

Total Solution for Dental Education

“Environment”, “Tools”, “Function”-
 These are necessary requirements for training.
 Combination of these opens the door to infinite possibilities.
 Responds flexibly to a more diversified training.

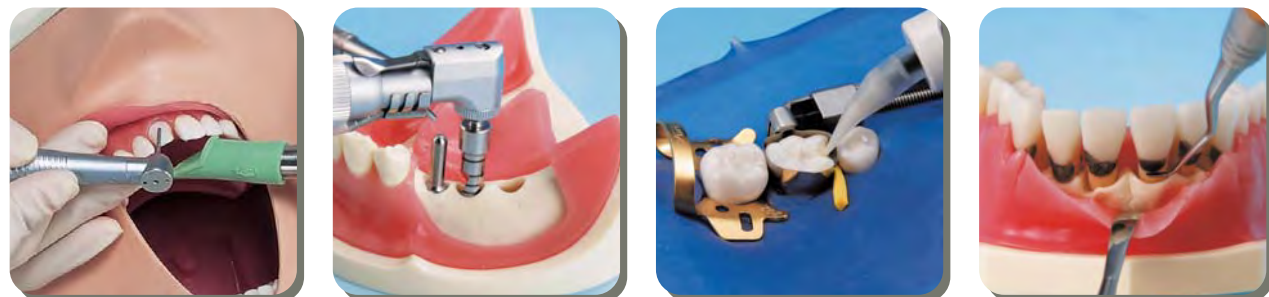


TABLE OF CONTENTS

Dental Simulator

NISSIM Type 2	14
NISSIM Type 1	16
SIMPLE MANIKIN II	20
NISSIM Type 3	22

Dental Study Model

Prosthetic Dentistry	
Crown & Bridge Area	24
Partial Denture Area	32
Implant Area	36
Edentulous Jaw Area	42
Stomatognathic Function Area	44
Conservative Dentistry	
Operative Area	46
Endodontics Area	49
Periodontal Area	
Scaling • Root Planing Area	54
Periodontal Surgery Area	57
Plaque Control Area	58
Other Training Areas	
Oral Surgery Area	60
Anesthesia Area	62
Radiation Area	63
Orthodontics Area	64
Pediatric Area	68
Other Areas	
Tooth Anatomy Area	70
Gifts Area	74

Please Note:

- Due to product improvements, product specifications and design may change without notice.
- Products in this catalog may be discontinued without notice.
- The practice/training areas were classified by the discretion of NISSIN DENTAL PRODUCTS, INC. It may differ from actual training areas.
- The coloration of products shown in the catalog may differ from the actual product due to the printing.
- The practice/training scenes shown in the catalog are 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.
- Reprinting and/or duplicating of any text, photographs and illustrations in this catalog are strictly prohibited.

■ NISSIN Standard Study Model
Measurement Specifications:

