



# Resuscitation Catalog

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

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..... **BVM Product Ordering and BVM Specifications & Performance** .....  
*are located at back of catalog.*

Available Now . . .

## Latex-Free CPR, CPR-2, Reusable BVM'S 3 Resuscitation Systems



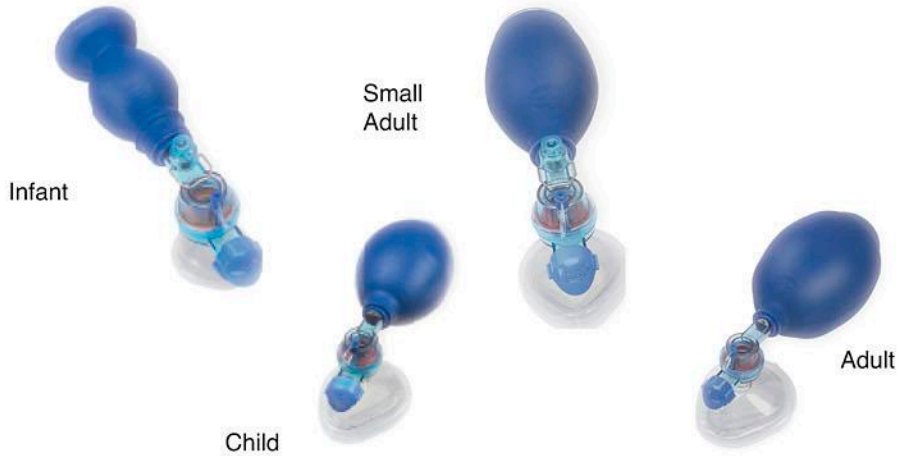
Finally . . .

*more affordable resuscitation systems & accessories with the  
Mercury Medical® quality you can count on.*

*Introducing an Outstanding Portfolio of Products . . .*

Latex-Free Resuscitation Bags (BVM's)

Latex-Free  
BVM Bags



Model CPR  
Latex-Free  
Synthetic Rubber



Model CPR-2  
Latex-Free PVC



Model CPR - Reusable  
Silicone



Hyperinflation System  
with Color-Coded Manometer  
and Pressure relief Valve  
(pop-off)  
See Pages  
16 & 17

# Mercury Medical's BVM Line with Optional Color-Coded Manometer

The Resuscitator Bag with Color-Coded Manometer allows for in-line monitoring of both airway and PEEP pressures.



Squeeze the resuscitator bag to ventilate and the manometer verifies airway pressure.

The Mercury Medical Disposable Color-Coded Manometer is ready when you need it.



Release squeeze on exhalation and the manometer verifies PEEP pressure (when PEEP valve is attached to the resuscitator).

## DARE to COMPARE

Benefits	Mercury Medical	Other Systems
• Optional Color-Coded Manometer, accuracy is $\pm 3$ cm H <sub>2</sub> O between 0 - 15 cm H <sub>2</sub> O, $\pm 5$ cm H <sub>2</sub> O over 15 cm H <sub>2</sub> O	X	-
• Monitors both Airway and PEEP Pressure	X	-
• Fast re-expansion/high breath-per-minute capability	X	-
• Latex-Free Synthetic rubber (CPR original)	X	-
• Optional colormetric CO <sub>2</sub> detector	X	-
• Patient Valve detaches to add Omni-Link/Flex Link tubing that provides greater reach capability; Ideal for neonatal transport and MRI needs	X	-
• Optional Exhalation Filter and MRI Conditional PEEP Valve Accessory	X	-



0 - 40 cm



0 - 60 cm

### ORDERING INFORMATION ... Manometers

Product #	Description	
#10-55350	Single-Patient Use Pressure Manometer, 0-60 cm H <sub>2</sub> O	20/Box
#10-55352	Color-Coded Manometer, Single-Patient-Use, 0 - 40 cm H <sub>2</sub> O	20/Box
#10-55353	Color-Coded Manometer, Single-Patient-Use, Left Orientation, 0 - 40 cm H <sub>2</sub> O	20/Box
#10-55354	Color-Coded Manometer, Single-Patient-Use, Right Orientation 0 - 40 cm H <sub>2</sub> O	20/Box
#10-55356	Manometer with Tee, Left Orientation, 0-60 cm H <sub>2</sub> O	20/Box
#10-55357	Manometer with Tee, Right Orientation, 0-60 cm H <sub>2</sub> O	20/Box

Left Orientation



Right Orientation



# Mercury Medical's Latex-Free BVM Bags

Mercury Medical's BVM Bags are designed to accommodate the most urgent and unique situations of on-site EMS, Hospital I.C.U., E.R., O.R. and Recovery Room needs.



Adult BVM Bag

## Patients Over 30 kgs

Maximum Rate	92 BPM		
Maximum Volume	900 - 1500 ml		
Pressure Relief Valve	(Optional)		
Oxygen Concentration			
LPM	3	5	10
Rate	12	12	12
Tidal Volume	500 ml	500 ml	500 ml
W/Reservoir	68%	95%	100%
W/O Reservoir	34%	47%	70%
Measured Volume			
Bag	1600 ml		
Reservoir	2600 ml		



Child BVM Bag

## Patients Between 7 and 30 kgs

Maximum Rate	168 BPM
Maximum Volume	360 ml
Pressure Relief Valve	40 cm H <sub>2</sub> O
Oxygen Concentration	
LPM	10
Rate	20
Tidal Volume	250 ml
W/Reservoir	100%
W/O Reservoir	85%
Measured Volume	
Bag	500 ml
Reservoir	2600 ml



Small Adult BVM Bag

## Patients Over 30 kgs

Maximum Rate	110 BPM		
Maximum Volume	500 - 750 ml		
Pressure Relief Valve	(Optional)		
Oxygen Concentration			
LPM	3	5	10
Rate	12	12	12
Tidal Volume	500 ml	500 ml	500 ml
W/Reservoir	68%	95%	100%
W/O Reservoir	34%	47%	70%
Measured Volume			
Bag	1000 ml		
Reservoir	2600 ml		

U.S. Patent #5,357,951



Infant BVM Bag

## Patients Under 7 kgs

Maximum Rate	180+ BPM
Maximum Volume	175 ml
Pressure Relief Valve	40 cm H <sub>2</sub> O
Oxygen Concentration	
LPM	4
Rate	30
Tidal Volume	40 ml
W/Reservoir	100%
W/O Reservoir	85%
Measured Volume	
Bag	240 ml
Reservoir	600 ml

*Latex-Free BVM Bags including Infant, Child, Small Adult and Adult*

# Mercury Medical's BVM, CPR-2 Model Bags with Optional Color-Coded Manometer



The CPR-2 is a full line of resuscitators manufactured with new thermoplastic (PVC) bag material providing superior lung compliance “feel” with exceptional responsiveness. The CPR-2 now offers clinicians a choice of the same unparalleled quality performance and accessories as the regular synthetic rubber CPR bag product line.

