

# ONLY ONE



*a color-coded disposable manometer with integrated timing light for improved adult and pediatric ventilation.*

## LiteSaver<sup>®</sup> Manometer

- Variety of BVM configurations with LiteSaver manometer
- Easy-to-Use **timing light** with Pull Tab for activation
- Blinks every 6 seconds/10 breaths per minute
- Assists in Reduced risk of aspiration
- Assists in Reduced stacking of breaths
- Assists in Reducing risk of hyperventilation
- Assists with improved cardiac output
- Proper ventilation rates have been shown to improve outcomes

After pulling the red tab, a red light is activated and will blink every six (6) seconds as an indication for the clinician to squeeze the bag and ventilate the patient.

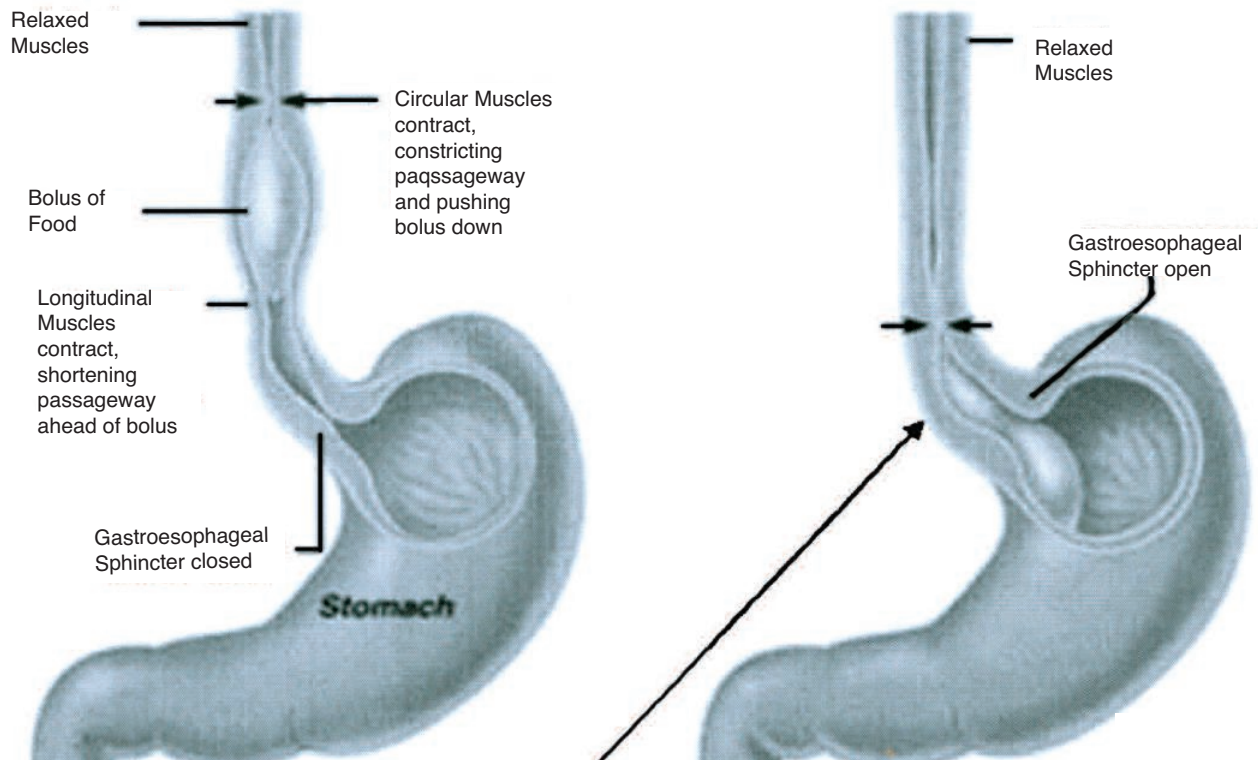
(Time Sequence - 10 breaths per minute)

**Mercury Medical<sup>®</sup>**  
Your Need . . . Our Innovation<sup>®</sup>

Patent #US 8,522,618 B1, #US 9,402,781 B2,  
#US D 748,773 S Other Patents Pending  
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# The *LiteSaver* Manometer Advantage

Having a manometer with **timing light** integrated with a BVM (CPR bag) is critical for validating delivered pressures and to help reduce the incidence of aspiration which can occur between 20 - 25 cm H<sub>2</sub>O as shown in the following illustration.



