

KOKEN Airway Management Model

LM-059

Instruction Manual

Thank you for purchasing the LM-059 KOKEN Airway Management Model.
Please read this Instruction Manual carefully to ensure correct use of the product, and
store it in a safe place for easy access.

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Handling and Safety Precautions

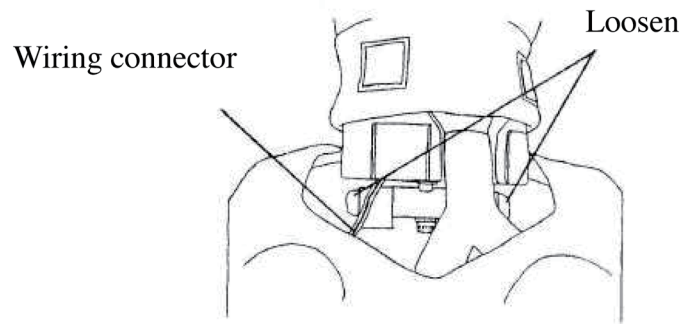
These precautions should be strictly observed in order to ensure safe, long-term use of the product.

The following precautions should be observed particularly strictly:

1. Before practicing, be sure to press on the upper teeth with a finger to ensure the warning sound is generated correctly. The volume varies between products (component specification: 70 ± 10 dB)
2. If the warning sound is generated when using a laryngoscope, immediately move the laryngoscope away from the upper teeth.
3. Lubricant (silicone spray) is not included in the kit. Follow the precautions below for use.
 - Use only silicone oil-type aerosol lubricant (silicone spray). Using grease or a spray that contains oil other than silicone oil may damage the model.
 - Spray a small amount of the pre-prepared lubricant (silicone spray) on the neck skin and other parts that do not impede functioning of the model and confirm that there are no problems before proceeding with use.
4. Do not splash water on the battery box or power cable.
5. The skin is made of a soft material to simulate the actual texture of human skin. Applying excessive force may cause it to tear. Please handle it with the same care that you would exercise when working with a human body.
6. When not using the model, store it in the carrying case.
7. Marks made on the skin with a permanent marker may not come off.
8. Avoid disassembling the model, as it may be difficult to reassemble. If disassembly is absolutely necessary, only remove the head from the body.

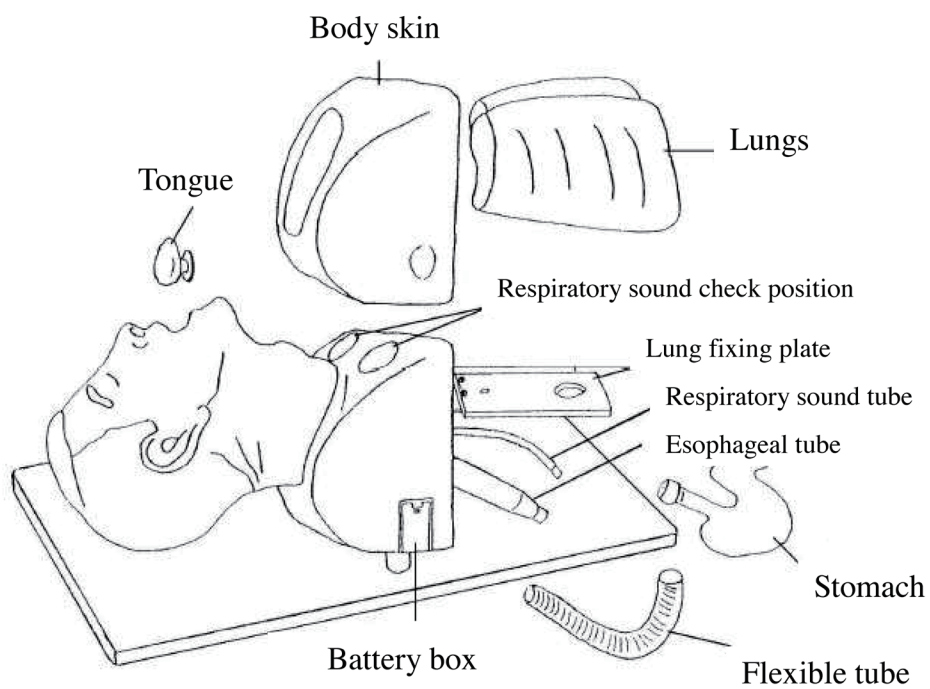
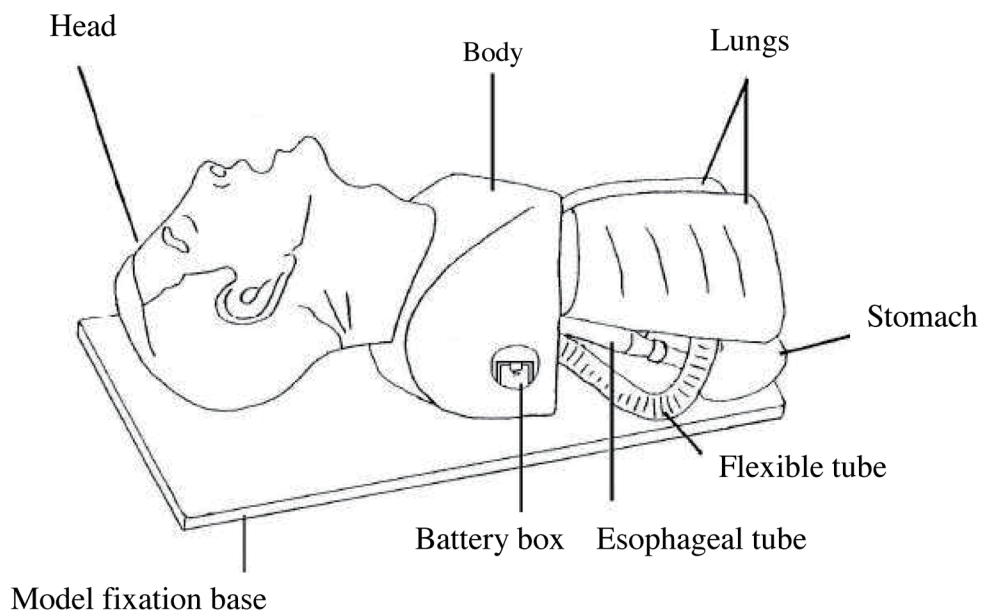
Procedure for removing the head (cross-slot screwdriver required):

