



Comparison of Features between SmartMan and Airway SmartMan



The Manikin	SM	ASM
General		
<i>Fully compliant with Guidelines 2010</i>	✓	✓
<i>Lifelike Skin and Chest with Adjustable Chest Resistance (Youth to Adult)</i>	✓	✓
<i>Full working head tilt-chin lift</i>	✓	✓
<i>Jaw Thrust</i>	✓	
<i>Patented Hygiene System Designed for easy cleaning in Mouth-to-Mouth</i>	✓	
<i>Working Esophagus and Trachea</i>		✓
<i>Designed for Intubations and detects air going into the stomach</i>		✓
<i>Creates negative pressure in chest on release of chest compressions</i>		✓
Extras included		
<i>Extra faces and bags for lungs</i>	✓	
<i>Training Jacket</i>	✓	✓
<i>Padded Mat Carrying Bag</i>	✓	✓
The Software		
General		
<i>Real time feedback (as you perform you immediately see it on the screen)</i>	✓	✓
<i>Practice Mode and Test Mode</i>	✓	✓
<i>Perform with Visual Feedback showing or without Visual Feedback</i>	✓	✓
<i>Store results locally or submit the data to a server</i>	✓	✓
<i>Register an Individual, bulk registration and pre-registration template</i>	✓	✓
<i>Regular Software Updates</i>	✓	✓
Chest Compressions		
<i>30:2 and Continuous Compressions</i>	✓	✓
<i>Continuous Compressions on Intubated patient</i>		✓
<i>Shows the depth in real time</i>	✓	✓
<i>Shows the rate in real time</i>	✓	✓
<i>Shows non-recoiled chest and the amount of non-recoil in real time</i>	✓	✓
<i>Shows if too deep or too shallow and if you hit the bottom</i>	✓	✓
<i>Shows you hit the bottom</i>	✓	✓
Ventilations		
<i>Accurate Inspiration volume and rate with Mouth-to-mouth</i>	✓	
<i>Accurate Inspiration volume and rate with BVM and regulator</i>	✓	✓
<i>Accurate Inspiration volume and rate when intubated</i>		✓
<i>Shows if BVM is held preventing full natural exhalation</i>	✓	✓
<i>Shows tidal nature of ventilations</i>	✓	✓

<i>Detects air going into Stomach</i>	✓	✓
<i>Rescue Breathing</i>	✓	✓
<i>Practice Activity for Breaths given in CPR (2 correct breaths in 4 seconds)</i>	✓	✓
<i>Shows interval between breaths in real time</i>	✓	✓
Special Ventilation Training Activity		
<i>Practice Activity to Teach Correct Squeezing of BVM (rate and volume)</i>	✓	✓
<i>Practice Activity to Teach Correct release of BVM after correct volume</i>	✓	✓
<i>Practice Activity to Achieve Correct Tidal Flow of a ventilation</i>	✓	✓
<i>Practice slowing inspiration and full release of BVM</i>	✓	✓
Regular CPR Skills		
<i>CPR with BVM or regulator</i>	✓	✓
<i>CPR with an Advanced Airway</i>		✓
<i>Shows timing of ventilation for the cycle as well as volume and rate</i>	✓	✓
<i>One Person CPR records time for change over</i>	✓	✓
<i>One Person CPR shows effectiveness of total compressions and ventilations</i>	✓	✓
<i>Two Person CPR records time for change over</i>	✓	✓
<i>Two Person CPR shows effectiveness of total compressions and ventilations</i>	✓	✓
Continuous Chest Compressions with Advanced Airway		
<i>Continuous Chest Compressions On an Intubated Patient</i>		✓
<i>Start timing before or after placement of Intubation Device</i>		✓
<i>Learn to optimize ventilations when patient is intubated</i>		✓
<i>Learn to ventilate as the chest is released</i>		✓
<i>Shows whether ventilations started as chest being pushing down or on release</i>		✓
<i>Improve working together for benefit of Patient</i>		✓
Special Airway Management Activity		
<i>Accuracy of Placing the Intubation Device</i>		✓
<i>Time for Proper Placement</i>		✓
<i>Effectiveness of the Seal</i>		✓
Results		
<i>Summary Percentage Score</i>	✓	✓
<i>Full Review of Bar Graphs</i>	✓	✓
<i>Detailed Analysis of Skills</i>	✓	✓
<i>Review Results at any time</i>	✓	✓
<i>View Previous Results</i>	✓	✓
<i>Print of Results</i>	✓	✓
<i>Screen Print of All Screens</i>	✓	✓
<i>Storage on Local Machine</i>	✓	✓
<i>Archive of Results on Server</i>	✓	✓
Other Included		
<i>No Batteries Required</i>	✓	✓
<i>No External Power Needed</i>	✓	✓
<i>Technical Integration Kit built in</i>	✓	✓

<i>Manual and Auto calibration</i>	✓	✓
Admin Module		
<i>Password Protection</i>	✓	✓
<i>Linked to key Codes</i>	✓	✓
<i>Define Group</i>	✓	✓
<i>Define Group by Key Code</i>	✓	✓
<i>Define Group by Date of Results</i>	✓	✓
<i>Define Group by Profession (User selectable)</i>	✓	✓
<i>Ability to clean up data</i>	✓	✓
<i>Filter by Skill</i>	✓	✓
<i>Filter by CPR Skill</i>	✓	✓
<i>Filter by Test Type</i>	✓	✓
<i>Filter by Number of Attempts</i>	✓	✓
<i>Filter by Date and Time</i>	✓	✓
<i>Filter by Score</i>	✓	✓
<i>Display Graph of filtered results</i>	✓	✓
<i>Display Trend Summary of Scores</i>	✓	✓
<i>Display Descriptive Statistics</i>	✓	✓
<i>Display a Total Data Plot</i>	✓	✓
<i>Display a comparison of percentage and compliance scores</i>	✓	✓
<i>Export</i>	✓	✓
<i>Export filtered results to Excel</i>	✓	✓
<i>Export filtered results to comma delimited file</i>	✓	✓
System Requirements		
<i>Pentium IV Processor or equivalent, 1024 x 768 resolution minimum, 4 gig ram recommended, XP, Vista, Windows 7 USB port, internet access recommended. Note: Computer Not Included.</i>	✓	✓

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