

Dental Simulator



NISSIM Type 2

P16



NISSIM Type 1

P18



NISSIM Type 1 Advance

P20



SIMPLE MANIKIN III

P26



NISSIM Type 3

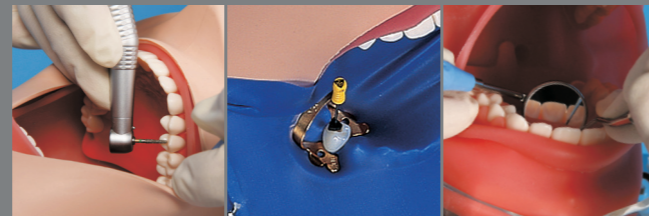
P28

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

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



■ Training in various areas



■ Positioning of operator and patient

■ Operating position

■ How to position operator's hands

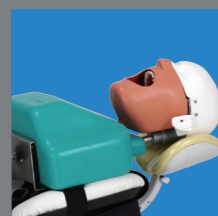


[Suggested mounting locations]

■ Workbench



■ Dental chair



■ Mobile use



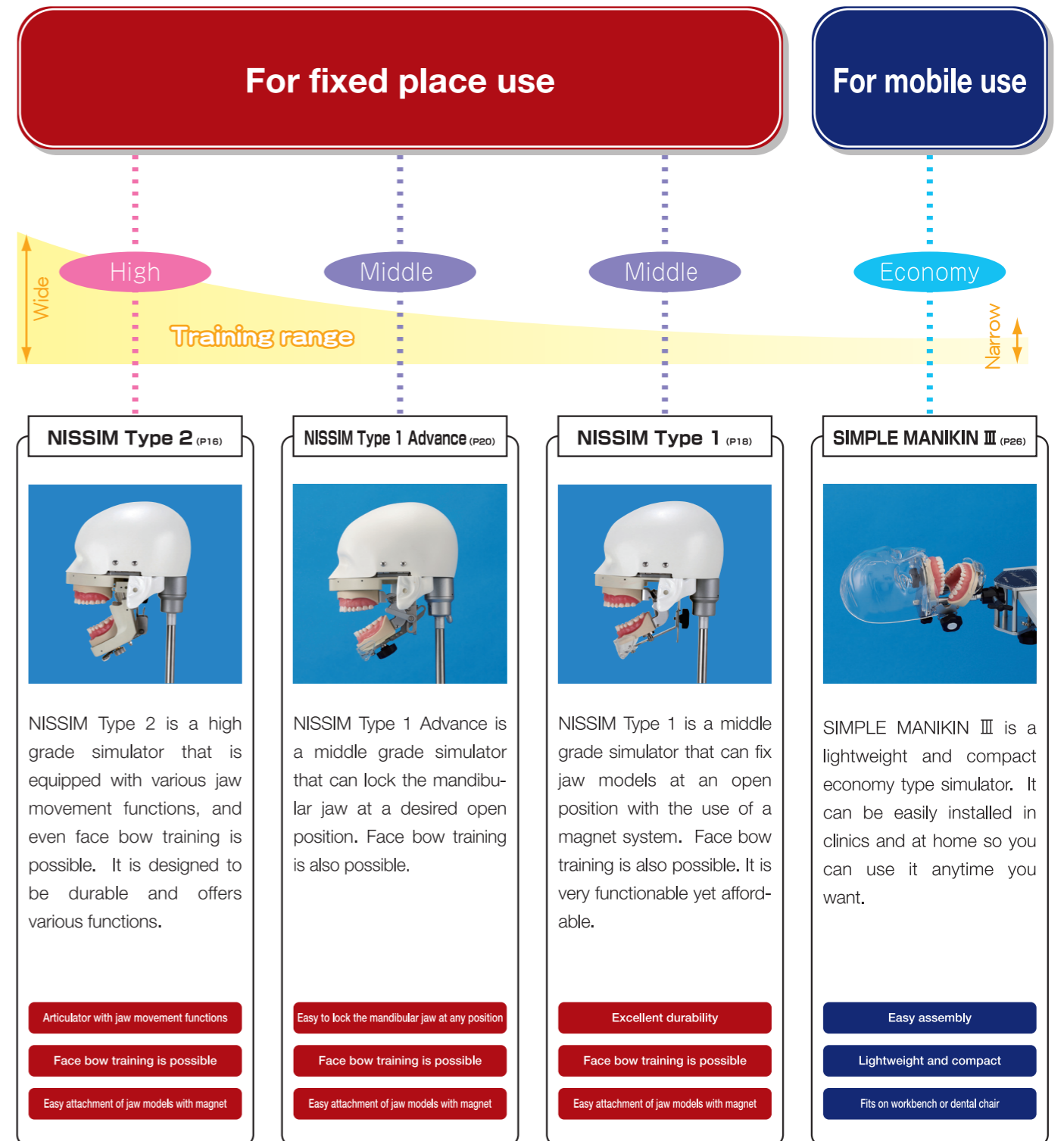
Situations



[Suggested situations]

