

Mini Ventilation Training Analyzer

Students being trained in Bag-Valve-Mask ventilation are generally taught to “ventilate until the chest rises”. However studies have shown that the delivery of incorrect rates and volumes (Inadvertent Hyperventilation) is common. Inadvertent Hyperventilation has been shown to cause increased cerebral ischemia, decreased coronary perfusion pressure and gastric insufflation. If the lungs are over-inflated or the delivered flow rate is too high, the high airway pressure generated will cause air to enter the stomach. In real life this can only be seen when the patient’s abdomen distends and/or they begin to vomit.

The **Mini Ventilation Training Analyzer** has been developed to demonstrate the correct ventilation technique when using a Bag-Valve-Mask resuscitator (BVM) and the complications of gastric insufflation associated with incorrect technique.

Based on a “normal” adult lung capacity, compliance, airway resistance and lower esophageal sphincter (LES) pressure, the **Mini Ventilation Training Analyzer** responds to the student’s squeeze of the BVM like a real patient. If they squeeze the BVM too quickly or forcefully, the high pressure they generate (due to the high air flow from the BVM) will cause air to enter the “stomach” through the calibrated LES.

Designed for BVM training at all levels of rescuer - Doctors, Nurses, Respiratory Therapists, Paramedics, EMTs, Fire Fighters, First Responders CPR Instructors and students, the **Mini Ventilation Training Analyzer** is a unique training tool that teaches real life skills while identifying real life problems. It can also be used for training in the proper use of manually triggered, gas powered resuscitators.

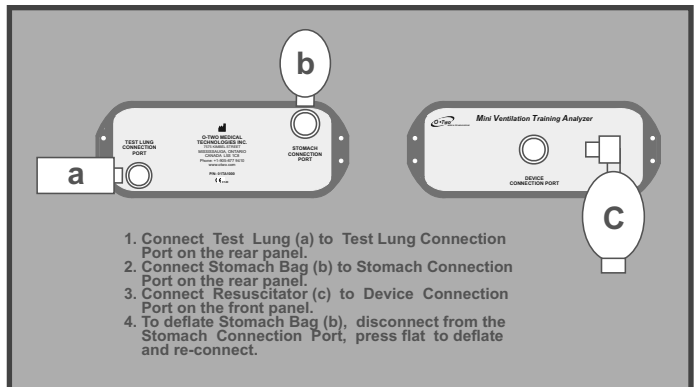


Features

- Small, lightweight and easily portable
- Carrying case with shoulder strap
- Simple to assemble
- Calibrated “Lower Esophageal Sphincter”
- Simulated stomach
- Calibrated Test Lung with compliance band and normal airway restriction
- 22/22mm BVM connector
- Unique “Stomach” connector
- 22mm lung connector

Assembly Instructions

Full instructions for assembly of the MVTA are on the top of the control unit:



Cleaning Instructions

- Remove the BVM, Test Lung and “Stomach” from the control unit.
- All components may be wiped clean with a hard surface disinfectant. To remove ingrained dirt use a soft nail brush.
- Reassemble in accordance with the instructions on the top of the control unit.

Warning:

Do not immerse the control unit or the components in liquids. This device and its components must not be steam sterilized.

Ordering Information:

- 01TA1000** **Mini Ventilation Training Analyzer** with calibrated test lung, stomach and lower esophageal sphincter valve
- 01TA1200-MO** **Mini Ventilation Training Analyzer** complete training kit in softpack carrying case c/w **SMART BAG® MO** Controlled Ventilation BVM and **Easy Grip®**
- 01TA1851** **Replacement Calibrated Test Lung with Compliance Band and Airway Restrictor**
- 01BM3326-Assy** **Replacement Stomach Bag**



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