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

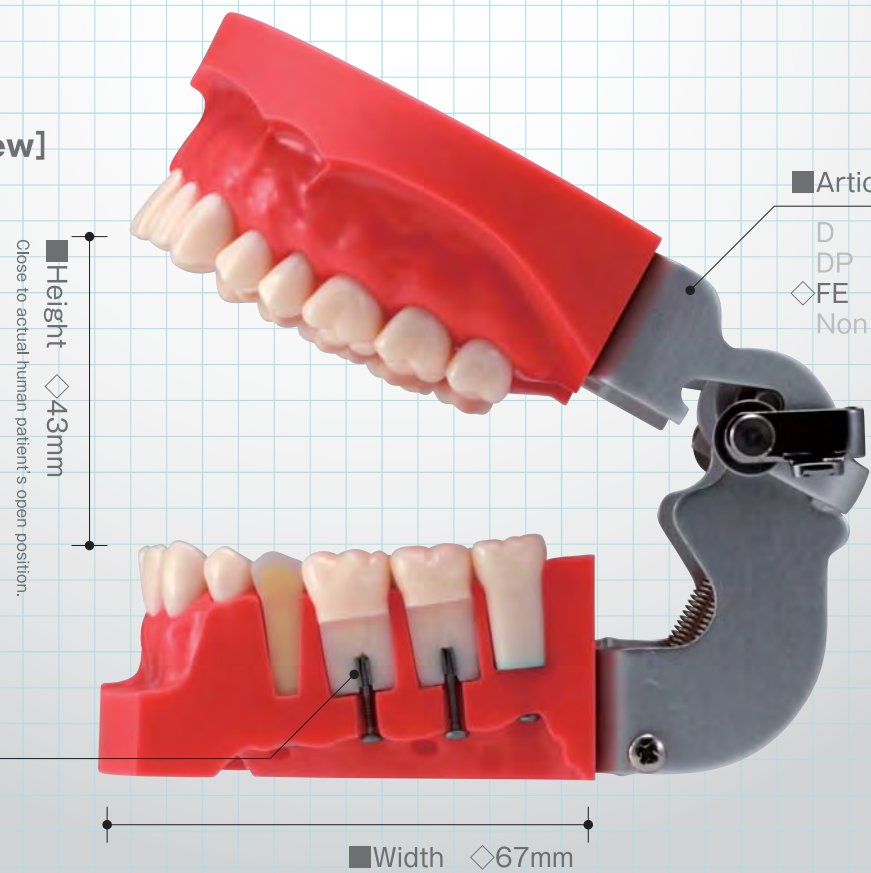
[Front View]



■ Gingiva Type

- Pink
- Clear Pink
- Clear
- ◇ Hard

[Side View]

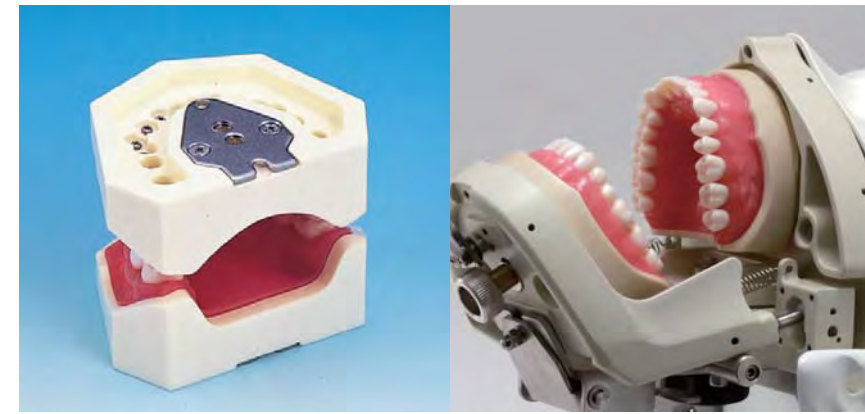


■ Articulator Type

- D
- DP
- ◇ FE
- Non

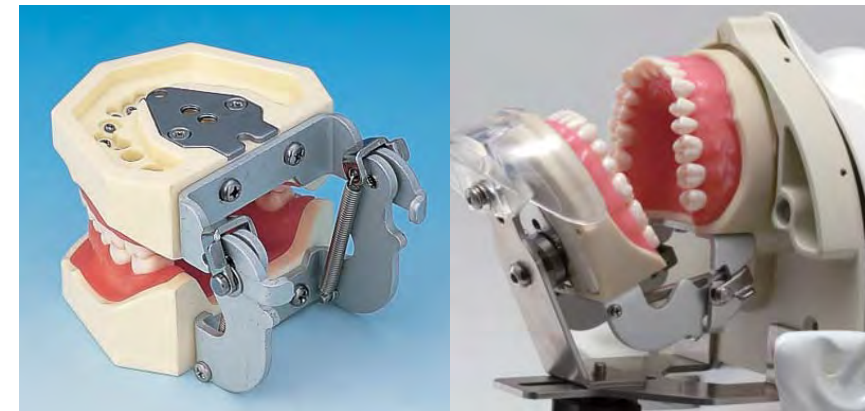
※Measurements are approximate.