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

4 simulator types are available depending on purpose or function





NISSIM Type 2

- 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

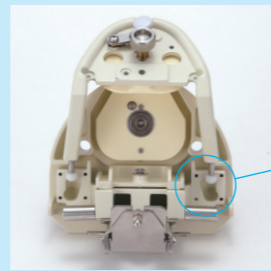
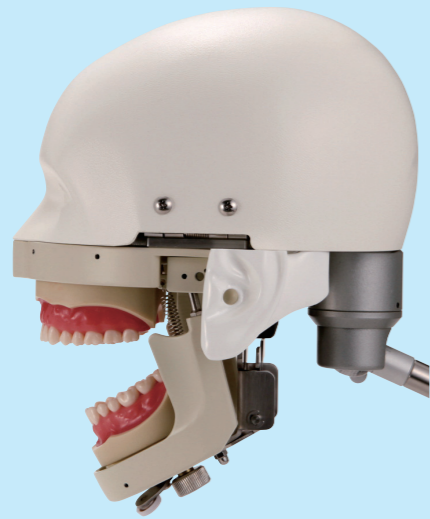
Features of NISSIM Type 2



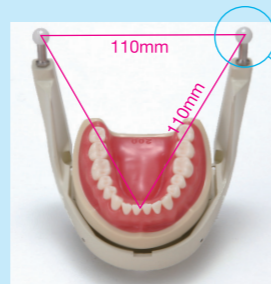
① Models can be attached without an articulator. Jaw is pictured at 50mm open position.



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)



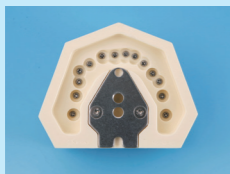
③ Inclination of Lateral Condylar Path.



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.

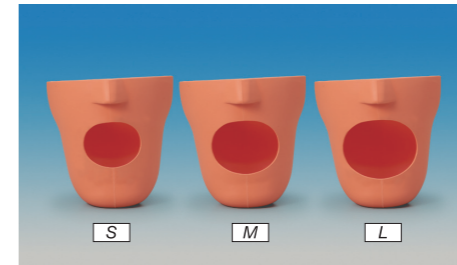
●Type 2 Basic Set



NISSIM Head



NISSIM Type 2 Articulator



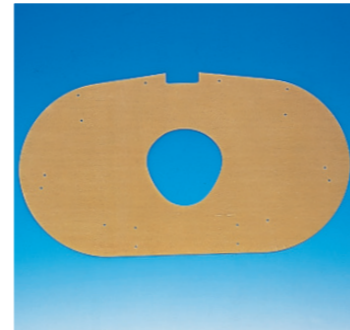
NISSIM Mask



NISSIM Mask with Water Drain

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

●Accessories for Type 2 only

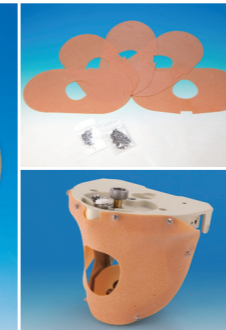


Type 2 Cheek Sheet

- This rubber check 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

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



Drain Bottle



Model Adaptor Set

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

Variation

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



Intermediate Locking Device

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



NISSIM Type 1

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

Features of NISSIM Type 1



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



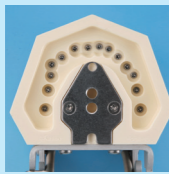
② Easy attachment using magnets. Models can be attached with the articulator.



③ One-touch easy removal of models.