Squeeze the resuscitator bag to ventilate and the manometer verifies airway pressure.



Release squeeze on exhalation and the manometer verifies PEEP pressure (when PEEP valve is attached to the resuscitator).



BENEFITS	MERCURY MEDICAL	OTHER SYSTEMS
• Optional Color-Coded Manometer, accuracy is $\pm 3$ cm H <sub>2</sub> O between 0 - 15 cm H <sub>2</sub> O, $\pm 5$ cm H <sub>2</sub> O over 15 cm H <sub>2</sub> O	X	-
• Monitors both Airway and PEEP Pressure	X	-
• Fast re-expansion/high breath-per-minute capability	X	-
• Latex-Free medical grade thermoplastic (PVC) bag material	X	X
• Optional colorimetric CO <sub>2</sub> detector accessory	X	-
• Patient Valve detaches to add Omni-Link/ Flex-Link tubing that provides greater reach capability, ideal for neonatal transport and MRI needs	X	-
• Optional Exhalation Filter and MR Conditional Peep Valve accessory	X	-

U.S. Patent #5,357,951, #5,557,049

The Resuscitation Bag with Color-Coded Manometer allows for in-line monitoring of both airway and PEEP pressures.

*The Mercury Medical Disposable Color-Coded Manometer is ready when you need it.*

# Mercury Medical's Reusable BVM Bags with Optional Color-Coded Manometer

**Take the guesswork out of finding  
quality reusable resuscitators.**

The Reusable CPR Resuscitation System is a full line of resuscitators manufactured with Silicone and Polysulfone material providing superior lung compliance “feel” with exceptional responsiveness.

The Reusable resuscitation system is designed to be fully autoclavable, with the exception of certain accessories and replacement items such as the reservoir bag, oxygen tubing and accessories.

## BENEFITS

- Optional Color-Coded Manometer, accuracy is  $\pm 3$  cm H<sub>2</sub>O between 0 - 15 cm H<sub>2</sub>O,  $\pm 5$  cm H<sub>2</sub>O over 15 cm H<sub>2</sub>O
- Monitors both Airway and PEEP Pressure.
- Fast re-expansion/high breath-per-minute capability.
- Medical grade Silicone and Polysulfone material.
- Autoclavable temperature 132° C (except reservoir bag, oxygen tubing and disposable accessories).
- Optional colorimetric CO<sub>2</sub> detector accessory.
- Patient Valve detaches to add Omni-Link or Flex-Link tubing that provides greater reach capability. Ideal for neonatal and MRI needs.
- Optional Exhalation Filter and MR Conditional Peep Valve accessory.

U.S. Patent #5,357,951, #5,557,049



Squeeze the resuscitator bag to ventilate and the manometer verifies airway pressure.



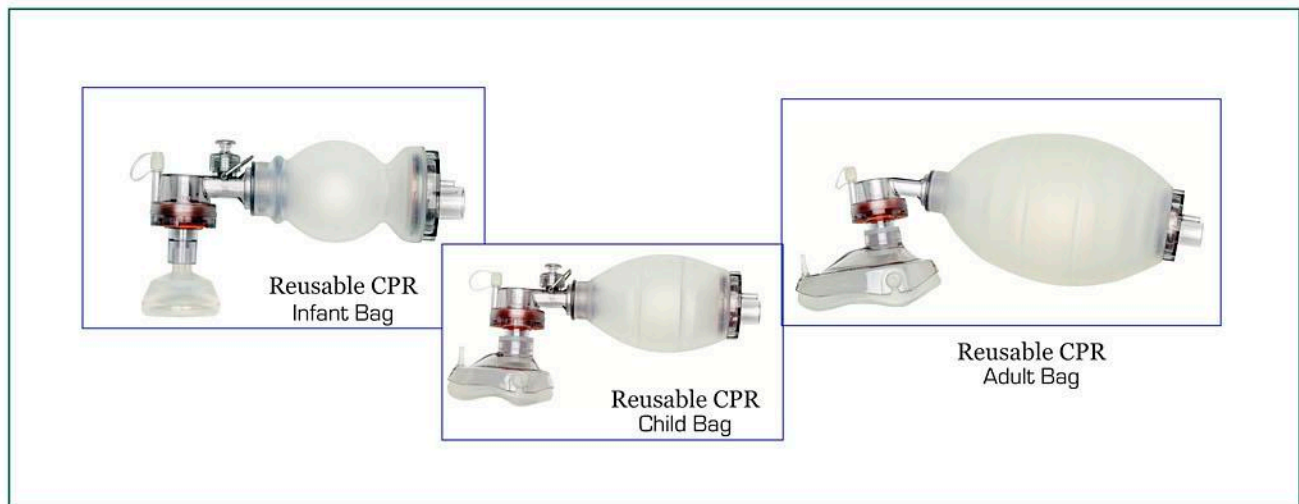
Release squeeze on exhalation and the manometer verifies PEEP pressure (when PEEP valve is attached to the resuscitator).

The Resuscitation Bag with optional Color-Coded Manometer allows for in-line monitoring of both airway and PEEP pressures.



# Available Now . . .

## Reusable BVM Resuscitation System



*the reusable resuscitation system with  
the Mercury Medical quality you can count on.*

1/Box  
Adult, Child, Infant Reusable CPR  
ORDERING INFORMATION

Product	Mask Size	O2 Reservoir Bag	O2 Tubing
10-50700	Adult Size 5	X	10'
10-50704	Child Size 3	X	10'
10-50706	Infant Size 0 & 1	X	10'

# Mercury Medical's First Full Line of End Tidal CO<sub>2</sub> Detectors

After successfully completing initial positive ET tube placement verification with an end-tidal CO<sub>2</sub> detector, how often do you find that the intubated patient needs to be moved or transported?

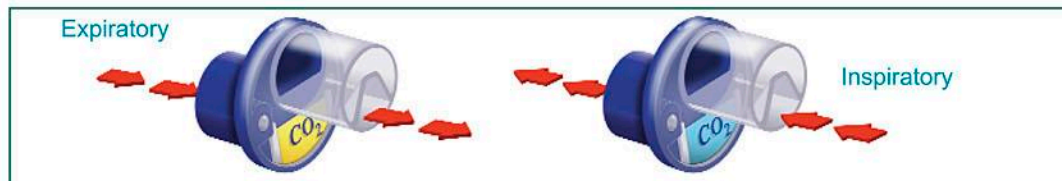
The AHA guidelines state, "tracheal tube dislodgements . . . may be occurring at much higher rates than previously suspected."<sup>1</sup>

The Neo-StatCO<sub>2</sub>® <Kg, allows clinicians to comply with Neonatal Resuscitation guidelines requiring CO<sub>2</sub> detectors as an adjunct for proper tube placement verification. "An increasing heart rate and CO<sub>2</sub> detection are the primary methods for confirming endotracheal tube placement."<sup>2</sup>

With one StatCO<sub>2</sub>®, Mini StatCO<sub>2</sub>® or NeoStatCO<sub>2</sub>® you can monitor proper ET tube placement initially and as often as necessary after each move within a 24-hour period . . . they also reliably continue to work in up to 100% humidity.