■ Articulator Variations



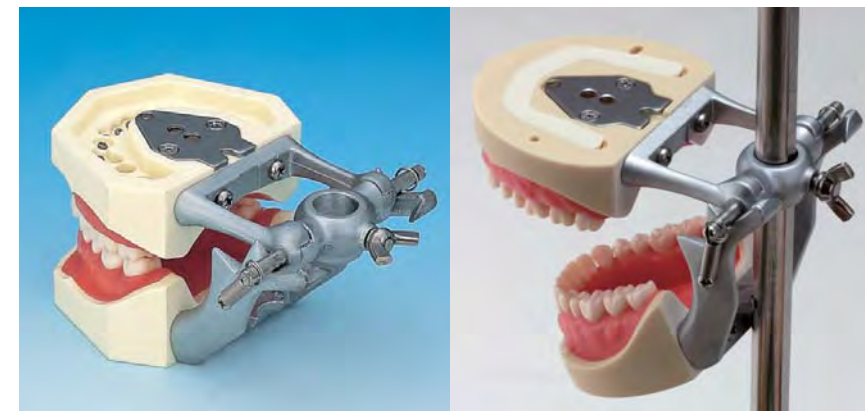
Without articulator

Models without an articulator can be attached to phantom and manikin systems with adjustable occlusion function capability.



FE articulator

This articulator can be opened and fixed at any position including the maximum open 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.

※In order for the articulator to fit, the jaw model needs a screw hole. If you have a model that does not have a screw hole, please contact us.

■ Notations in this catalogue



Prosthetic Restoration Jaw Model (32 teeth)
[PRO2001-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-M-32

Replacement Parts

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

- 1 Product picture
- 2 Gingiva material
- 3 Product name
- 4 Model number
- 5 Product description
- 6 Model number of other variations
Shows other variations such as models with different articulators
- 7 Model number of parts that are included in the product as standard equipment
Shows component parts such as tooth models and gingiva that are pre-fitted to the product

■ How to Read NISSIN's Model Number

PRO2001UL-SP-FEM-32

1 Training Areas

2 Model Category

3 Sequence No.

4 Jaw/Gingiva Type

5 Jaw/Gingiva Material

6 Mounting System Type

7 Dentition Type

1 Training Areas		2 Model Category		3 Sequence No.		4 Jaw/Gingiva Type	
PRO	Prostodontics	1	Japan/Overseas Model	000		UL	Upper & Lower Jaw
MIS	Missing Teeth (Defect)	2	Overseas Model	~		U	Upper Jaw
IMP	Implant			999		L	Lower Jaw
EDE	Edentulous					Q	1/4 Jaw
CON	Conservative Dentistry					T	Other
PER	Periodontics						
SUG	Oral Surgery					GUL	Upper & Lower Gingiva
ORT	Orthodontics					GU	Upper Gingiva
PDI	Pediatric Dentistry					GL	Lower Gingiva
ANA	Tooth Anatomy						
ALL	All (belong to no particular area)						

5 Jaw/Gingiva Material		6 Mounting System Type		7 Dentition Type	
HD	Hard Type		Blank	28	28 Teeth
SP	Silicone Pink	M	Magnet Plate	32	32 Teeth
SCP	Silicone Clear Pink	FE	FE Articulator		
SC	Silicone Clear	FEM	FE + MF		
UP	Urethane Pink	D	D Articulator		
FP	Filament Pink	DM	D + MF		
HDC	Hard Clear Type	DP	DP Articulator		
MO	Mold	DPM	DP + MF		
PL	Plaster Jaw	H	Hole only		
W	Wax Jaw				

■ Dental Notation System

Permanent Teeth (adult teeth)

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

Primary Teeth (baby teeth)

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

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

How to Remove and Attach the Tooth Model

○ Removing the Tooth Model



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



Remove the tooth model.

