



Neo-Tee®

The Next GENERATION

The First and Only Disposable Infant T-Piece Resuscitator

Now with 2 Configurations

Choice of Manometers

0 - 60 cm H₂O



0 - 40 cm H₂O



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®
Your Need... Our Innovation™



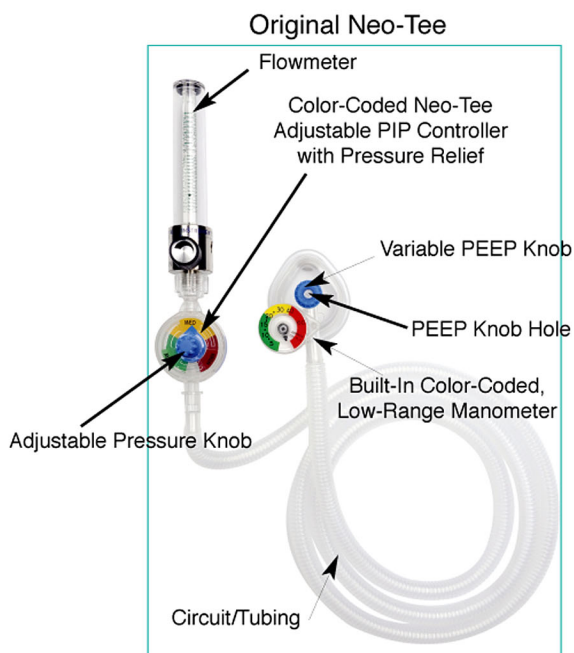
*Your Need . . .
. . . our Innovation™!*

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
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 H₂O shown) and Pressure Relief

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.

<i>Advantages</i>	
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	<ul style="list-style-type: none"> Choice of clear anatomical and round silicone face masks



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



<i>Product Specifications</i>	
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	<ul style="list-style-type: none"> @ 5 LPM up to approximately 2 cm H₂O @ 8 LPM up to approximately 6 cm H₂O @ 10 LPM up to approximately 9 cm H₂O @ 15 LPM up to approximately 15 cm H₂O



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 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
10-55321	Connector Adaptor for Transport (non-in-line application)	10/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
Test Lung		
CK-1021	Infant Test Lung (64 ml)	10/Box



Another important development in Infant Tee-Piece Resuscitation.