

# Neonatal Resuscitation Model

LM-089

## Instruction Manual

Thank you for purchasing the Neonatal Resuscitation 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 to ensure safe, long-term use of the product.**

**The following precautions should be observed particularly strictly:**

1. This product is made from a special silicone with a feel similar to that of a living body. Please handle it carefully, as you would a living body, as much as possible. The application of excessive force may damage the product.
2. If you sense any abnormalities in action during use, immediately cease training and have the product inspected and repaired by our company.
3. Under any circumstances, please avoid using this product outdoors on rainy days, in damp conditions, or when the product is wet, as this may cause damage.
4. Please avoid exposing this product to direct sunlight as much as possible when using it outdoors.

## Caring for the model after use

1. Any oil-based ink, pencil, chalk, paint, etc., used will soak into the model and become impossible to remove. Please do not use any of these under any circumstances.
2. If the skin of the model becomes dirty, please wipe it off with a soft cloth such as gauze soaked in mild detergent diluted with water.
3. To remove tough stains, please wipe them off with a soft cloth such as gauze soaked in ethanol for disinfection.
4. Please avoid using solvents such as paint thinner or benzene under any circumstances.
5. Please store the model in the correct position to avoid deformation.
6. Please store the model in a place where it will not be exposed to direct sunlight or ultraviolet light.



## Handling and Safety Precautions

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

**The following precautions should be observed when using this product for exercises:**

1. This product cannot be used for bathing exercises. Please do not immerse the product in water, hot water, etc., as this will impair normal use.
2. If this model is used in airway management training using a tracheal tube or laryngeal mask, please first spray a lubricant (silicone spray) into the oral cavity of the model and onto the tip of the tracheal tube or laryngeal mask.
3. Lubricant (silicone spray) is not included. Please prepare the lubricant in accordance with the following precautions.
  - Please use a silicone oil-based lubricant (silicone spray).  
Use of a spray containing oil other than grease or silicone oil can damage the model.  
Please ensure that you use silicone spray.
  - Please use an aerosol lubricant (silicone spray).
  - Please use the prepared lubricant (silicone spray) after spraying a small amount onto a part of the model that does not interfere with its functioning and checking that no problems occur.
4. Please do not attempt mouth-to-mouth artificial respiration, as the inside of the airway cannot be disinfected due to the structure of the model.
5. Air leakage can occur during positive-pressure ventilation using a bag valve mask.
6. Umbilical vein catheterization can be practiced, but please do not administer any actual drug solution or water, because this model has no drainage function.
7. Pulling strongly on the umbilical cord or tube for umbilical cord pulsation can damage the model.
8. Elevation of the chest can be observed when using this model with a ventilator attached to the flow rate inflatable bag due to the structure of this product. However, the ventilator alarm may continue to sound.

1. The contents of this instruction manual are subject to change without notice.
2. This instruction manual may not be reproduced in part or in its entirety without permission.
3. Please contact the manufacturer in the event that any errors or omissions are found in the contents of this instruction manual.
4. This product should be used only as described in this instruction manual. In particular, the product should not be used in any way that contravenes the precautions noted in the instruction manual.

## Table of Contents

1. Outline and Features
2. Components and Configuration
3. Handling
  - Airway management using equipment
  - Pulsation of the umbilical cord
4. Specifications

# 1. Outline and Features

## Outline

This model is for neonatal cardiopulmonary resuscitation training.

It is suitable for training in each technique and in basic handling of newborns.

## Features

1. This product is made of a silicone rubber that has a realistic texture and feel.
2. Elevation of the chest can be observed through positive-pressure ventilation utilizing a bag valve mask, etc.
3. The airway can be managed by utilizing the tracheal tube or laryngeal mask.
4. With deep-seated intubation of the tracheal tube, elevation of the right lung can be checked during tracheal intubation. (One-sided lung intubation)
5. A tube can be inserted for oral and nasal suction.
6. Chest compression can be practiced. The xiphoid process of the sternum can also be checked.
7. Umbilical vein catheterization can be practiced.
8. Pulsation at the base of the umbilical cord can be measured to determine the heart rate.

# 2. Components and Configuration



Components	Quantity
① Neonatal resuscitation model main body	1
Storage bag	1
Instruction manual (this document)	1

### 3. Handling

#### Airway management using equipment

Please ensure that you apply a silicone lubricant spray to the tip of the tube and within the oral cavity of the model when using the tracheal tube and laryngeal mask. Inserting this equipment into the model without applying a silicone lubricant spray can cause damage. (The same applies when inserting a suction tube into the nasal cavity)

\* No lubricant (silicone spray) is included. Please prepare the lubricant (silicone spray) after reading the precautions regarding lubricants (P.2).



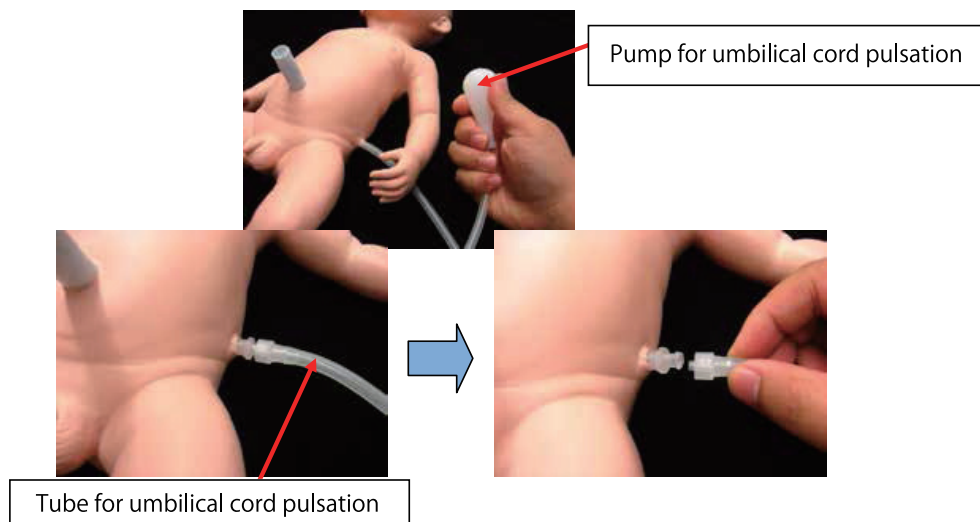
Compatible tube sizes are shown in the table below.

Tube name	Compatible size	Remarks
Tracheal tube	Internal diameter, 3.5 (mm)	Tracheal tubes with an internal diameter of 3.0 mm or less can be used, but a lot of air will leak from these.
Laryngeal mask	Size 1	Sizes 2 and above are not compatible.

#### Pulsation of the umbilical cord

Pulsation at the base of the umbilical cord can be measured by squeezing and opening the pump for umbilical cord pulsation protruding from the model.

Moreover, by releasing the connector on the left flank of the model, the tube for umbilical cord pulsation can be removed. Please remove the tube when it is not needed.



## 4. Specifications

Product name	Height	Weight
Neonatal resuscitation model: Main body	Approx. 50 cm	Approx. 2,500 g