

Instruction Manual

Nasco Healthcare “Airway Larry” Airway Management Trainer 2.0



LF03550 & LF03550M

Nasco
HEALTHCARE

About the Trainer

The “Airway Larry” Airway Management Trainer 2.0 is a realistic trainer for use in training procedures for intubation and other airway management skills. The Trainer is anatomically correct with respect to both size and detail. Landmarks include nostrils, teeth, oral and nasal pharynx, larynx, cricoid ring, epiglottis, arytenoid, false and true vocal cords, trachea, and esophagus.

Nasco Healthcare’s “Airway Larry” allows the user to practice oral, digital, and nasal intubation. E.T., E.O.A., P.T.L.[®], L.M.A., E.G.T.A., Combitube[®], and King System insertion can all be practiced using this trainer. Suction techniques and proper cuff inflation can also be performed and evaluated.

In addition, this model allows students to apply cricoid pressure during the intubation procedure (Sellick’s Maneuver). By locating the larynx and depressing the cricoid ring, the student may realistically lower the vocal cords farther into the field of view. This also effectively closes off the esophagus of the trainer.

With proper care, this Airway Management Trainer will provide years of valuable service. Please review the instructions carefully prior to use.

List of Components:

1. “Airway Larry” Airway Management Trainer 2.0 with Stand
2. Left and Right Simulated Lungs
3. Simulated Stomach
4. 8oz Bottle of Lubricant
5. 3 Red Caps
6. Carry Case
7. Quick Start Guide
8. Warranty Card



Setup Instructions Prior to Use:

1. Remove Airway Management Trainer, Stand, and other components from Carry Case
2. Connect the trainer to the stand via the keyhole connection.
3. Connect Simulated Lungs to right and left trachea connections.
4. Connect Simulated stomach to esophagus connection.
5. Lubricate the simulator and supplies being used with the Nasco lubricant provided.
6. Trainer is ready to use.

General Instructions For Use

A. Intubating the Airway Management Trainer

1. Determine the method of intubation.
2. Select appropriately-sized intubation appliance:
Nasco recommends the use of a 7.5 - 8.0mm endotracheal tube for oral intubation and 7.5mm or smaller for nasal intubation
3. Generously apply lubricant to the airway and intubation appliance.



4. Intubate the manikin.
5. Visualize the chest rise or stomach inflation.
6. Ensure the cuff is properly deflated before removing the appliance.
Ensuring the cuff is properly deflated prior to removal will prolong the useful life of the trainer

7. Ensure all appliances are removed prior to storage

Note: Damage caused by improper use of the trainer will not be covered under warranty

B. Removing the Airway Management Trainer from the Stand

1. Remove the existing head by first removing the lung bags. Set them aside for future use.
2. Loosen the pinch clamp on the esophagus and remove the stomach bag.
3. Turn the head until the keyways on the neck and the stand align.
4. Lift the head and pull gently to remove from stand.



Care & Maintenance

A. General Cleaning

Normal surface oil can be removed from the trainer with mild, soapy water. Stubborn stains may be removed using Nasco Cleaner (LF09919). Simply apply the Nasco Cleaner to the soiled area and wipe clean with a soft cloth.

Note: Do not use cleaner around the mouth and nostrils if students will be administering direct mouth-to-mouth resuscitation techniques, as the cleaner may be toxic if ingested.

B. Cleaning the Airway Management Trainer Head

1. Remove the lungs and stomach from the Trainer.
2. Remove the head from the stand using the same methods previously described.
3. Take the Trainer to an area with a sink and open counter space. Using the red caps supplied, plug the right and left bronchi and the esophagus. Re-apply the esophagus clamp.
4. Stabilize the head on the counter, face-up (towels work well for this) with plugged tubes hanging over the sink.
5. Carefully pour warm, soapy water (a mild dish soap works best) into the mouth until the water level reaches halfway up the tongue.
6. Tilt the head back and bring the neck up 3” off the countertop.
7. Continue filling until the water level covers the tongue. Take a small, soft brush and gently scrub the inside of the mouth (a small toothbrush works well for this). Cotton swabs can be used to scrub inside the nostrils.
8. When done, pull the red cap from the esophagus and drain the water into the sink.
9. Now pick up the head, hold it in a vertical position, and pull the caps from the bronchi to completely empty the system.
10. Rinse the airway, following the same procedure used to clean, with warm tap water only. Repeat this process until all the soap has been flushed from the system.



C. Disinfecting the Airway

To disinfect, repeat the standard cleaning procedure with a bleach solution, as specified by the Centers for Disease Control.

1. Fill the system with the solution until it reaches the corners of the mouth. Remember to start filling with the head flat, and finish with the neck slightly elevated to ensure the solution completely fills all airway passages.
2. Once completely filled with the bleach solution, allow the head to sit for at least 10 minutes.
3. Drain as previously described and repeat the rinsing process to flush out all of the bleach solution. Set the head aside and allow it to air-dry completely prior to next use or storage.

Cautions

1. Do not place trainer in contact with any printed paper or plastic. Any ink present will transfer and leave indelible stains. Similar inks, such as a ball-point pen, should be kept away from this trainer.
2. Always properly lubricate the trainer and intubation appliance. Only use the Nasco lubricant provided. Other lubricants may cause damage to the airway of the trainer.
3. Improper use of the intubation appliances could damage the airway of this trainer. Damage to the airway will require the product be returned to Nasco for repair.

Replacement Parts & Supplies

LF03605	Replacement Lungs	LF03681	Hard Carry Case for Airway Trainer
LF03606	Replacement Stomach	LF09919	Nasco Cleaner
LF03644	Pump Spray Lubricant		
LF03735	Mounting Kit for “Airway Larry” Airway Management Head		

Warranty

The manikin comes with a 5-year warranty, which can be found in detail on the card shipped with the product.

Actual product may vary slightly from photo.
Nasco reserves the right to change the product color, materials, supplies, or function as needed.

