



Airway Management Trainer Torso

LF03602U

INSTRUCTION MANUAL



5-Year Warranty

ABOUT THE SIMULATOR

The **Life/form®** Airway Management Trainer Torso is a realistic simulator available for the training of intubation and other airway management skills. Landmarks include nostrils, teeth, tongue, oral and nasal pharynx, larynx, epiglottis, arytenoid, false and true vocal cords, trachea, esophagus, lungs, and stomach.

Nasco's Airway Management Trainer Torso allows you to practice oral, digital, and nasal intubation. E.T., E.O.A., PTL®, and Combitube® insertion can all be practiced as well. Suction techniques and proper cuff inflation can also be performed and evaluated. Insert the compression springs to allow for adult resistance compressions with palpable and visual landmarks. Squeeze the hand pump for bilateral carotid pulse.

With proper care, your Life/form® Airway Management Trainer Torso will provide years of valuable service. Please review the instructions carefully for setup, cleanup, and maintenance procedures.



LIST OF COMPONENTS (Pictured Above)

- Airway Management Training Head with Torso
- 8-oz. Bottle of Spray Lubricant
- Compression Springs
- Red Caps
- Short Sleeve Jacket (not pictured)
- Lungs



Figure 1



Figure 2



Figure 3



Figure 4

SETUP

1. Remove it from the carton and unwrap the packaging material. Retain packing material for future storage as needed.
2. Remove chest skin, chest plate, lungs and upper compression plate. Install the compression springs in the lower compression plate. (See *Figure 1*).

SETUP CONTINUED

3. Replace the upper compression plate over the springs. Feed the lungs through the hole in the upper compression plate. (See *Figure 2*).
4. Connect the lungs to the bronchi by sliding the red caps over the white fittings. (See *Figure 3*).
5. Ensure the stomach tube is connected to the esophagus and replace the chest plate over the connected lungs. (See *Figure 4*).
6. Replace the chest skin.

LUBRICATION

Before using the Airway Management Trainer Torso, lubricate both the simulator and supplies being used with the Nasco lubricant provided. (See *Figure 5*.)

Note: Nasco recommends the use of the provided lubricant or a similar vegetable-based lubricant for the Airway Management Trainer Torso. The use of a silicone-based lubricant may cause damage to the simulator, thus voiding Nasco's warranty on the trainer.



Figure 5



Figure 6



Figure 7



Figure 8

CLEANING AND MAINTENANCE

To clean the Airway Management Trainer, you will first need to remove it from the torso. To do this, reverse the setup instructions above, remove the chest skin and then the chest plate, exposing the lungs. Disconnect the lungs from the bronchi by pulling the red caps from the white connectors and slide the pinch clamp apart to pull the stomach tube free. (See *Figure 6*.) Now that the head has been disconnected from the airway and stomach, rotate it 180° so that it is facing backwards. The large tab on the front of the neck should be aligned with the keyway in the torso. Tilt the head upward until it snaps free. (See *Figure 7*.) Disengage the smaller rear tabs from the neck opening and pull the head from the body.

Once the head is off the body, place a cap plug (supplied) on each end branch of the bronchi and esophagus. (See *Figure 8*.) You are now ready to begin the cleaning process. Take the trainer to an area with a sink and open counter space.

Stabilize the head on the counter face-up (towels work well for this) with the plugged tubes hanging over the sink. Carefully pour warm soapy water (a mild dish soap works best) into the mouth until the water level reaches halfway up the tongue. Now tilt the head back and bring the neck up 3" off the countertop.

Continue filling until the water level covers the tongue. At this point, 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. When done, pull the plug from the esophagus and drain into the sink. Now pick the head up, hold it in a vertical position, and pull the plug from the trachea to completely empty the system. (See Figure 9.)

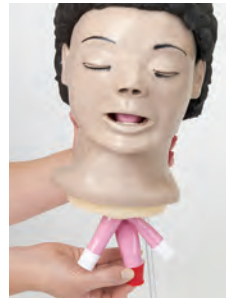


Figure 9

RINSING THE AIRWAY

To rinse the airway, follow the same procedure using clean, warm tap water. Repeat this process until all the soap has been flushed from the system.

DISINFECTING THE AIRWAY

To disinfect, repeat the standard cleaning procedure, but this time use a bleach solution instead of soapy water, as specified by the Centers for Disease Control. 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 that the solution completely fills all airway passages. Once completely filled with the bleach solution, allow the head to sit for at least 10 minutes. Drain as described earlier and repeat the rinsing process to flush out all of the bleach solution. Set the head aside and allow it to dry completely.

CLEANING THE FACE

Normal soil can be removed from the face of the trainer with mild, soapy water. Nasco Cleaner (LF09919U) will remove stubborn stains. Simply apply Nasco Cleaner to the soiled area and wipe clean with a soft cloth or paper towel. Note: Do not use Nasco Cleaner around the mouth and nostrils, as the residue of the cleaner could be toxic.

CAUTION

Never place the trainer on any kind of printed paper or plastic. These materials will transfer indelible stains. Ballpoint pens will also make indelible stains.

SUPPLIES/REPLACEMENT PARTS FOR THE AIRWAY MANAGEMENT TRAINER TORSO

- LF03285U** Replacement Lungs
- LF03644U** Pump Spray Lubricant
- LF09919U** Nasco Cleaner

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

Other Compatible *Life/form* Simulators

- LF03214U** Injectable Training Arm
- LF03204U** Blood Pressure Simulator
- LF03652U** Defibrillation Chest Skin
- LF03684U** Advanced "Airway Larry" Airway Management Trainer Head



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