**INDICATIONS FOR USE:**
The Neo-Tee T-Piece Resuscitator is a gas powered emergency resuscitator intended to provide emergency respiratory support by delivering gas via a face mask or a tube inserted into a patient’s airway. It is intended for use with neonates and infants weighing less than 10kg (22lb).

**ACCESSORIES:**
- Silicone Contour Masks Sizes: #0 and #1
- Cuffless Mask Sizes: Neonatal and Infant Patient Circuit

**WARNINGS:**
1. Incorrect operation of this device can be hazardous.
2. Do not use in the presence of flammable materials and ensure that no sources of ignition are present while the device is in use. Fire hazards are possible in oxygen enriched environments.
3. Users should uncover the PEEP knob hole as soon as the breath is delivered. Failure to do so will result in an extended breath, which may prevent exhalation.
4. Do not leave patients unattended when device is in use.
5. The recommended gas flow range is from 5 – 15 LPM. DO NOT EXCEED 15 LPM.

**CAUTIONS:**
1. Never wait to begin resuscitation. If a Neo-Tee system is not immediately available, cannot be used effectively or in the event of an unavoidable low flow rate from the gas source, see your department manual or AHA guidelines for other accepted resuscitation procedures.
2. US Federal Law restricts this device to sale by or on the order of a physician.
3. To be used only by persons who have been trained in infant/neonatal resuscitation.
4. Device is to be used only after completion of a pre-use verification check to ensure that correct ventilation pressures will be delivered to the patient. Discard any device that fails a pre-use check.
5. Oxygen concentrations should be monitored at all times using an oxygen analyzer.
6. Adjusting input flow rate will affect PIP and PEEP
7. Do not attempt to disassemble any part of this circuit.
8. Reuse of this device may pose a risk of cross-contamination and the device may not perform as intended.

**GENERAL INFORMATION**
1. The circuit contains a variable PEEP knob, manual thumb control for ventilation and integral manometer on the hand-piece.
2. The pressure relief valve on the adjustable PIP controller is internal and is for back-up purposes limiting delivery pressure to 40 cm H2O, and the adjustable pressure knob on the adjustable PIP controller will vary the PIP pressure from 0 to 40 cm H2O.

**PRE-USE CHECK:**
1. Connect the adjustable PIP controller to the bottom of the flowmeter (See Figure 1).
2. Connect the patient circuit to the bottom of the adjustable PIP controller (See Figure 1).
3. Adjust the flow on the flowmeter between 5 and 15 LPM.
4. Connect an infant/neonatal test lung to the patient port.
5. Check the maximum delivery pressure, by occluding the PEEP knob hole with thumb. If necessary adjust the pressure knob on the adjustable pressure knob for the desired delivery peak inspiratory pressure (PIP) as indicated by the manometer integral to the patient circuit.
6. Release thumb from PEEP knob hole and adjust variable PEEP knob for desired value as indicated on the manometer.

**DIRECTIONS FOR USE:**
1. Connect patient circuit to mask and place over patient’s mouth and/or nose, or connect patient circuit to masked laryngeal airway or endotracheal tube.
2. Resuscitate by plucking and removing thumbs (or index fingers) over the PEEP knob hole to allow inspiration and expiration at the desired breath rate, following hospital protocol.

**SPECIFICATIONS:**
- Delivered Oxygen Concentration: Up to 100%
- Cycling pressure range: 0 to 40 cm H2O
- Dead space: 4 ml
- Expiratory Resistance: 0.1 cm H2O at minimum PEEP setting @ 15 LPM
- Inspiratory Resistance: 0.2 cm H2O at minimum PEEP setting @ 6 LPM
- Input gas flow range: Minimum 5 LPM
- Maximum 15 LPM
- Peak Inspiratory Pressure range: 0 - 40 cm H2O
- Positive Expiratory Pressure (PEEP) range at: @ 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
- Manometer Accuracy: ±5% of Full Scale Reading
- PEEP Range: Greater than 15 cm H2O +/- 5 cm H2O
- Inspiratory Range: 0 - 40 cm H2O
- Minimum PIP Pressure on Controller (Dependent on Flowrate): 40 cm H2O @ 5 LPM, 30 cm H2O @ 8 LPM, 20 cm H2O @ 10 LPM, 10 cm H2O @ 15 LPM
- Note: A hissing sound can be heard when pressure relief is activated.
- Delivery Pressures will be delivered to the patient. Discard any device that fails a pre-use check.
- Inspiration should be monitored at all times using an oxygen analyzer.

**ACCESSORIES:**
- Silicone Contour Masks Sizes: #0 and #1
- Cuffless Mask Sizes: Neonatal and Infant Patient Circuit

**WARRANTY:**
- 12 months from date of purchase for parts and labor.
- 1 year from date of purchase for the manometer.

**Development and Manufacturing:**
- Made in Malaysia 06/2010 #83-900-0323 Rev. 0

**Company Information:**
- Mercury Medical
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- Clearwater, Florida USA 33762-4807
- www.mercurymed.com
- Registered U.S. Trademark of Mercury Enterprises, Inc. Patent # US 5,557,049 B1, Other Patents Pending
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