All of these CO<sub>2</sub> detectors have a vivid breath-to-breath color change advantage. StatCO<sub>2</sub> and Mini StatCO<sub>2</sub> include a convenient pull tab activation strip that protects them until you need them.

The Neo-StatCO<sub>2</sub> <Kg has a vivid breath-to-breath color change as shown in the illustration.



Neo-StatCO<sub>2</sub> <Kg®  
0.25 kg - 6 kgs



Mini StatCO<sub>2</sub>®  
1 - 15 kgs



StatCO<sub>2</sub>®  
over 15 kgs



Actual product sizes not shown.

Patent # US 6,502,573 B1, # US 7,578,971 B2, # US 8,256,414 B2  
Other Patents Pending

1. AHA Guidelines 2000 for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care, Part 6. p. 1-87.
2. Neonatal Resuscitation, 5th Edition, 2006, Lesson 5, p. 5-17.

# Mercury Medical's End Tidal CO<sub>2</sub> Detectors



Actual product size  
not shown.

StatCO <sub>2</sub>	Mini StatCO <sub>2</sub>	Neo-StatCO <sub>2</sub> <Kg	Benefits	Mercury Medical	Other Systems
X	X	X	• Functions for a full 24 hours	X	-
X	X	X	• Reliable at 100% humidity	X	-
X	X		• Convenient Pull Tab available "when you need it"	X	-
X	X		• Detects up to 50 breaths-per-minute	X	-
		X	• Detects up to 100 breaths-per-minute	X	-
X	X	X	• Vivid breath-to-breath color change	X	-

Note:  
2 year expiration  
from date of manufacture.



*StatCO<sub>2</sub><sup>®</sup>, Mini StatCO<sub>2</sub><sup>®</sup>,  
Neo-StatCO<sub>2</sub> <Kg<sup>®</sup> . . .  
Verification with  
Enhanced economy, reliability  
and convenience.*

## ORDERING INFORMATION

Item #	Description	Packaged
#10-55370	<b>StatCO<sub>2</sub></b> End Tidal CO <sub>2</sub> Detector (for patient body weight greater than 15 Kg.)	20/Box
#10-55371	<b>Mini StatCO<sub>2</sub></b> End Tidal CO <sub>2</sub> Detector (for patient body weight between 1 and 15 Kg.)	20/Box
#10-55373	<b>Neo-StatCO<sub>2</sub> &lt; Kg</b> End Tidal CO <sub>2</sub> Detector (for patient body weight between 0.25 kg - 6 kgs)	20/Box

# OMNI-LINK® & FLEX-LINK®

## Family of Expansion Tubing

Resuscitating a patient can create compromising situations during transport. With that in mind, Mercury has developed the Omni-Link and Flex-Link family of expansion tubing to provide greater flexibility and longer reach capabilities. Each coupled with Mercury Medical's unique patient valve, the Omni-Link or Flex-Link does not add dead space to the patient circuit.

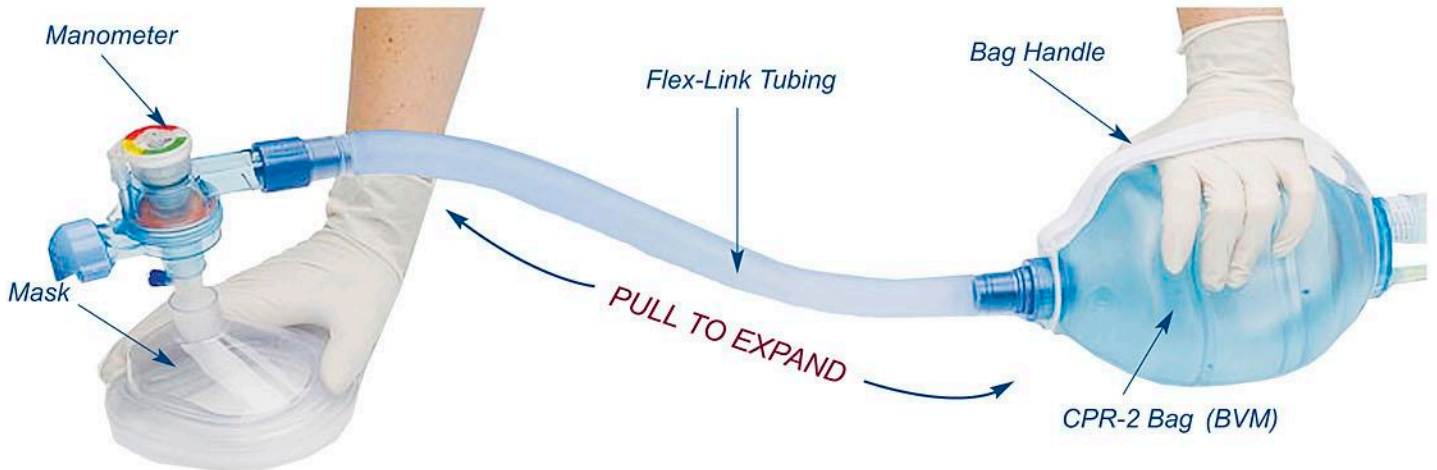


**Omni-Link**

6"

12"

### Flex-Link



Manometer

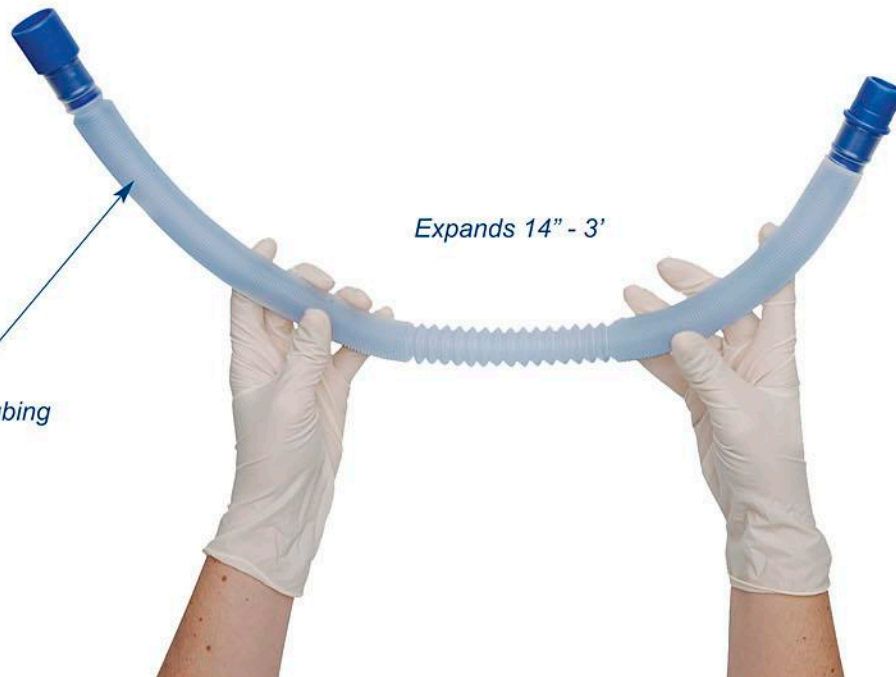
Mask

Flex-Link Tubing

Bag Handle

CPR-2 Bag (BVM)