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

○ Attaching the Tooth Model



Insert the tooth model in the proper position.



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

Do not tighten the screw at this point.



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

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



Attaching and Removing the Articulator

○How to remove the Articulator



Use the supplied screwdriver and unscrew the 4 articulator screws.

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

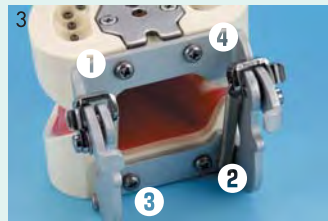
○How to attach the Articulator



Lightly tighten the 2 screws on the upper jaw.



Likewise, lightly tighten the lower jaw.



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

*In order for the articulator to fit, the jaw model needs a screw hole. If you have a model that does not have a screw hole, please contact us.



Attaching and Removing the Gingiva

○How to remove the gingiva



Remove every other tooth model.



Carefully remove the gingiva.

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

○How to attach the gingiva



Fit the gingiva onto the model.

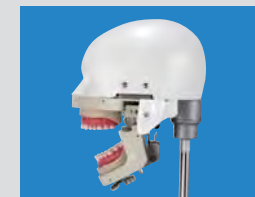


Insert the tooth models.



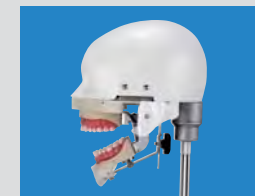
Fix the tooth models by tightening the fixing screw.

Dental Simulator



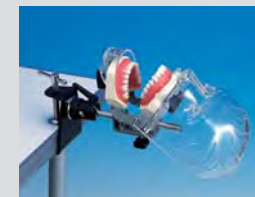
NISSIM Type 2

P14



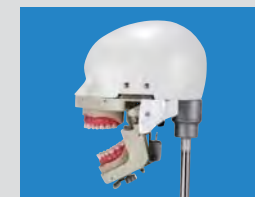
NISSIM Type 1

P16



SIMPLE MANIKIN II

P20



NISSIM Type 3

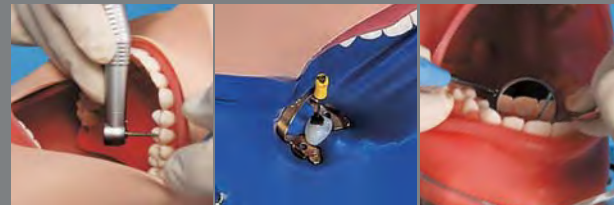
P22

For a more practical training. A Dental Simulator for various "Environment" and "Purpose".

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

Training

■ Training in various areas



■ Positioning of operator and patient



■ Operating position

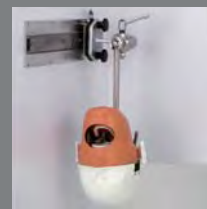


■ How to position operator's hands



[Suggested mounting locations]

■ Workbench



■ Dental chair



■ Mobile use



Situation

[Suggested situations]

- Training class
- Workshop
- Demonstration
- Training at clinics
- Training at home

3 simulator types are available depending on purpose or function

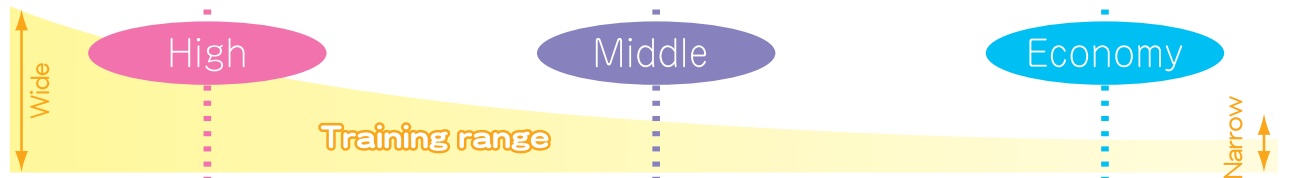
For fixed place use

For mobile use

High

Middle

Economy



NISSIM Type 2 (P14)



