



ONLY ONE

Neo-Tee®

*First and Only
Disposable Infant
T-Piece Resuscitator*

New PIP Controller with **Override Button**
allows clinicians to reach
higher pressures > 40 cm H₂O.

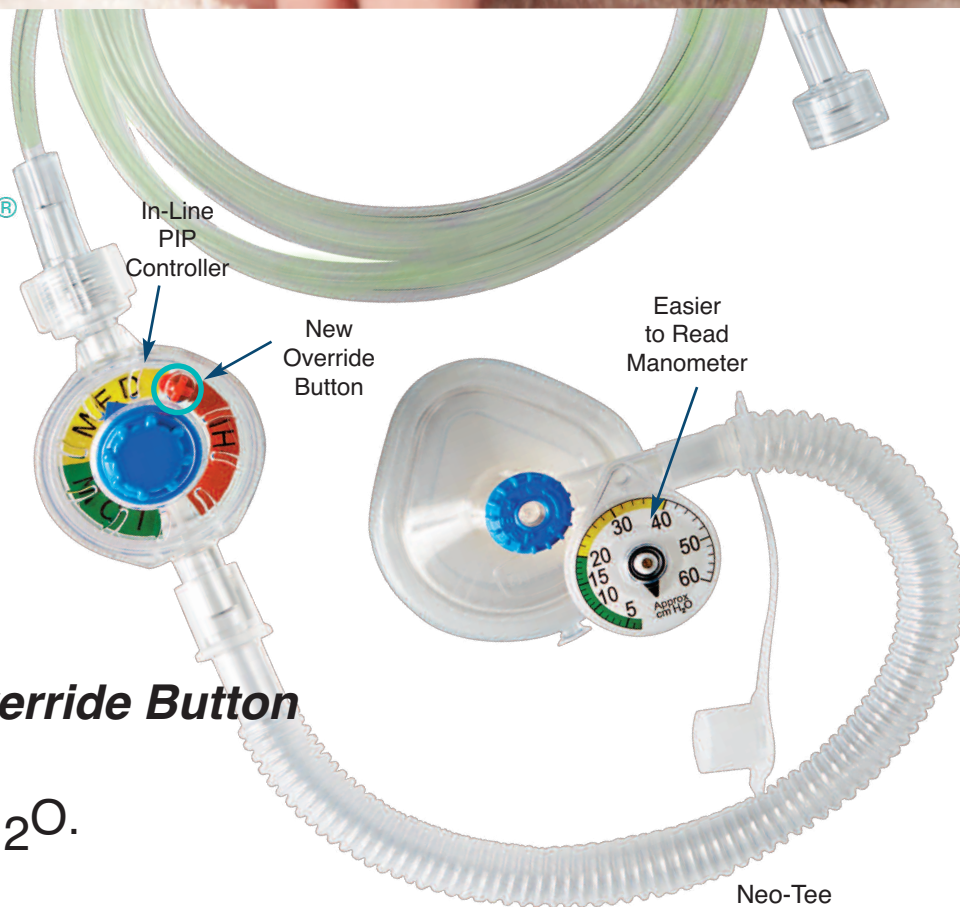
MercuryMedical®

50
YEARS

+

Your Need . . . Our Innovation®

www.mercurymed.com



Neo-Tee
Configuration
Controller 12" from TEE

**Because they
are not miniature adults...**

ONLY ONE



Providing affordable T-Piece Resuscitation for every NICU bed.


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 manometer with optional pressure relief override button.

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).

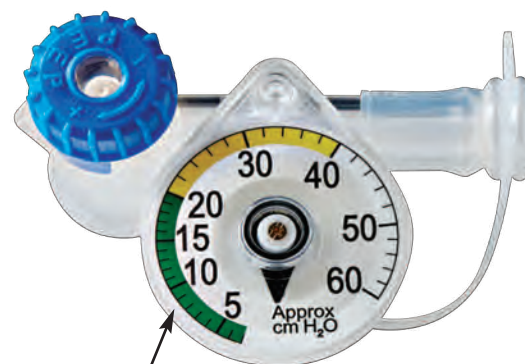
With the new Neo-Tee, there's absolutely NO capital equipment to purchase and it is completely disposable.

Even Better . . . No fatigue from squeezing a bag since there is no bag to squeeze!

New Optional Pressure Relief Override Button

A close-up photograph of the Neo-Tee device. It is a clear plastic T-piece with a central blue circular valve. A red circular button is located on the right side of the device. A teal line points from the text 'Override Button' to this red button.

Undoubtedly an industry first, Neo-Tee is the only disposable T-Piece device on the market today that offers an improved built-in, easy-to-read monitor “on the Tee” with optional pressure relief “**override button**” for clinicians to override pressure to ranges between 40 - 60 cm H₂O providing convenient, in-line viewing of delivered airway pressure.