PULL TO EXPAND



Expanded Flex-Link Tubing

Expands 14" - 3'

# OMNI-LINK® & FLEX-LINK®

## Omni-Link®

### Features

- Flexible corrugated tubing
- Available in 6" and 12" segments that can be interconnected to give you your desired length

### Benefits

- Absorbs movement
- Provides greater versatility and longer reach capabilities
- Reduces arm fatigue and airway trauma
- Helps eliminate accidental disconnects and extubations

## Flex-Link®

### Features

- Flexible, expandable and collapsible tubing
- Available in collapsed 14" length, but can be lengthened up to 3' when expanded

### Benefits

- Length desired for patient reach is defined by user
- Provides greater versatility and longer reach capabilities
- Reduces arm fatigue and potential for airway trauma
- Helps eliminate accidental disconnects and extubations
- Enables free movement of patient's head when intubated

### CPR BAG



Synthetic Rubber

### CPR-2 BAG



PVC

## ORDERING INFORMATION

<b>Omni-Link</b>		
Part #	Description	Packaged
#10-55360	Omni-Link (12" length)	50/Box
#10-55361	Omni-Link II (6" length)	25/Box
<b>Flex-Link</b>		
Part #	Description	Packaged
#10-56024	Adult PVC CPR-2 Bag, Aero Reservoir, Mask, Manometer, Flex-Link and Bag Handle	6/Box
#10-56025	Adult PVC CPR-2 Bag, Aero Reservoir, Mask, Flex-Link and Bag Handle	6/Box
#10-56026	Adult PVC CPR-2 Bag, O <sub>2</sub> Reservoir Bag, Mask, Manometer, Flex-Link and Bag Handle	6/Box
#10-56027	Adult PVC CPR-2 Bag, O <sub>2</sub> Reservoir Bag, Mask, Flex-Link and Bag Handle	6/Box
#10-56034	Adult PVC CPR-2 Bag, O <sub>2</sub> Reservoir Bag, Mask, Flex-Link, StatCO <sub>2</sub>	6/Box
#10-56040	Adult PVC CPR-2 Bag, No Bag Handle, O <sub>2</sub> Reservoir, Flex-Link	6/Box
#10-56041	Adult PVC CPR-2 Bag, No Bag Handle, Mask, Aerosol Reservoir, Flex-Link	6/Box
#10-55079	Adult CPR Standard O <sub>2</sub> Bag Reservoir, Intersurgical Quadralite™ Size 3 Mask, Flex-Link	6/Box
#10-56309	Adult PVC CPR-2 Bag, Expandable Reservoir, Mask, Manometer, Flex-Link and Bag Handle	12/Box
#10-56310	Adult PVC CPR-2 Bag, Expandable Reservoir, Mask, Flex-Link and Bag Handle	12/Box
#10-55362	Flex-Link (36" extended)	25/Box
#10-55363	Flex-Link (36" extended)	50/Box

# Mercury Medical's BVM Bag Accessories & Description



Exhalation Filter

The filter utilizes three methods of filtration:

1. Multi-layered media
2. Electrostatic attraction
3. Impaction

#### FEATURES:

- Proprietary spun polypropylene
- Integral hydrophobic filter

#### BENEFITS:

- Repels water, yet allows water vapor to pass through.
- Offers low resistance to gas flow.
- Clear housing allows continuous monitoring during use.

Mercury Medical's **Face Masks** are anatomically contoured to conform to natural facial profiles allowing a secure, low pressure seal without sharp edges that could damage the eyes.



Face Masks

#### FEATURES:

- Completely disposable
- Clear material construction
- Anatomically designed
- Soft, pliable, air-filled cushion
- Removable color-coded hook ring fastener

#### BENEFITS:

- Eliminates cross-contamination risks and associated reprocessing costs.
- Better patient visualization.
- Accommodates a wide range of facial features and reduces patient discomfort.
- Reduces wrinkles or creases and allows for a secure low pressure seal.
- Allows for use of traditional headstraps.



Round Silicone Masks

Features anatomically correct "average" contour for infant faces. Provides overall tight seal with internal cavity, minimizing dead space. Designed specifically for children under the age of ten (10).



Disconnect Wedge

Mercury Medical's® Disconnect Wedge provides quick and easy disconnects for most 15mm connections on endotracheal tubes.

#### FEATURES:

Small, lightweight wedge unit

#### BENEFITS:

Provides quick and easy disconnects for most 15mm connections with grasping surfaces, minimizes trauma to the airway during necessary disconnects, helps to eliminate accidental disconnects and extubations, eliminates twisting and pulling and reduces airway trauma.

# Mercury Medical's BVM Bag Accessories & Descriptions



OMNI-LINK®



FLEX-LINK®

Resuscitating a patient can create compromising situations.

OMNI-LINK/FLEX-LINK flexible, corrugated tubing provides greater flexibility and longer reach capabilities. Coupled with Mercury Medical's unique patient valve, the OMNI-LINK and FLEX-LINK do not add dead space to the patient circuit.

## FEATURES . . . OMNI-LINK

- Flexible, corrugated tubing
- Available in 6" and 12" segments that can be interconnected

## FEATURES . . . FLEX-LINK

- Flexible expansion hose from 14" to 3'

## BENEFITS:

- Absorbs movement.
- Provides greater versatility and longer reach capabilities.
- Reduces arm fatigue and airway trauma.
- Helps to eliminate accidental disconnects and extubations.



PEEP Valve



PEEP Valve with Built-in Filter

The PEEP Valve works by applying an internal gas pressure to hold the alveolus open throughout inspiration and expiration. This internal pressure aids in the prevention of atelectasis and associated shunt conditions.<sup>1</sup>

## FEATURES:

- Built-in damping mechanism
- 30mm female fitting

## BENEFITS:

- Reduces noise.
- Conforms to ISO inlet standards.



Use an MR system with a static magnetic field of 3.0 Tesla or less.  
Use an MR system with a spatial gradient of 450 gauss/cm or less.

1. Reference: Roger C. Bone, David H. Eubanks, Comprehensive Respiratory Care. The C.V. Mosby Co., St. Louis. 1990;23:684.