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

Articulator with jaw movement functions

Face bow training is possible

Easy attachment of jaw models with magnet

NISSIM Type 1 (P16)



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

Excellent durability

Face bow training is possible

Easy attachment of jaw models with magnet

SIMPLE MANIKIN II (P20)



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

Easy assembly

Lightweight and compact

Fits on workbench or dental chair



NISSIM Type 2

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

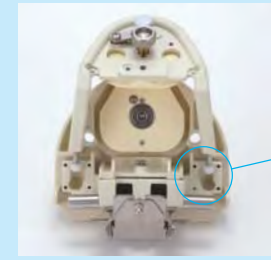
Features of NISSIM Type 2



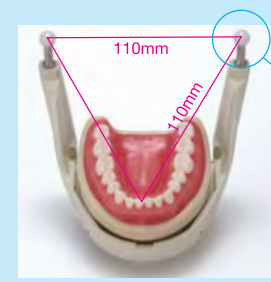
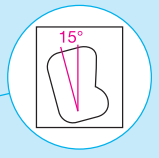
① Models can be attached without an articulator. Jaw is pictured at 50mm open position.



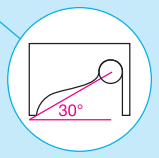
② Can simulate actual human patient's open position. Jaw is pictured at 22mm open position. (appx. 2 fingers) (Please use the optional Intermediate Locking Device)



③ Inclination of Lateral Condylar Path.



④ Sagittal Inclination of Condylar Guidance.



Attachable jaw models

■Jaw models that can be attached as they are



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

How to adjust occlusion on NISSIM Type 2



- 1) Loosen the hand screw on the top and the knob on the back of the articulator.
- 2) Set the occlusion by adjusting the lower jaws until it occludes with the upper jaw.
- 3) Maintain the occlusion by holding the jaws together and tighten the hand screw and knob.
- 4) Check to make sure the articulator is in occlusion. *must be approximately parallel*

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

●Type 2 Basic Set



NISSIM Head



NISSIM Type 2 Articulator



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 open hole for attaching the connector plug
- The tube and connector plug allows water draining
- The drain stopper stops water draining

●Accessories for Type 2 only



Type 2 Cheek Sheet

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

Variation

- Type 2 Cheek Sheet (1 sheet, 8 pins)
- Type 2 Cheek Sheet Set (5 sheets, 40 pins)



Type 2 Oral Cavity Cover

- An open hole is present on the upper and lower sides
- Attach the upper and lower mounting plates of the NISSIM Type 2 to the model inside the Oral Cavity Cover

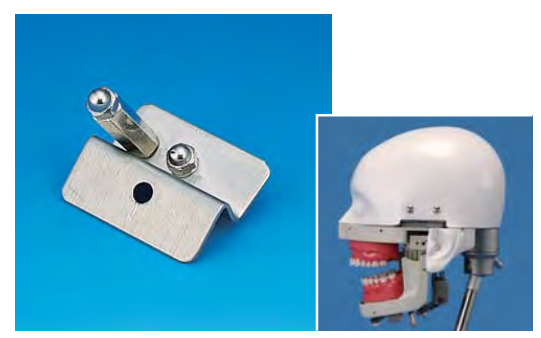


Model Adapter Set

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

Variation

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



Intermediate Locking Device

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



NISSIM Type 1

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

Features of NISSIM Type 1



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



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



③ One-touch easy removal of models.