1. Remove the body skin, stomach, flexible tube, and wiring connector from the body.
2. Peel back the neck skin.
3. Use a cross-slot screwdriver on the slots in the body skeleton to loosen the two screws holding the neck in place.



9. Attached batteries are for the usage of operation check. There is a possibility that battery life is short.

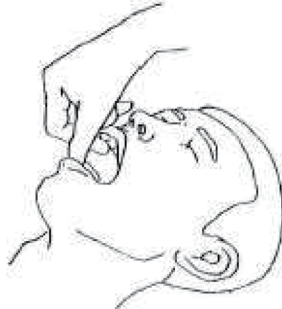
1. Configuration and Components



2. Handling the Model

(1) Battery check

Press on the upper teeth with a finger to ensure the warning sound is generated correctly. If the warning sound is not generated, replace the batteries.



*The warning sound informs you when pressure is applied to the upper teeth and also prevents tearing of the skin.

*Warning sound volume varies between products (component specification: 70 ± 10 dB)

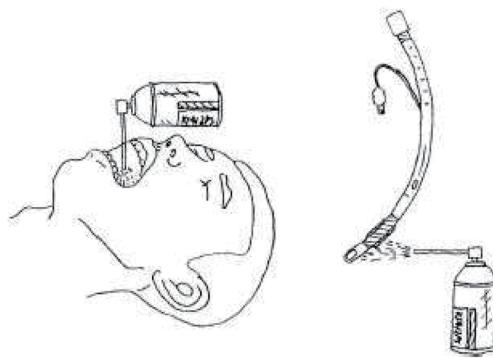
(2) Lubricant treatment

Before practicing securing an airway with the various devices, spray a generous amount of lubricant (silicone spray) in the oral cavity and the larynx. In particular, be sure to spray deep down into the throat when using devices that will be inserted into the esophagus.

Spray the nasal passage when using the transnasal airway.

Also spray the devices that will be inserted.

*Lubricant (silicone spray) is not included in the kit. Prepare lubricant in advance, referring to the precautions .

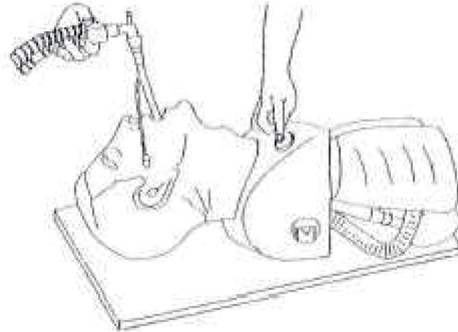


(3) Practice clearing the airway

The devices for insertion should be used as described in their handling procedures.

(4) Checking respiratory sound

When sending air into an airway that has been secured with a device, the respiratory sounds of the right and left lungs can be checked with a stethoscope just below the clavicle.



(5) Checking dilation of the stomach

Dilation of the stomach can be checked when air is sent into the esophagus.

3. Caring for the Model

1. If the model becomes dirty, wipe it with a moist gauze or similar material using a neutral solvent diluted with water.
2. To clean difficult to remove smudges or marks, wipe with a moist cloth using a sanitizing ethanol.
3. Do not use thinners, benzene, or similar solvents.

4. Repair

If the model breaks or becomes damaged, contact your distributor or Koken Co., Ltd. for repairs.

5. Accessories

Product name	Quantity
Storage case	1
AA size batteries	2
Instruction Manual	1

6. Optional Items

Product name	Product No.
Simulated foreign objects	LMV-01
Replacement tongue	LM-059A

7. Specifications

	Length	Width	Height	Weight
Main body	Approx. 60cm	Approx. 30cm	Approx. 27cm	Approx. 8kg
Storage case	Approx. 64cm	Approx. 36cm	Approx. 36cm	Approx. 6kg
Power supply	AA size batteries (for warning sound)			