

EASY GRIP®

Cold Chemical Sterilizable Bag-Valve-Mask Resuscitator



The **EASY GRIP®** Cold Chemical Sterilizable Bag-Valve-Mask Resuscitator is a reusable device for manual resuscitation. It is designed for use in various clinical settings to provide respiratory support to the respiratory distressed or non-breathing patient.

The Child and Infant Resuscitators come with a Pressure Relief Valve set at 40 cm H₂O, which can be overridden by the operator if desired. (This is optional on the Adult BVM).

When used as an oxygen supplemental device, these devices can provide upto 100% oxygen on every squeeze of the bag.

Warning:

The **EASY GRIP®** Cold Chemical Sterilizable Reusable 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:

- O1BM3700 **EASY GRIP®** Cold Chemical (Adult) c/w facemask and reservoir system.
- O1BM3710 **EASY GRIP®** Cold Chemical (Child) c/w facemask and reservoir system.
- O1BM3720 **EASY GRIP®** Cold Chemical (Infant) c/w facemask and reservoir system.

Specifications:

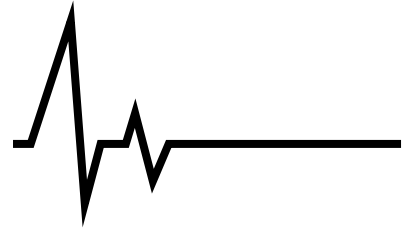
Storage Temperature Range: -40°C to 60°C (-40°F to 140°F)	Deadspace: 7.0 ml
Operating Temperature Range: -18°C to 50°C (0°F to 122°F)	
Inspiratory Resistance: 3.3cm H ₂ O	Expiratory Resistance: 2.2cm H ₂ O

	Adult	Child	Infant
Bag Volume:	1700 ml	470 ml	300 ml
Stroke Volume:	900 ml	250 ml	130 ml
Maximum Cycle Rate:	45 BPM	100 BPM	95 BPM
Pressure Relief:		40 cm H ₂ O	40 cm H ₂ O
Reservoir Volume:	2500 ml	2500 ml	1000 ml

Preparation for use:

1. Inspect the **EASY GRIP®** resuscitator to ensure that all components are present and properly assembled.
2. Test the function by occluding the patient port completely and check for resistance by squeezing the bag. (Any leaks in the system may prevent the delivery of sufficient volume to the patient).
3. Squeeze and release the **EASY GRIP®** resuscitator a few times to ensure that air is moving through the valve system to the mask.
4. If using supplemental oxygen, attach the reservoir system to the bag refill port and ensure that the oxygen supply tubing is attached to a flowing oxygen source of at least 15 lpm. Ensure that the collapsible reservoir system is fully extended to allow maximum oxygen storage.

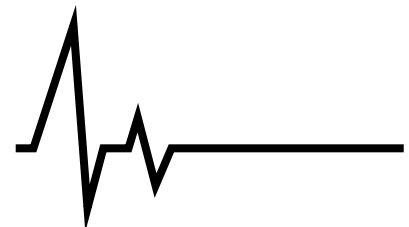
Oxygen concentration (%) delivered by Adult EASY GRIP® Resuscitator (values in parentheses are without an oxygen reservoir)						
O2 Input l/min	Tidal Volume (ml) x Ventilation Frequency (BPM)					
	600 X 12	600 x 20	750 X 12	750 X 20	1000 X 12	1000 X 20
5	82 (32)	58 (34)	65 (34)	50 (30)	55 (31)	45 (31)
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)



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



Oxygen concentration (%) delivered by Infant EASY GRIP® Resuscitator (values in parentheses are without an oxygen reservoir)				
O2 Input l/min	Tidal Volume (ml) x Ventilation Frequency (BPM)			
	20 X 30	20 X 60	40 X 60	70 X 60
5	97 (75)	97 (72)	97 (59)	85 (52)
10	97 (75)	97 (78)	97 (78)	85 (61)
15	97 (95)	97 (92)	97 (82)	97 (73)



Directions for use:

1. Select the appropriate **EASY GRIP®** resuscitator model for either Adult, Pediatric or Infant patient.
2. Ensure that the patient's airway is clear of any obstructions and remains open by properly positioning the head in accordance with recommended guidelines.
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 the top of the mask to form a tight seal around the patient's mouth and nose.
4. Gently squeeze the **EASY GRIP®** resuscitator with the other hand until chest rises, then release. Ventilate the patient with a steady squeeze and release of the **EASY GRIP®** resuscitator, allowing sufficient time between inspirations to allow the patient to exhale.
5. If the child or infant bag is being used and the Pressure Relief override is desired, place a finger over the Pressure Relief Button, depress the Pressure Relief Button & rotate 90° to lock. To unlock the Pressure Relief Button, rotate the button until the arrow lines up with the arrow on the patient valve.

Washing and Disinfection:

1. Disassemble all parts for Cleaning. Please do not disassemble the pressure relief valve spring, just rinse it directly.
2. Wash parts thoroughly in warm water using a mild detergent. Ensure that the detergent is compatible with resuscitation equipment.
3. Rinse all parts thoroughly in clean water to remove all traces of the detergent.
4. The **EASY GRIP®** may be sterilized by immersing in a legally marketed cold chemical sterilizing solution such as CIDEX or 10% Bleach.
5. Rinse all parts thoroughly in sterile water to remove all traces of the cold chemical sterilizing agent.
6. Dry the parts thoroughly, inspect all components for wear and reassemble the resuscitator replacing any parts as deemed necessary.
7. Inspect all components for wear and re-assemble the resuscitator replacing any parts as deemed necessary.
8. Test the function of the re-assembled resuscitator prior to use.
9. The reservoir system is not normally contaminated internally during use and may only require external cleaning and sterilization.

Sterilizing Timing

First use of the new resuscitator, when user changed or when the same user uses more than 48 hours.



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 "Innovation in Resuscitation"™



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