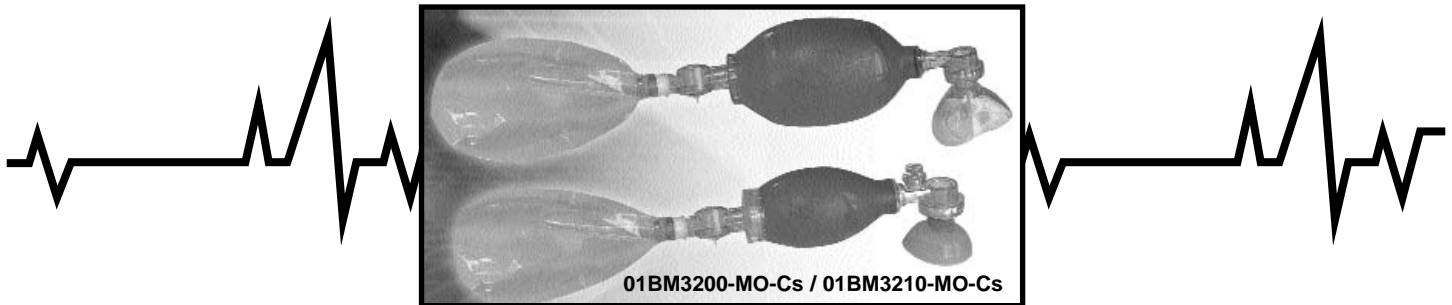


# SMART BAG<sup>®</sup> MO

## Disposable Bag-Valve-Mask Resuscitator

*"The Most Revolutionary Advance in BVM Design for Over 40 Years"!*



The **SMART BAG<sup>®</sup>MO** Disposable Bag Valve Mask Resuscitator is a single use device for manual ventilation. The **SMART BAG<sup>®</sup>MO** offers accurate controlled ventilation that significantly reduces the risk of gastric insufflation. The patient's airway pressure is maintained at an optimally low level due to the **SMART<sup>®</sup>** technology in the bag that responds to both the rescuer's squeeze of the bag and the patient's own respiratory condition. It is designed for use in various clinical settings to provide respiratory support to the respiratory distressed or non-breathing patient.

The Child resuscitator comes standard with a Pressure Relief Valve set at 40 cmH<sub>2</sub>O which can be overridden by the operator. A pressure relief system, set at either 40 cm H<sub>2</sub>O or 60 cmH<sub>2</sub>O, is available for the Adult resuscitator.

When used with a supplemental oxygen supply, the device may provide 100% oxygen on every squeeze of the bag.

When difficulties arise in obtaining an effective mask

seal, or the patient's respiratory condition requires the provision of high flowrates and an increase in airway pressure, the **MANUAL OVERRIDE MECHANISM** of the **SMART BAG<sup>®</sup> MO** allows the rescuer to "Disable" the **SMART<sup>®</sup>** technology and use the **SMART BAG<sup>®</sup> MO** as a standard BVM!

### Warning:

The **SMART BAG<sup>®</sup>MO** Disposable Bag Valve Mask Resuscitator should only be used by personnel trained in Cardio Pulmonary Resuscitation and in the use of this device.

Use only as directed. Improper usage or unauthorized modification of this product may result in user or patient injury.

### Caution:

Federal (USA) law restricts this device to sale by or on the order of a physician.

### Ordering Information:

**01BM3200-MO-cs** Disposable **SMART BAG<sup>®</sup>MO** (Adult) c/w face mask and reservoir system. Case of 6

**01BM3210-MO-cs** Disposable **SMART BAG<sup>®</sup>MO** (Child) c/w face mask and reservoir system. Case of 6

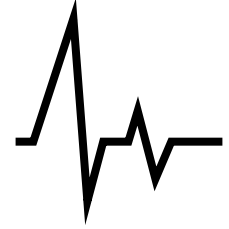


### Specifications

Storage Temperature Range:	-40°C to 60°C (-40°F to 140°F)	Patient Valve Deadspace:	7.0 ml
Operating Temperature Range:	-18°C to 50°C (-0°F to 122°F)	Reservoir volume:	2700 ml
Inspiratory Resistance:	3.3cm H <sub>2</sub> O	Expiratory Resistance:	2.2cm H <sub>2</sub> O
	<b>Adult</b>	<b>Child</b>	
Bag Volume:	1700 ml	470 ml	
Stroke Volume:	900 ml	250 ml	
Maximum Cycle Rate:	45 BPM	100 BPM	
Pressure Relief:	(Optional 40 or 60 cmH <sub>2</sub> O)	40 cmH <sub>2</sub> O	