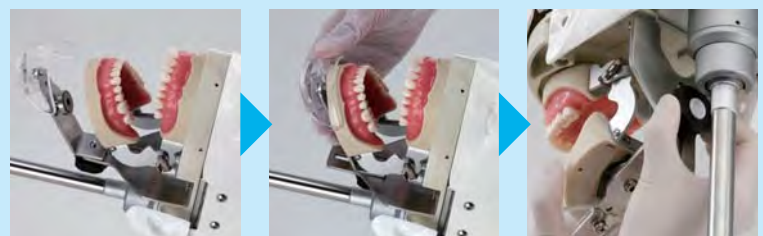
Attachable jaw models

Jaw models that can be attached as they are



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

How to adjust occlusion on NISSIM Type 1



- 1) Loosen the adjusting screw in the back and slide down the stopper plate. Then attach the upper jaw.
- 2) Slide up the stopper plate so that the magnet sticks to the magnet plate of the lower jaw model.
- 3) Tighten the adjusting screw in the back.

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

●Type 1 Basic Set



NISSIM Head



NISSIM Type 1 Articulator



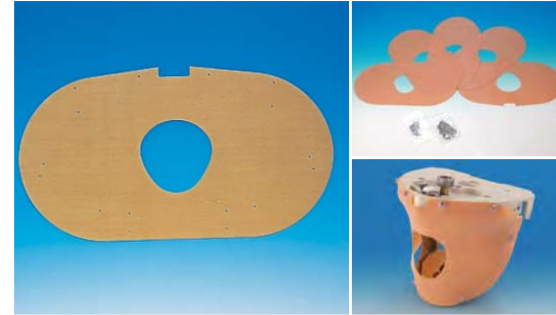
NISSIM Mask



NISSIM Mask with Water Drain

- Mask comes with a plastic tube, connector plug and drain stopper
- The bottom of the mask has a open hole 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)

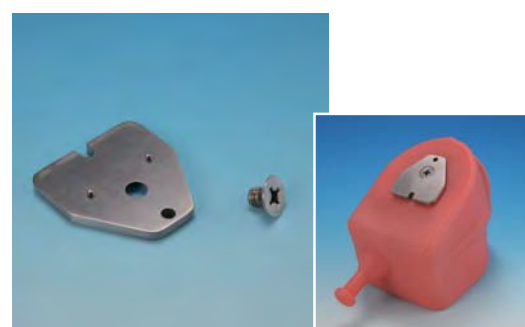
Variation

- Type 1 Cheek Sheet (1 sheet, 6 pins)
- Type 1 Cheek Sheet Set (5 sheets, 30 pins)



Oral Cavity Cover (Large)

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



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

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

**Some models cannot be attached to this articulator.*

●Common Accessories for NISSIM Type 2 and NISSIM Type 1



Chair Mount Torso Set

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



Ball Joint Torso Set

- Set consists of NISSIM Head, Torso and Ball Joint
- Type 2 or Type 1 Articulators can be attached (articulators not included)
- Compatible with dental simulator systems made by most manufacturers
- Torso gives a more lifelike appearance during training