New style manometer has larger numbers and is easier to view, especially in dim NICU lighting conditions.

The Neo-Tee® includes a built-in pressure relief valve as an added safety measure, limiting ventilatory pressures to 60 cm of H₂O 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">Allows clinicians to change airway pressure “in-line” closer to the patient.
Disposable	<ul style="list-style-type: none">Reduced chance of cross-infection, No cleaning requiredNo capital equipment costs, Affordable at every bedsideSpace savingLightweight and easily transported
Portable, Built-in Manometer on Tee	<ul style="list-style-type: none">Convenient in-line viewing, accurate and easy-to-read dial (+/- 3 cm H₂O up to 15 cm H₂O and +/- 5 cm H₂O above 15 cm H₂O) accuracy (0 - 60 cm H₂O)
Adjustable PIP Controller/ Built-in Pressure Relief	<ul style="list-style-type: none">Compact for setting/adjusting pressureConnects to a flowmeterOptional PIP controller with override button enables pressure to go to ranges between 40 - 60 cm H₂O when required
Variable PEEP Knob	<ul style="list-style-type: none">Increasing/Decreasing Pressure made easyEasy-to-turn dial, stays put at desired pressure
Variety of Mask Sizes/Styles	<ul style="list-style-type: none">Choice of clear anatomical and round silicone face masks in both neonatal and infant sizes



Standard adjustable, easy-to-read PIP controller and safety pressure relief



Product Specifications									
Delivered Oxygen Concentration	Up to 100%								
Cycling Pressure Range	0 to 60 cm H ₂ O								
Dead Space	4 ml								
Expiratory Resistance	0.2 cm H ₂ O at minimum PEEP setting @ 6 LPM								
Inspiratory Resistance	1.6 cm H ₂ O at minimum PEEP setting @ 6 LPM								
Input Gas Flow Range	Minimum 5 LPM Maximum 15 LPM								
Integral Patient Circuit Manometer Accuracy	<ul style="list-style-type: none">up to 15 cm H₂O +/- 3 cm H₂OGreater than 15 cm H₂O +/- 5 cm H₂O								
Maximum Pressure on Controller (dependent on flow rate)	60 cm H ₂ O +/- 5 cm H ₂ 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 - 60 cm H ₂ O								
Positive End Expiratory Pressure PEEP Range	<table><tr><td>@ 5 LPM</td><td>up to approximately 2 cm H₂O</td></tr><tr><td>@ 8 LPM</td><td>up to approximately 6 cm H₂O</td></tr><tr><td>@ 10 LPM</td><td>up to approximately 9 cm H₂O</td></tr><tr><td>@ 15 LPM</td><td>up to approximately 15 cm H₂O</td></tr></table>	@ 5 LPM	up to approximately 2 cm H ₂ O	@ 8 LPM	up to approximately 6 cm H ₂ O	@ 10 LPM	up to approximately 9 cm H ₂ O	@ 15 LPM	up to approximately 15 cm H ₂ O
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@ 8 LPM	up to approximately 6 cm H ₂ O								
@ 10 LPM	up to approximately 9 cm H ₂ O								
@ 15 LPM	up to approximately 15 cm H ₂ O								



Infant T-Piece Resuscitator Adjustable PIP Controller with built-in pressure relief (Shown on Flowmeter) 0 - 60 cm H₂O



Another important development in Infant Tee-Piece Resuscitation.

Ordering Information

Infant T-Piece Resuscitator
Flow-Controlled and Pressure Limited
0 - 60 cm H₂O

Part #	Description	Quantity
10-50820	Neo-Tee Infant T-Piece Resuscitator, Circuit, 0 - 60 cm H ₂ O Manometer, Controller & Override Button, Clear Anatomical Infant Face Mask	10/Box
10-50821	Neo-Tee with "in-line" Controller 0 - 60 cm H ₂ O Manometer & Override Button, Clear Anatomical Infant Face Mask, packaged in drawstring bag	10/Box
10-50822	Neo-Tee with "in-line" Controller 0 - 60 cm H ₂ O Manometer & Override Button, No Mask, packaged in drawstring bag	10/Box
10-50823	Neo-Tee with "in-line" Controller 0 - 60 cm H ₂ O Manometer & Override Button, Clear Anatomical Infant Face Mask & Neonatal Mask, packaged in drawstring bag	10/Box

NOTE: All in-line Neo-Tee are packaged in a drawstring poly bag.