Attachable jaw models

■ Jaw models that can be attached as they are



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

How to adjust occlusion on NISSIM Type 1



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

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

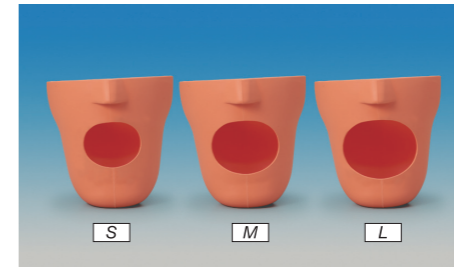
●Type 1 Basic Set



NISSIM Head



NISSIM Type 1 Articulator



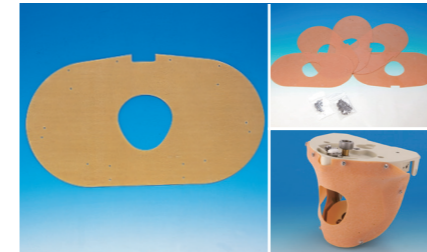
NISSIM Mask



NISSIM Mask with Water Drain

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

●Accessories for Type 1 only



Type 1 Cheek Sheet

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

Variation

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

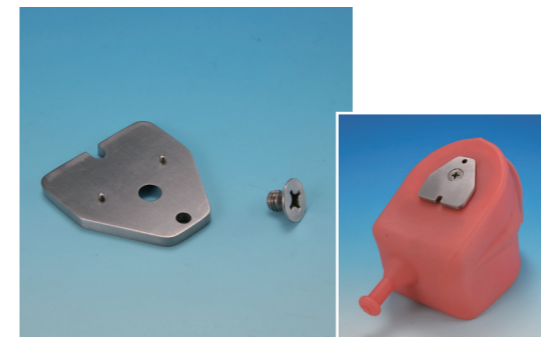


Oral Cavity Cover (Large)

- 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 allowing real clinical situation training



Drain Bottle



Type 1 Magnet Plate

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

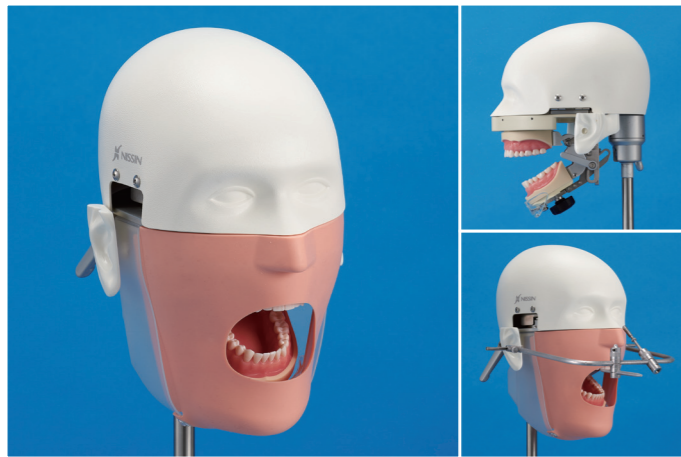


FE Combination Articulator

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

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)



NISSIM Type 1 Advance

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

Features of NISSIM Type 1 Advance



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



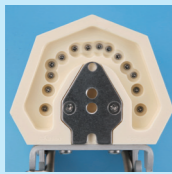
② Easy attachment using magnets. Models can be attached to the articulator.



③ One-touch easy removal of models.

Attachable jaw models

■Jaw Models that can be attached as they are



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

How to adjust occlusion on NISSIM Type 1 Advance



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

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

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

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

●Type 1 Advance Basic Set



NISSIM Head



NISSIM Type 1 Articulator Advance



Water Waste Pan



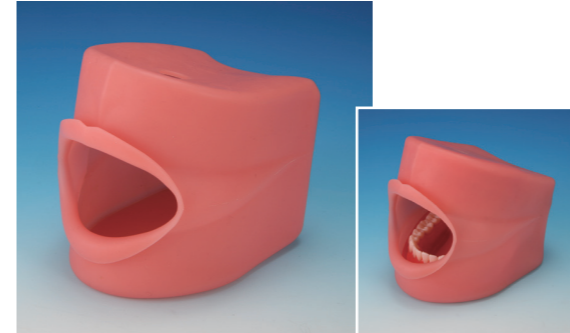
Half Mask



Water Waste Pan with Water Drain

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

●Accessories for Type 1 Advance



Type 1 Advance Oral Cavity Cover

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



Drain Bottle

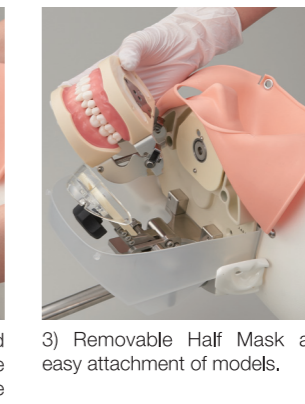
How to attach the Half Mask



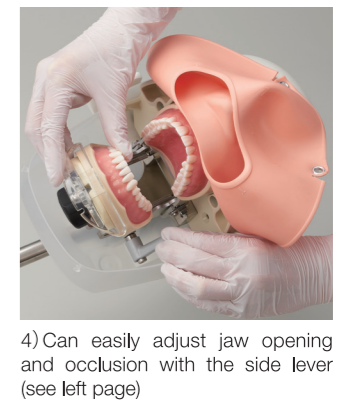
1) Attach the Half Mask onto the head by pushing the holes on the mask through the guide pins on the head.