**Preparation for use:**

1. Inspect the **SMART BAG<sup>®</sup>MO** resuscitator to ensure that all components are present and properly assembled.
2. Test for leaks by occluding the patient port completely squeezing the bag (Any leaks in the system may prevent the delivery of sufficient volume to the patient).
3. Squeeze and release the **SMART BAG<sup>®</sup>MO** hard a few times to ensure that air is moving through the valve system to the mask. The **SMART<sup>®</sup>** Valve in the neck of the bag should move freely indicating increased airway pressure and you should notice an immediate increase in bag tension (stiffness).
4. Gently squeeze and release the **SMART BAG<sup>®</sup>MO** a few times to ensure that the bag tension is reduced and the **SMART<sup>®</sup>** Valve in the neck of the bag does not move forward when you gently squeeze. This provides confirmation that the airway pressure will be kept to the minimum required for adequate ventilation to occur while reducing the risk of gastric insufflation.
5. If using supplemental oxygen, attach the reservoir system to the bag refill port and ensure that the oxygen tubing is attached to an oxygen source with a flow rate of at least 15 lpm. Ensure that the collapsible reservoir system is fully extended to allow maximum oxygen storage.



<b>Oxygen concentration (%) delivered by Adult SMART BAG<sup>®</sup>MO Resuscitator</b> (values in parentheses are without an oxygen reservoir)						
<b>O2 Input l/min</b>	<b>Tidal Volume (ml) x Ventilation Frequency (BPM)</b>					
	<b>600 X 12</b>	<b>600 x 20</b>	<b>750 X 12</b>	<b>750 X 20</b>	<b>1000 X 12</b>	<b>1000 X 20</b>
5	82 (32)	58 (34)	65 (34)	50 (30)	55 (31)	45 (31)
10	97 (37)	80 (38)	97 (37)	97 (36)	88 (36)	62 (36)
15	99 (46)	97 (45)	99 (46)	99 (44)	97 (44)	90 (46)

<b>Oxygen concentration (%) delivered by Child SMART BAG<sup>®</sup>MO Resuscitator</b> (values in parentheses are without an oxygen reservoir)			
<b>O2 Input l/min</b>	<b>Tidal Volume (ml) x Ventilation Frequency (BPM)</b>		
	<b>70 X 30</b>	<b>200 X 30</b>	<b>300 X 30</b>
5	96 (66)	59 (38)	45 (33)
10	97 (82)	97 (48)	69 (38)
15	97 (89)	97 (48)	97 (48)

**Directions for use:**

**LOT #:**



1. Select the appropriate **SMART BAG<sup>®</sup>MO** resuscitator model for the size of patient to be ventilated.
2. Ensure that the patient's airway is clear of any obstructions and remains open by properly positioning the patient's head in accordance with local protocols.
3. Maintain a proper mask-to-face seal with one hand by lifting the chin upward with the last three fingers of the hand. Keep the index finger and thumb on top of the mask to form a tight seal around the patient's mouth and nose.
4. Gently squeeze the **SMART BAG<sup>®</sup>MO** with the other hand until the chest rises, then release. Ventilate the patient with a steady squeeze and release of the **SMART BAG<sup>®</sup>MO** allowing sufficient time between ventilations to allow for full emptying of the patient's lungs.
5. If the child **SMART BAG<sup>®</sup>MO** is being used and the Pressure Relief override is required to be applied, place a finger over the Pressure Relief Button, depress the button and rotate 90° to lock in place. To unlock simply rotate the button until the arrow lines up with the arrow on the patient valve and release.
6. If you are unable to effect a positive mask seal/good airway control, rotate the lock out mechanism to lock out the **SMART<sup>®</sup>** valve.
7. Safely dispose of the **SMART BAG<sup>®</sup>MO** after use in accordance with local protocols.



**O-Two Medical Technologies Inc.**  
 "Innovation in Resuscitation"<sup>™</sup>



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