PRSRT STD
U.S. POSTAGE
PAID
Permit #579
St. Petersburg, FL



ONLY ONE

Neo-Tee®

*First and Only
Disposable Infant
T-Piece Resuscitator*

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

In-Line
PIP
Controller



Easier
to Read
Manometer



Neo-Tee Configuration
Controller 12" from TEE

Mercury Medical®
Your Need . . . Our Innovation®

50+
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**Because they
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NEO



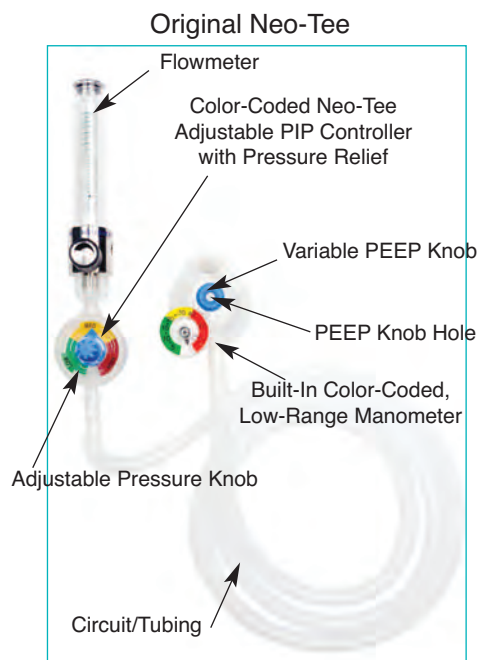
Your Need our Innovation®!

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 manometer.

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, Patent # US 8,522,618 B1
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, easy-to-read monitor “on the Tee” for providing 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.

The Neo-Tee® includes a built-in pressure relief valve as an added safety measure, limiting ventilatory pressures to 40 cm of H₂O 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"> Allows clinicians to change airway pressure “in-line” closer to the patient.
Disposable	<ul style="list-style-type: none"> Reduced chance of cross-infection, No cleaning required No capital equipment costs, Affordable at every bedside Space saving Lightweight and easily transported
Portable, Built-in Manometer on Tee	<ul style="list-style-type: none"> Convenient in-line viewing, accurate and easy-to-read dial (+/- 3 cm H₂O up to 15 cm H₂O and +/- 5 cm H₂O above 15 cm H₂O) accuracy (choice of 0 - 40 cm H₂O or 0 - 60 cm H₂O)
Adjustable PIP Controller/ Built-in Pressure Relief	<ul style="list-style-type: none"> Compact for setting/adjusting pressure Connects to a flowmeter Safety Pressure Relief activates at 40 cm H₂O The Adjustable PIP Controller allows clinicians to limit airway pressure to 40 cm H₂O
Variable PEEP Knob	<ul style="list-style-type: none"> Increasing/Decreasing Pressure made easy Easy-to-turn dial, stays put at desired pressure
Variety of Mask Sizes/Styles	<ul style="list-style-type: none"> Choice of clear anatomical and round silicone face masks in both neonatal and infant sizes



Neo-Tee® Standard adjustable, easy-to-read PIP controller and safety pressure relief



Universal Round O₂ D.I.S.S. Connector on in-line Neo-Tee



New! T-Piece Circuits Only, without manometer
Now includes Cap & Strap



Product Specifications									
Delivered Oxygen Concentration	Up to 100%								
Cycling Pressure Range	0 to 40 cm H ₂ O								
Dead Space	4 ml								
Expiratory Resistance	0.2 cm H ₂ O at minimum PEEP setting @ 6 LPM								
Inspiratory Resistance	1.6 cm H ₂ O at minimum PEEP setting @ 6 LPM								
Input Gas Flow Range	Minimum 5 LPM Maximum 15 LPM								
Integral Patient Circuit Manometer Accuracy	<ul style="list-style-type: none"> up to 15 cm H₂O +/- 3 cm H₂O Greater than 15 cm H₂O +/- 5 cm H₂O 								
Maximum Pressure on Controller (dependent on flow rate)	40 cm H ₂ O +/- 5 cm H ₂ 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 ₂ O								
Positive End Expiratory Pressure PEEP Range	<table> <tr> <td>@ 5 LPM</td><td>up to approximately 2 cm H₂O</td></tr> <tr> <td>@ 8 LPM</td><td>up to approximately 6 cm H₂O</td></tr> <tr> <td>@ 10 LPM</td><td>up to approximately 9 cm H₂O</td></tr> <tr> <td>@ 15 LPM</td><td>up to approximately 15 cm H₂O</td></tr> </table>	@ 5 LPM	up to approximately 2 cm H ₂ O	@ 8 LPM	up to approximately 6 cm H ₂ O	@ 10 LPM	up to approximately 9 cm H ₂ O	@ 15 LPM	up to approximately 15 cm H ₂ O
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@ 8 LPM	up to approximately 6 cm H ₂ O								
@ 10 LPM	up to approximately 9 cm H ₂ O								
@ 15 LPM	up to approximately 15 cm H ₂ O								