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



3) Removable Half Mask allows easy attachment of models.

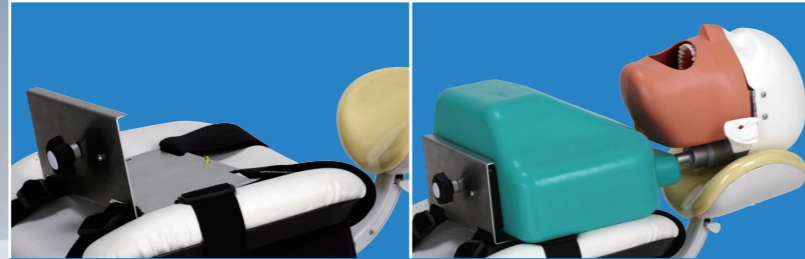


4) Can easily adjust jaw opening and occlusion with the side lever (see left page)

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

Chair Mount Torso Set

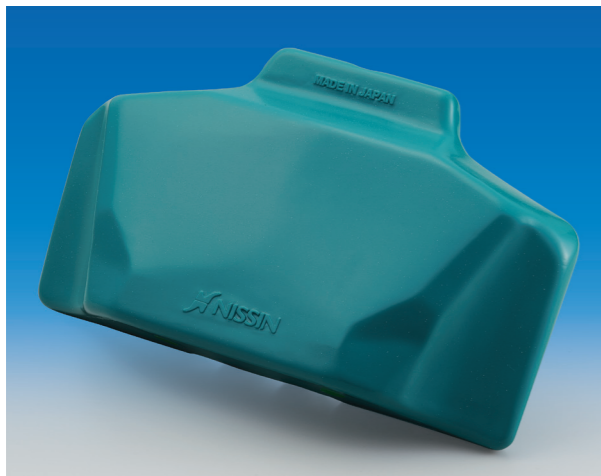
- Set consists of NISSIM Head, Torso and Chair Mount
- Type 2, Type 1 or Type 1 Advance Articulators can be attached (articulators not included)
- 2 belts on the chair mount securely fixes the torso to the dental chair
- Can be used with existing dental chairs at the training facility, a more economical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



Articulator and Mask are NOT included

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)



NISSIM Head, Articulator and Mask are NOT included

Body Trunk Unit Set

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

*Suitcase appearance and specifications may change without notice.



Articulator and Mask are NOT included

NISSIM Set needed for using accessories on P25

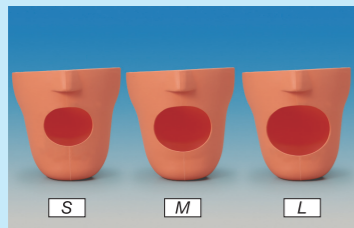
●Type 1 Basic Set



NISSIM Head



NISSIM Type 1 Articulator



NISSIM Mask

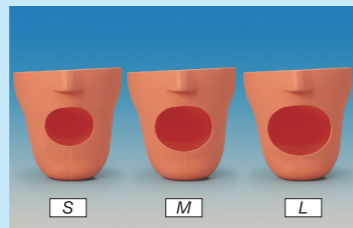
●Type 2 Basic Set



NISSIM Head



NISSIM Type 2 Articulator



NISSIM Mask

●Type 1 Advance Basic Set



NISSIM Head



NISSIM Type 1 Articulator Advance



Half Mask



Water Waste Pan

or

or

●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 Torso can be attached
- To use, raise the phantom head by rotating the unit