# Mercury Medical's BVM Bag Accessories & Ordering Information



Exhalation Filter

## ORDERING INFORMATION

ITEM NUMBER	DESCRIPTION
10-55375	Exhalation Filter 30mm O.D. x 30mm I.D. 20/Box



Face Masks

## ORDERING INFORMATION

ITEM NUMBER	DESCRIPTION
10-50500	Adult Large Clear Anatomical 30/Box
10-50501	Adult Small Clear Anatomical 30/Box
10-50502	Child Clear Anatomical Face 20/Box
10-50503	Pediatric Clear Anatomical 20/Box
10-50504*	Infant Clear Anatomical 20/Box
10-50505*	Neonatal Clear Anatomical 20/Box

\*NOTE: Hook Ring Fastener not available on these sizes.



Round Silicone Masks

## ORDERING INFORMATION

ITEM NUMBER	DESCRIPTION
10-50601	Size 0 10/Box
10-50602	Size 1 10/Box
10-50603	Size 2 10/Box



Intersurgical  
QuadraLite Masks

## ORDERING INFORMATION

ITEM NUMBER	DESCRIPTION	
DM-7194	Adult QuadraLite, #4 Green Face Mask, soft, comfortable anatomically-shaped with color-coded seal	50/Box
DM-7193	Small Adult QuadraLite, #3 Yellow Face Mask, soft, comfortable anatomically-shaped with color-coded seal	50/Box
DM-7192	Child QuadraLite, White Face Mask, #2 soft, comfortable anatomically-shaped with color-coded seal	50/Box
DM-7191	Infant QuadraLite, Gray Face Mask, #1 soft, comfortable anatomically-shaped with color-coded seal	50/Box



Disconnect Wedge

## ORDERING INFORMATION

ITEM NUMBER	DESCRIPTION	
10-55340	Disconnect Wedge	50/Box



# Mercury Medical's BVM Bag Accessories & Ordering Information

## ORDERING INFORMATION



OMNI-LINK®



FLEX-LINK®

ITEM NUMBER	DESCRIPTION	
10-55360	OMNI-LINK	12" Length 50/Box
10-55361	OMNI-LINK II	6" Length 25/Box
10-55362	FLEX-LINK	36" Extended 25/box
10-55363	FLEX-LINK	36" Extended 50/box

10-56024	Adult PVC CPR-2 bag, Aero Reservoir, Mask, Manometer, Flex-Link and Bag Handle	6/Box
10-56025	Adult PVC CPR-2 Bag, Aero Reservoir, Mask, Flex-Link and Bag Handle	6/Box
10-56026	Adult PVC CPR-2 Bag, O2 Reservoir Bag, Mask, Manometer, Flex-Link and Bag Handle	6/Box
10-56027	Adult PVC CPR-2 Bag O2 Reservoir Bag, Mask, Flex-Link and Bag Handle	6/Box
10-56309	Adult PVC CPR-2 Bag, Expandable Reservoir, Mask, Manometer, Flex-Link and Bag Handle	12/Box
10-56310	Adult PVC CPR-2 Bag, Expandable Reservoir, Mask, Flex-Link and Bag Handle	12/Box



PEEP Valve



PEEP Valve with Built-in Filter



PEEP Adapter

ITEM NUMBER	DESCRIPTION	
10-55330	PEEP Valve 30mm with 22mm Adapter	12/Box
10-55331	PEEP Valve with built-in Filter	12/Box
<b>FOR REUSABLE ONLY</b>		
10-55310	PEEP Adapter	12/Box
10-55315	PEEP Valve and PEEP Adapter (MRI Conditional)	12/Box

### Specifications - PEEP VALVE

- Range: 0 - 20 cm H<sub>2</sub>O
- Port Size: 30 mm Female Fitting (per ISO 5356-1)
- MR Conditional: Static magnetic field of 3.0 Tesla or less
- Spatial Gradient of 720 gauss/cm or less

### Specifications: Filter

- Bacterial Filter Efficiency (BFE) Viral Filter Efficiency (VFE)
- Mean Efficiency: >99.9%
- Resistance to Flow: 10.2 mm H<sub>2</sub>O at 8.0 LPM Flow

# Mercury Medical's Hyperinflation System

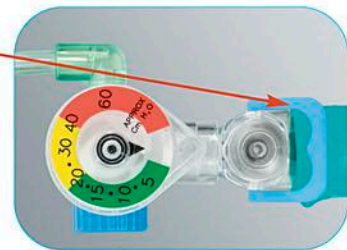


Mercury's Hyperinflation Systems come equipped with an optional built-in color-coded manometer. This easy-to-read manometer offers improved visibility of pressure ranges. They are always ready to perform when you need a comprehensive Hyperinflation System with Manometer.

The in-line position allows you to watch the patient during ventilation while monitoring pressure. The optional pressure relief valve is set at 40 cm of H<sub>2</sub>O.

Patent # US D436,050, Patent # US 5,557,049 B1

When higher inspiratory pressure is necessary, the pressure relief valve can be closed with the attached lock clip.



*Now available  
with optional Color-Coded Manometer  
and optional Pressure Relief Valve (pop-off)*

# Mercury Medical's Hyperinflation System



Benefits	Mercury Medical	Other Systems
• Color-Coded Manometer, accurate to $\pm 3$ cm H <sub>2</sub> O between 0 - 15 cm H <sub>2</sub> O, $\pm 5$ cm H <sub>2</sub> O over 15 cm H <sub>2</sub> O	X	-
• 40 cm H <sub>2</sub> O Pop-Off	X	-
• 3 Pleat Latex-Free Ventilation Bag	X	-
• Stay Put Bleed Valve	X	-
• Pre-assembled Oxygen Tubing with Swivel	X	-
• 360° Patient Valve Swivel	X	-

