of superstructure

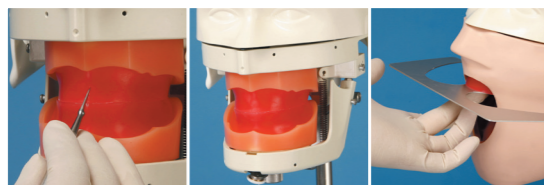
The EDE (Edentulous) Series for mastering the Edentulous Jaw Restorative Area

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.



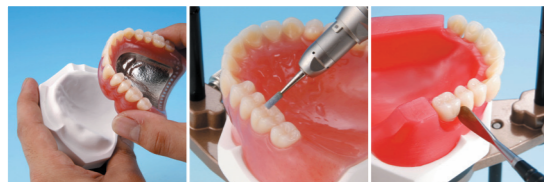
Impression Taking

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	<input type="radio"/>	Bite taking <input type="radio"/>
Detailed impression	<input type="radio"/>	Artificial teeth arrangement <input type="radio"/>
Muscle trimming		Denture tooth polymerization <input type="radio"/>
Custom tray fabrication	<input type="radio"/>	Denture tooth setting <input type="radio"/>
Bite plate fabrication	<input type="radio"/>	



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	<input type="radio"/>	Bite taking <input type="radio"/>
Detailed impression	<input type="radio"/>	Artificial teeth arrangement <input type="radio"/>
Muscle trimming		Denture tooth polymerization <input type="radio"/>
Custom tray fabrication	<input type="radio"/>	Denture tooth setting <input type="radio"/>
Bite plate fabrication	<input type="radio"/>	



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 <input type="radio"/>
Detailed impression		Artificial teeth arrangement <input type="radio"/>
Muscle trimming		Denture tooth polymerization <input type="radio"/>
Custom tray fabrication	<input type="radio"/>	Denture tooth setting <input type="radio"/>
Bite plate fabrication	<input type="radio"/>	

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