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



Desk Clamp Unit

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



Desk Mount Unit

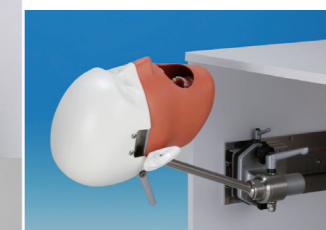
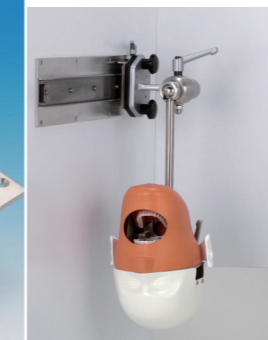
- Can be installed on the side wall of the workbench
- The phantom head can be stored under the workbench when not in use

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



Rail Unit

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

●SIMPLE MANIKIN III set



SIMPLE MANIKIN Bench Mount

- Desktop thickness must be within 20-65mm, and depth must be 50mm or more



SIMPLE MANIKIN Headbase



SIMPLE MANIKIN Mask

Features of SIMPLE MANIKIN III



① Easy screw-on type design.



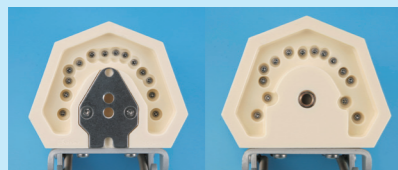
② Can be easily installed on most desk edges.



③ Lightweight and compact package.

Attachable jaw models

■Jaw models that can be attached as they are



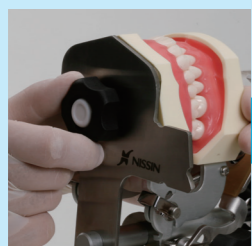
Jaw models with a FE/D articulator, and having magnet plates or thread hole in the center of the model base can be attached onto SIMPLE MANIKIN III as they are.

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

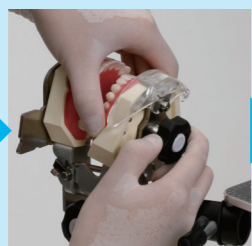


Jaw models without FE or other articulators and plaster models can be attached onto SIMPLE MANIKIN III with the optional FE Combination Articulator.

How to adjust occlusion on SIMPLE MANIKIN III



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



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



3) Gently tighten the side screw.

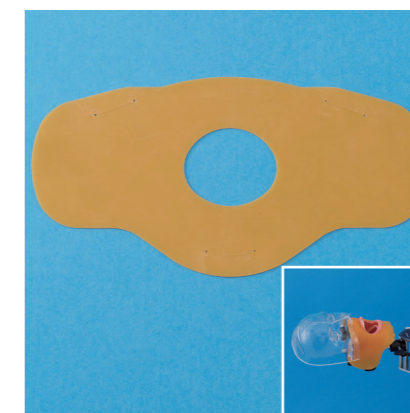
**Please read the supplied instruction manual for more detailed information.*

●SIMPLE MANIKIN III Accessories



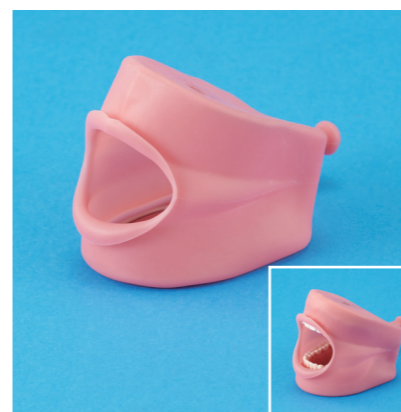
SPM III Head Rest Mount

- For fixing the SIMPLE MANIKIN III to the dental chair



SPM III Rubber Sheet

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



Oral Cavity Cover SPM III

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



Model Adaptor SPM III

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

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



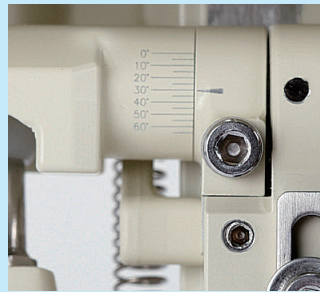
NISSIM Type 3

- 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 Dial allows intricate adjustment of the jaw angle and position. The angle can be adjusted from 0°~60°.



③ One-touch easy removal of models.

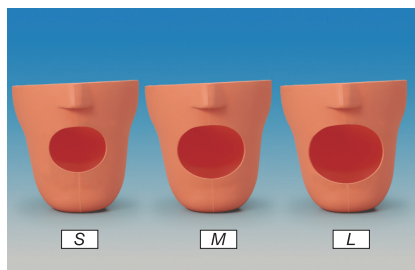
● Type 3 Basic Set



NISSIM Head



NISSIM Type 3 Articulator



NISSIM Mask



NISSIM Mask with Water Drain

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