Gastroesophageal Sphincter opens at 20 - 25 cm of H<sub>2</sub>O, combined with ventilation could cause aspiration.\* Using a manometer on an adult bag can help to prevent this occurrence.

Delivering excessive ventilation rates can result in significantly increased intrathoracic pressure and markedly decreased coronary perfusion pressures and survival rates.\*\*



LiteSaver not only provides a time indicator for ventilation, it assists clinicians in delivering a safer, slower ventilation resulting in sufficient expiration time avoiding breath stacking and the risks associated with hyperventilation.

LiteSaver Manometer sequence can be used for adult and pediatric patients in respiratory or cardiac arrest only with an advanced airway - Based on 2015 AHA guidelines.

\*A reappraisal of Mouth-to-Mouth Ventilation during bystander-Initiated Cardiopulmonary Resuscitation. Circulation Magazine 1997.

\*\*Hyperinflation - Induced Hypotension During Cardiopulmonary Resuscitation, Circulation Magazine 2004.

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# LiteSaver<sup>®</sup>

## Manometer

Disposable Color-Coded Manometer  
with integrated **timing light**  
0-60 cm H<sub>2</sub>O

### Ordering Information:

Product #	Adult Bag	Small Adult Bag	Oxygen Bag Reservoir	Aerosol Tubing Reservoir (22mm)	Expandable Large Bore Oxygen Reservoir	Adult Cushion Mask	Small Adult Cushion Mask	Pediatric Cushion Mask	Quadralite Mask Size #3	PEEP Valve	Pop-Off	Flex-Link	Exhale Bacteria Filter	In-Line Bacteria Filter	Bag Handle (Strap)	StatCO <sub>2</sub> Detector	LiteSaver Timing Light with 0-60 cmH <sub>2</sub> O Manometer
10-58200	X		X								X						X
10-58201	X			X		X											X
10-58202	X		X								X				X		X
10-58203	X		X			X											X
10-58204	X		X			X				X							X
10-58205	X		X						X		X						X
10-58206	X		X			X					X						X
10-58207	X		X						X								X
10-58208	X		X						X			X			X		X
10-58209	X		X			X										X	X
10-58210	X		X			X							X				X
10-58500		X	X								X						X
10-58501		X	X								X						X
10-58502		X	X				X	X	X		X						X
10-58503		X	X				X	X			X						X
10-58000	X		X						X								X
10-58001	X		X						X			X					X
10-58002	X		X			X											X
10-58003	X		X						X			X				X	X
10-58100	X				X				X								X
10-58400		X				X											X
10-55365	Stand Alone Manometer				10-55366 Right Oriented LiteSaver Manometer					10-55367 Left Oriented LiteSaver Manometer							

■ = CPR 2 PVC ■ = CPR Thermoplastic Rubber

Note: Adult - 1,200 ML · Small Adult - 1,000 ML

### LiteSaver Specifications:

#### Manometer

Range: 0 - 60 cm H<sub>2</sub>O

Variance: ±3 cm H<sub>2</sub>O up to 15 cm H<sub>2</sub>O

± 5 cm H<sub>2</sub>O over 15 cm H<sub>2</sub>O

Port Size: 4.25 mm nominal

#### Directions for **Timing Light**:

1. Pull red tab to activate light.
2. **Timing Light** will appear every six (6) seconds, prompting user to squeeze bag and deliver 10 breaths per minute.

### Integrated **Timing Light** Specifications:

Ventilation Rate:

L x W x H  
(including pull tab)

Weight:

Light Cadence Time:

Brightness of LED:

Battery Shelf Life:

Storage Temperature:

Operating Temperature:

\*Approx. 10 breaths per minute

64 mm x 33 mm x 20 mm  
(2.51 in x 1.29 in x .78 in)

4.3 g

8 hr.

900 Millicandela (MCD)

2 years

-20 to 50°C (-4 to 122°F) per  
battery performance data  
provided by manufacturer

-5 to 40°C (23 to 104°F)

\*Specifications may vary depending on device and test methods.

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Manometer



**a color-coded disposable manometer  
with integrated *timing light* for improved  
adult and pediatric ventilation.**

*Another important development for better patient outcomes.*