Body Trunk Unit Set

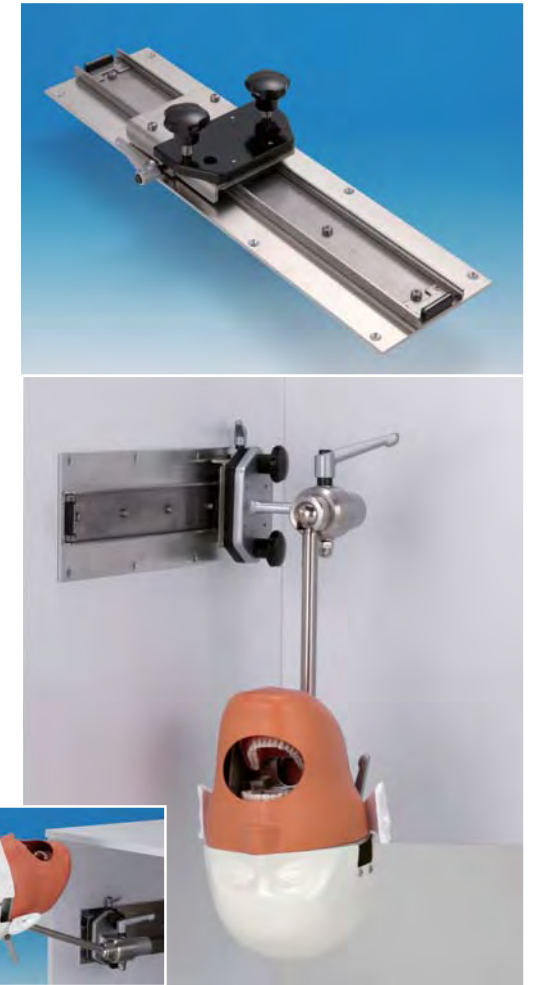
- Easy-to-carry portable phantom set
- Set consists of NISSIM Head, Ball Joint, fixing belt and Desk Clamp stored inside the suitcase
- Type 2 or Type 1 Articulators can be attached (articulators not included)
- Can be mounted on the dental chair with the use of 2 belts
- The NISSIM Head can be stored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

*Suitcase appearance and specifications may change without notice.



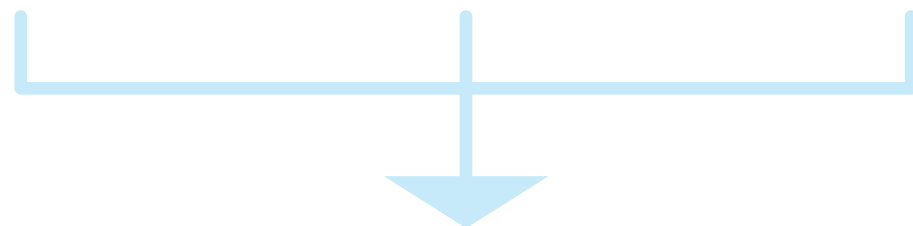
Desk Clamp Unit Set

- Set consists of NISSIM Head, Ball Joint and Desk Clamp
- For mounting on the workbench with the use of the Desk Clamp
- Type 2 or Type 1 Articulators can be attached (articulators not included)

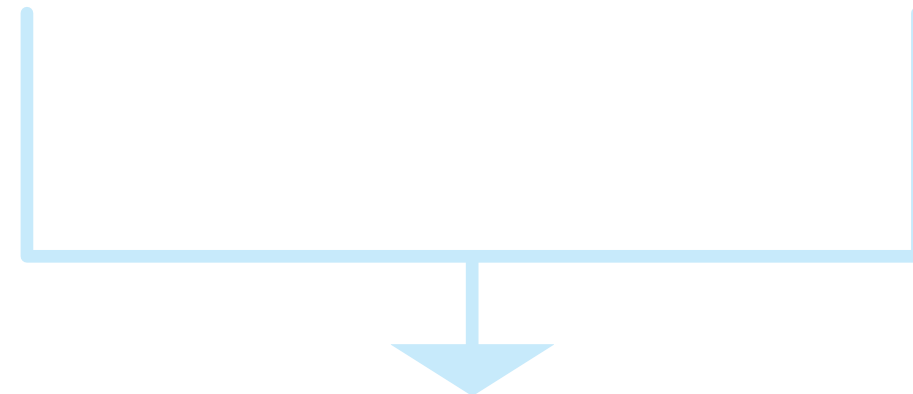


Rail Unit Set

- Set can be installed on the side wall of the workbench and slides out on the rail when in use
- The phantom can be stored under the workbench when not in use
- Set consists of NISSIM Head, Ball Joint and Rail Unit
- Type 2 or Type 1 Articulators can be attached (articulators not included)



Please select either NISSIM Type 1 or Type 2 Articulator and NISSIM Mask.



Please purchase either the NISSIM Type 1 or Type 2 Basic Set.