## ORDERING INFORMATION

Item #	Description	Qty.
10-55800	1/2 liter hyperinflation system, no mask, no manometer, 10' manometer tubing, 10' oxygen tubing	20/Box
10-55801	1/2 liter hyperinflation system, with mask, no manometer, 10' manometer tubing, 10' oxygen tubing	20/Box
10-55802	1/2 liter hyperinflation system, no mask, with manometer, 10' oxygen tubing	20/Box
10-55803	1/2 liter hyperinflation system, with mask, with manometer, 10' oxygen tubing	20/Box
10-55804	1 liter hyperinflation system, no mask, no manometer, 10' manometer tubing, 10' oxygen tubing	20/Box
10-55805	1 liter hyperinflation system, with mask, no manometer, 10' manometer tubing, 10' oxygen tubing	20/Box
10-55806	1 liter hyperinflation system, no mask, with manometer, 10' oxygen tubing	20/Box
10-55807	1 liter hyperinflation system, with mask, with manometer, 10' oxygen tubing	20/Box
10-55808	2 liter hyperinflation system, no mask, no manometer, 10' manometer tubing, 10' oxygen tubing	20/Box
10-55809	Hyperinflation Elbow Assembly, manometer, 10' oxygen tubing	20/Box
10-55810	2 liter hyperinflation system, no mask, 10' oxygen tubing	20/Box
10-55813	Hyperinflation Elbow Assembly	20/Box
10-55814	1/2 liter hyperinflation system, with infant mask, neonatal mask, no manometer, 10' oxygen tubing	20/Box
10-55815	3 liter hyperinflation system, no mask, no manometer, 10' oxygen tubing, 10' manometer tubing	20/Box
10-55817	2 liter hyperinflation system, no mask, no manometer, 10' oxygen tubing, 10' manometer tubing	20/Box
10-55818	1/2 liter hyperinflation system, with manometer, neonatal mask, 10' oxygen tubing, no swivel	20/Box
10-55819	1/2 liter hyperinflation system, with manometer, no mask, 10' oxygen tubing, 6" Omni-Link	20/Box
10-55820	1 liter hyperinflation system, with manometer, no mask, 10' oxygen tubing, 6" Omni-Link	20/Box
10-55821	2 liter hyperinflation system, with manometer, no mask, 10" oxygen tubing, 6" Omni-Link	20/Box
10-55822	1/2 liter hyperinflation system, with mask, no manometer, 7' oxygen tubing, 7' manometer tubing	20/Box
10-55824	1/2 liter hyperinflation system, no mask, 10' oxygen tubing, in-line (tee) manometer	20/Box
10-55825	1/2 liter hyperinflation system, with mask, 10' oxygen tubing, 7' manometer tubing	20/Box
10-55826	1/2 liter hyperinflation system, 7' oxygen tubing, 7' manometer tubing	20/Box
10-55830	1/2 liter hyperinflation system, no mask, no manometer, 10' manometer tubing, 10' oxygen tubing with pop-off	20/Box
10-55831	1/2 liter hyperinflation system, with mask, no manometer, 10' manometer tubing, 10' oxygen tubing with pop-off	20/Box
10-55832	1/2 liter hyperinflation system, no mask, with manometer, 10' oxygen tubing with pop-off	20/Box
10-55833	1/2 liter hyperinflation system, with mask, with manometer, 10' oxygen tubing with pop-off	20/Box
10-55834	1 liter hyperinflation system with pop-off, no mask, manometer, 10' oxygen tubing	20/Box
10-55835	1 liter hyperinflation system with pop-off, infant mask, manometer, 10' oxygen tubing	20/Box
10-55836	1/2 liter hyperinflation system with pop-off, neonatal mask, manometer, 7' oxygen tubing	20/Box
10-55840	1/2 liter hyperinflation system, no mask, manometer, 10' oxygen tubing, colored label for bag size	20/Box
10-55841	1 liter hyperinflation system, no mask, manometer, 10' oxygen tubing, colored label for bag size	20/Box
10-55843	1/2 liter hyperinflation system, with mask, manometer, 10' oxygen tubing, 22mm cap with strap	20/Box
10-55844	2 liter hyperinflation system, with pop-off, integrated manometer, 10' oxygen tubing	20/Box

	Bag only	500 cc Bag	1000 cc Bag	2000 cc Bag	3000 cc Bag	Qty.
10-55391	X		X			20/Box
10-55392	X			X		20/Box
10-55393	X				X	20/Box
10-55395	X	X				20/Box

NOTE: Custom configurations available.

## The "Dual-Purpose" Mapleson, ANESTHESIA CIRCUITS



Connect to anesthesia machine. Or, connect to standard O<sub>2</sub> source.

**Mercury's new "Dual-Purpose" Mapleson will provide all of the features you've been accustomed to plus the following advantages:**

- Built-in, Color Coded Manometer\* – Offers convenient viewing of airway pressure and PEEP pressure.
- Continued Resuscitation – Once circuit is removed from anesthesia machine, simply connect circuit to a standard oxygen source and continue resuscitating patient on the way to recovery.
- Unique, Universal Singleton Connector – Enables the circuit to be reconnected to a standard oxygen source during patient transport. (Fits on most anesthesia machines)
- Bag Tail Bleed Valve – Simple and easy to use and stays in position.

Contact Mercury for more information and see for yourself how our Dual-Purpose Mapleson will make your patient transfer easier than ever.

See some of our other popular Mapleson configurations too.



\*Accuracy is +/- 3 cm H<sub>2</sub>O between 0-15 cm H<sub>2</sub>O and +/- 5 cm H<sub>2</sub>O above 15 cm H<sub>2</sub>O.

## The "Dual-Purpose" Mapleson, ANESTHESIA CIRCUITS

*"We like Mercury's Dual-Purpose Mapleson Circuit; it's so easy to keep patients ventilated while transporting them to recovery."*

- Dr. Adrienne Singleton, MD,  
Vidant Medical Center (formerly Pitt County Memorial Hospital),  
Greenville, NC



Dual-Purpose, Universal 'Singleton' Connector

Connect to anesthesia machine.  
Or, connect to standard O<sub>2</sub> source.

### Ordering Information for Dual-Purpose Mapleson Circuit



Part Number	Description	Quantity
10-80352	1 liter bag, manometer with tee, Washington tee, 10' oxygen tubing, 12" corrugated tubing, gas sampling elbow, bag tail bleed valve	20/Box
10-80353	3 liter bag, manometer with tee, Washington tee, 10' oxygen tubing, 12" corrugated tubing, gas sampling elbow, bag tail bleed valve	20/Box
10-80365	2 liter bag, Washington tee, 7' oxygen tubing, 36" corrugated tubing, standard elbow, cut bag tail	20/Box

### Other Mapleson Circuit Configurations

Part Number	Description	Quantity
10-80356	1/2 liter bag, Washington tee, 7' oxygen tubing, manometer tubing 4', gas sampling elbow, cut bag tail	20/Box

For more part codes, refer to Mercury's Website. Custom configurations are available per request.  
(Minimum 10 boxes/order)





# Neo-Tee<sup>®</sup>

## The Next GENERATION

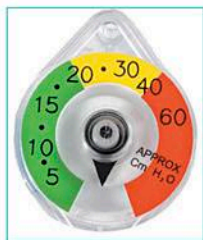
The First and Only Disposable Infant T-Piece Resuscitator

Now with 2 Configurations

Choice of Manometers

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

0 - 40 cm H<sub>2</sub>O



Portable, Built-in  
Color-Coded Manometer

New In-Line Controller  
allows clinicians to change  
airway pressure closer to the patient.



