Mini Ventilation Training Analyzer

o_two controlled™ ventilation

TEACHES THE PROVIDER TO ELIMINATE INADVERTENT HYPERVENTILATION

Healthcare providers being trained in bag valve mask (BVM) ventilation are generally taught to ventilate until the chest rises. However, studies have shown that the delivery of incorrect rates and volumes is common.

Inadvertent hyperventilation (the accidental delivery of an excessive minute volume) has been shown to cause increased cerebral ischemia, decreased coronary perfusion pressure and gastric insufflation. In the unprotected airway, 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 BVM resuscitator and the complications of gastric insufflation associated with incorrect technique.

Based on a "normal" adult lung capacity, compliance, airway resistance and lower esophageal sphincter pressure (LESP) of 19 cmH2O, the Mini Ventilation Training Analyzer responds to the Healthcare provider's squeeze of the BVM like a real patient.

If Healthcare providers 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 lower esophageal sphincter.

Designed for manual ventilation 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.

SMALL, LIGHTWEIGHT AND EASILY PORTABLE

SIMPLE TO ASSEMBLE

CALIBRATED "LOWER ESOPHAGEAL SPHINCTER"

SIMULATED STOMACH

CALIBRATED TEST LUNG WITH COMPLIANCE BAND AND NORMAL AIRWAY RESTRICTION

22/22 MM BVM CONNECTOR

30 MM "STOMACH" CONNECTOR

UNIQUE LUNG CONNECTOR

INSTRUCTIONS FOR USE PRINTED ON TOP OF THE TRAINING ANALYZER

ORDERING INFORMATION

01TA1000	Mini Ventilation Training Analyzer complete with Calibrated Stomach Simulator, Calibrated Lung Simulator, 22/22 mm BVM Connector, in Softpack Carrying Case with Shoulder Strap	Each
01TA1851	Replacement Calibrated Test Lung c/w Compliance Band and Airway restrictor	Each