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

CE 0086 DEHP-Free



Ordering Information
Part #

*Infant T-Piece Resuscitator
Flow-Controlled and Pressure Limited*

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Permit #579
St. Petersburg, FL

Description

Quantity

10-50800	Neo-Tee Infant T-Piece Resuscitator, Circuit, Controller, No Mask, 0 - 60 cm H ₂ O Manometer	10/Box
10-50801	Neo-Tee Infant T-Piece Resuscitator, Circuit, Controller, Clear Anatomical Infant Face Mask, 0 - 60 cm H ₂ O Manometer	10/Box
10-50802	Neo-Tee Infant T-Piece Resuscitator, Circuit, without Controller, No Mask, 0 - 60 cm H ₂ O Manometer	10/Box
10-50803	Neo-Tee Infant T-Piece Resuscitator, Circuit, without Controller, Clear Anatomical Infant Face Mask, 0 - 60 cm H ₂ O Manometer	10/Box
10-50804	Neo-Tee Infant T-Piece Resuscitator, Circuit, Controller, No Mask, 0 - 40 cm H ₂ 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 ₂ O Low Range Manometer	10/Box
10-50806	Neo-Tee Infant T-Piece Resuscitator, Circuit, No Controller, No Mask, 0 - 40 cm H ₂ 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 ₂ O Low Range Manometer	10/Box
10-50808	Neo-Tee Infant T-Piece Resuscitator, In-Line Controller, Circuit, No Mask, 0 - 60 cm H ₂ 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 ₂ O Manometer	10/Box
10-50810	Neo-Tee Infant T-Piece Resuscitator, In-Line Controller, Circuit, No Mask, 0 - 40 cm H ₂ 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 ₂ 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 ₂ 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 ₂ O Manometer, packaged in drawstring bag	10/Box
10-50814	Neo-Tee Infant T-Piece Resuscitator, Circuit, In-Line Controller, Clear Anatomical Infant Face Mask, Clear Anatomical Neonatal Face Mask, 0 - 40 cm H ₂ O Low Range Manometer	10/Box
10-50815	Neo-Tee Infant T-Piece Resuscitator, 5' Expandable Circuit, 0 - 60 cm H ₂ O Manometer, without Controller, No Mask packaged in drawstring bag	10/Box
10-50816	Neo-Tee Infant T-Piece Resuscitator, 5' Expandable Circuit, 0 - 60 cm H ₂ O Manometer, without Controller, Clear Anatomical Face Mask, packaged in drawstring bag	10/Box
10-50817	Neo-Tee with "in-Line" Controller, Round Silicone Face Masks (size 0 & 1), 0 - 60 cm H ₂ O Manometer, packaged in drawstring bag	10/Box
10-50818	Neo-Tee with "in-line" Controller, Clear Anatomical Neonatal Face Mask, 0 - 40 cm H ₂ O Manometer, packaged in drawstring bag	10/Box
10-50819	Neo-Tee Infant T-Piece Resuscitator, 5' Expandable Circuit, 0 - 40 cm H ₂ O Manometer, without Controller, No Mask, packaged in a drawstring bag	10/Box
10-50900	T-Piece Resuscitation Circuit Only - 6' Length, No Manometer, No Mask	10/Box
10-50901	T-Piece Resuscitation Circuit, Anatomical Infant Cushion Face Mask, No Manometer, 6' Length	10/Box
10-50902	T-Piece Resuscitation Expandable Circuit Only - 5' Length, No Manometer, No Mask	10/Box
10-50903	T-Piece Resuscitation Expandable Circuit - 5' Length, Infant Cushion Mask, No Manometer	10/Box
10-50904	T-Piece Resuscitation Circuit, Round Type Silicone, Round Silicone Face Mask, Size #0, No Manometer	10/Box
10-50905	T-Piece Resuscitation Circuit & O ₂ Tubing Kit: Circuit Only, 6' Length, No Manometer, No Mask, O ₂ Tubing 7' with 10 mm D.I.S.S.	10/Box
10-55321	Connector Adaptor for Transport (non in-line application)	10/Box
10-55322	Replacement Oxygen Tubing, D.I.S.S. Male x D.I.S.S. Female - 7' Length	25/Box
10-55323	Replacement Oxygen Tubing, 10' Length, 10 mm Male x Tubing Nipple - Fits Fisher & Paykel NeoPuff	25/Box
MASKS		
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
Lung		
CK-1021	Infant Test Lung (64 ml)	10/Pkg

NOTE: All in-line Neo-Tee are packaged in a drawstring poly bag.
All Neo-Tee include cap & strap (dust cap)

Another important development in Infant Tee-Piece Resuscitation.