The New Neo-Tee  
Configuration  
Controller 12" from TEE

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



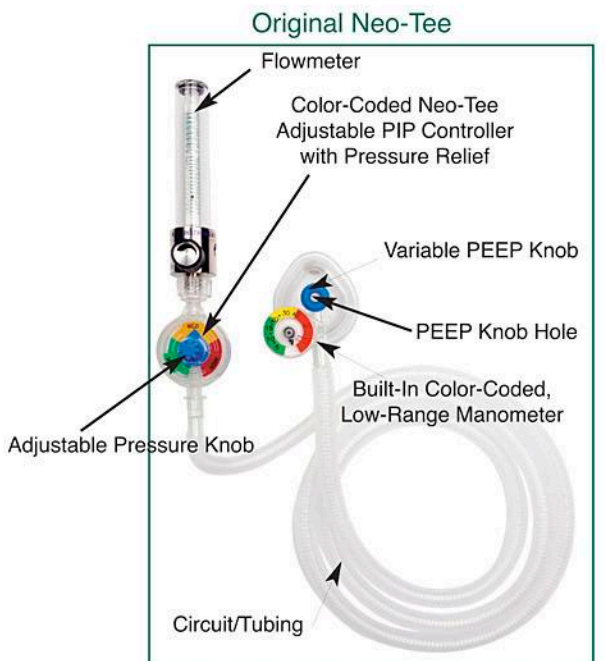
*Your Need . . .  
 . . . our Innovation®!*

introducing a better way to deliver positive pressure ventilation to your infant patients with convenient in-line viewing and reliable easy-to-read airway pressure dial.

Mercury Medical® is pleased to announce the first single-patient-use infant T-piece Resuscitation device.

The Neo-Tee is flow-controlled and pressure limited. It offers the ability to measure a more consistent, targeted Peak Inspiratory Pressure (PIP) and Positive End-Expiratory Pressure (PEEP).

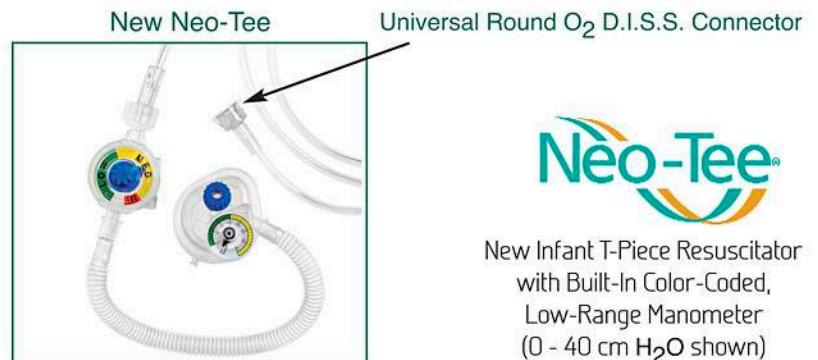
With the new Neo-Tee, there's absolutely NO capital equipment to purchase and it is completely disposable. Even Better . . . No fatigue from squeezing a bag since there is no bag to squeeze!



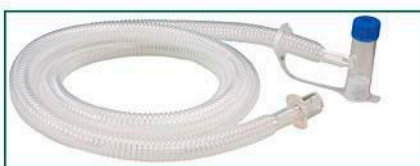
Patent # US 5,557,049 B1, # D,672,454  
 Other Patents Pending

**Providing affordable  
 T-Piece Resuscitation for every NICU bed.**

Undoubtedly an industry first, Neo-Tee is the only disposable T-Piece device on the market today that offers a built-in monitor “on the Tee” for convenient, in-line viewing of delivered airway pressure. While budget constraints may prevent having capital equipment for the best patient care where its needed the most, just imagine having an affordable device like the Neo-Tee at every NICU bedside.



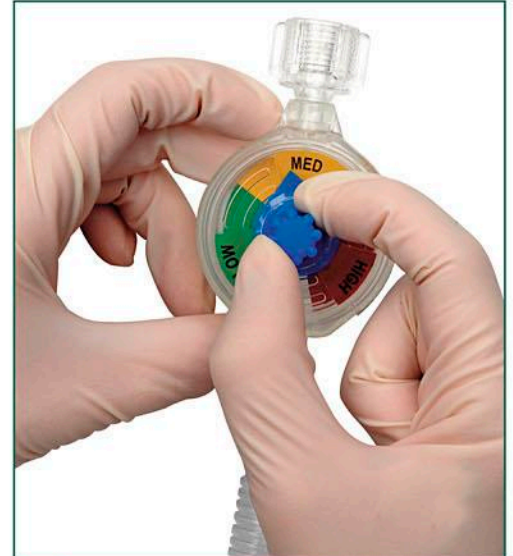
New Infant T-Piece Resuscitator with Built-In Color-Coded, Low-Range Manometer (0 - 40 cm H<sub>2</sub>O shown) and Pressure Relief



**NEW!**  
 T-Piece Circuits Now Available!  
 See Page 23 for ordering information

The Neo-Tee® includes a built-in pressure relief valve as an added safety measure, limiting ventilatory pressures to 40 cm of H<sub>2</sub>O and the stay-put PEEP valve allows for quick and easy PEEP pressure adjustments as needed.

Advantages	
In-Line Controller	<ul style="list-style-type: none"> <li>Allows clinicians to change airway pressure “in-line” closer to the patient.</li> </ul>
Disposable	<ul style="list-style-type: none"> <li>Reduced chance of cross-infection, No cleaning required</li> <li>No capital equipment costs, Affordable at every bedside</li> <li>Space saving</li> <li>Lightweight and easily transported</li> </ul>
Portable, Built-in Manometer on Tee	<ul style="list-style-type: none"> <li>Convenient in-line viewing, accurate and easy-to-read dial (+/- 3 cm H<sub>2</sub>O up to 15 cm H<sub>2</sub>O and +/- 5 cm H<sub>2</sub>O above 15 cm H<sub>2</sub>O) accuracy (choice of 0 - 40 cm H<sub>2</sub>O or 0 - 60 cm H<sub>2</sub>O)</li> </ul>
Adjustable PIP Controller/ Built-in Pressure Relief	<ul style="list-style-type: none"> <li>Compact for setting/adjusting pressure</li> <li>Connects to a flowmeter</li> <li>Safety Pressure Relief activates at 40 cm H<sub>2</sub>O,</li> <li>The Adjustable PIP Controller allows clinicians to limit airway pressure to 40 cm H<sub>2</sub>O</li> </ul>
Variable PEEP Knob	<ul style="list-style-type: none"> <li>Increasing/Decreasing Pressure made easy</li> <li>Easy-to-turn dial, stays put at desired pressure</li> </ul>
Variety of Mask Sizes/Styles	<ul style="list-style-type: none"> <li>Choice of clear anatomical and round silicone face masks in both neonatal and infant sizes</li> </ul>



Comes with an adjustable, easy-to-read pressure dial and safety pressure relief



Product Specifications	
Delivered Oxygen Concentration	Up to 100%
Cycling Pressure Range	0 to 40 cm H <sub>2</sub> O
Dead Space	4 ml
Expiratory Resistance	0.2 cm H <sub>2</sub> O at minimum PEEP setting @ 6 LPM
Inspiratory Resistance	1.6 cm H <sub>2</sub> O at minimum PEEP setting @ 6 LPM
Input Gas Flow Range	Minimum 5 LPM Maximum 15 LPM
Integral Patient Circuit Manometer Accuracy	- up to 15 cm H <sub>2</sub> O +/- 3 cm H <sub>2</sub> O - Greater than 15 cm H <sub>2</sub> O +/- 5 cm H <sub>2</sub> O
Maximum Pressure on Controller (dependent on flow rate)	40 cm H <sub>2</sub> O +/- 5 cm H <sub>2</sub> O @ 15 LPM
Operation Time	Full E cylinder @ 660 Liters @ 5 LPM - 44 minutes
Device Mass	83 g
Patient Connection on T-Piece	15mm Taper Female (ISO 5356-1)
PIP Controller Connection	Mates with fittings that meet CGA 1240 oxygen D.I.S.S. standard
Gas Delivery Pressures:	
Peak Inspiratory Pressure Range	0 - 40 cm H <sub>2</sub> O
Positive End Expiratory Pressure PEEP Range	@ 5 LPM up to approximately 2 cm H <sub>2</sub> O @ 8 LPM up to approximately 6 cm H <sub>2</sub> O @ 10 LPM up to approximately 9 cm H <sub>2</sub> O @ 15 LPM up to approximately 15 cm H <sub>2</sub> O



Infant T-Piece Resuscitator Adjustable PIP Controller with built-in pressure relief (Shown on Flowmeter)

ISO 13485

CE  
DEHP-Free





Infant T-Piece Resuscitator  
Flow-Controlled and Pressure Limited

Ordering Information

Part Number	Description	Quantity
10-50800	Neo-Tee Infant T-Piece Resuscitator, Circuit, Controller, No Mask, 0 - 60 cm H <sub>2</sub> O Manometer	10/Box
10-50801	Neo-Tee Infant T-Piece Resuscitator, Circuit, Controller, Clear Anatomical Infant Face Mask, 0 - 60 cm H <sub>2</sub> O Manometer	10/Box
10-50802	Neo-Tee Infant T-Piece Resuscitator, Circuit, without Controller, No Mask, 0 - 60 cm H <sub>2</sub> O Manometer	10/Box
10-50803	Neo-Tee Infant T-Piece Resuscitator, Circuit, without Controller, Clear Anatomical Infant Face Mask, 0 - 60 cm H <sub>2</sub> O Manometer	10/Box
10-50804	Neo-Tee Infant T-Piece Resuscitator, Circuit, Controller, No Mask, 0 - 40 cm H <sub>2</sub> O Low Range Manometer	10/Box
10-50805	Neo-Tee Infant T-Piece Resuscitator, Circuit, Controller, Clear Anatomical Infant Face Mask, 0 - 40 cm H <sub>2</sub> O Low Range Manometer	10/Box
10-50806	Neo-Tee Infant T-Piece Resuscitator, Circuit, No Controller, No Mask, 0 - 40 cm H <sub>2</sub> O Low Range Manometer	10/Box
10-50807	Neo-Tee Infant T-Piece Resuscitator, Circuit, No Controller, Clear Anatomical Infant Face Mask, 0 - 40 cm H <sub>2</sub> O Low Range Manometer	10/Box
10-50808	Neo-Tee Infant T-Piece Resuscitator, In-Line Controller, Circuit, No Mask, 0 - 60 cm H <sub>2</sub> O Manometer	10/Box
10-50809	Neo-Tee Infant T-Piece Resuscitator, In-Line Controller, Circuit, Clear Anatomical Infant Face Mask, 0 - 60 cm H <sub>2</sub> O Manometer	10/Box
10-50810	Neo-Tee Infant T-Piece Resuscitator, In-Line Controller, Circuit, No Mask, 0 - 40 cm H <sub>2</sub> O Low Range Manometer	10/Box
10-50811	Neo-Tee Infant T-Piece Resuscitator, In-Line Controller, Circuit, Clear Anatomical Infant Face Mask, 0 - 40 cm H <sub>2</sub> O Low Range Manometer	10/Box
10-50812	Neo-Tee Infant T-Piece Resuscitator, Circuit, Controller, Clear Anatomical Infant Face Mask, 0 - 60 cm H <sub>2</sub> O Manometer, packaged in drawstring bag	10/Box
10-50813	Neo-Tee Infant T-Piece Resuscitator, Circuit, without Controller, No Mask, 0 - 60 cm H <sub>2</sub> O Manometer, packaged in drawstring bag	10/Box
10-50814	Neo-Tee Infant T-Piece Resuscitator, In-Line Controller, Circuit Infant & Neonatal Anatomical Mask, 0 - 40 cm H <sub>2</sub> O Manometer packaged in drawstring bag	10/Box
10-50900	T-Piece Resuscitation Circuit Only - 6' Length	10/Box
10-50901	T-Piece Resuscitation Circuit/Infant Cushion Mask - 6' Length	10/Box
10-50902	T-Piece Resuscitation Expandable Circuit Only - 5' Length	10/Box
10-50903	T-Piece Resuscitation Expandable Circuit Only/Infant Cushion Mask - 5' Length	10/Box
10-50904	T-Piece Resuscitation Circuit - 6' Length #0 Round Silicone Mask	10/Box
10-55321	Connector Adapter for Transport (non-in-line application)	10/Box
<b>MASKS</b>		
10-50504	Clear Anatomical Infant Face Mask	20/Box
10-50505	Clear Anatomical Neonatal Face Mask	20/Box
10-50601	Round Type Silicone Face Mask, Size 0 (48mm)	10/Box
10-50602	Round Type Silicone Face Mask, Size 1 (60mm)	10/Box
<b>Test Lung</b>		
CK-1021	Infant Test Lung (64 ml)	10/Box



**NEW . . . PROTECTIVE  
CAP & STRAP  
(dust cap)**

- Keeps port clean, especially during transport.
- Does not get lost or present a possible choking hazard.
- Pressures can quickly be set when cap is on.



#10-55321  
Connector Adapter



## MATRIX (QUICK GUIDE)

Product #	Neo-Tee Type		Manometer Type		Controller Type		Mask Type		Bag	
	Original Long 6'	New in-line Short 12"	0 - 60	0 - 40	Standard	In-Line	Clear Anat.	Round Silicone	Std.	Draw-string
10-50800	X		X		X					
10-50801	X		X		X		X		X	
10-50802	X		X						X	
10-50803	X		X				X		X	
10-50804	X			X	X				X	
10-50805	X			X	X		X		X	
10-50806	X			X					X	
10-50807	X			X			X		X	
10-50808		X	X			X				X
10-50809		X	X			X	X			X
10-50810		X		X		X				X
10-50811		X		X		X	X			X
10-50812	X		X		X		X			X
10-50813	X		X							X
10-50814		X		X		X	X (2)			X

The logo for Mercury Medical, featuring the word "Mercury" in a dark red serif font and "Medical" in a dark grey sans-serif font, with a registered trademark symbol (®) to the right. A thin red arc is positioned above the "y" in "Mercury".

*Mercury*Medical®

Your Need . . . Our Innovation®

11300 - 49th Street North  
Clearwater, Florida 33762  
[www.mercurymed.com](http://www.mercurymed.com)