

# Tom Thumb Infant T-Piece Resuscitator Model: TT490-15 Series Instructions for Use



CE 0086

 VIAMED

## Pre-use Set Up

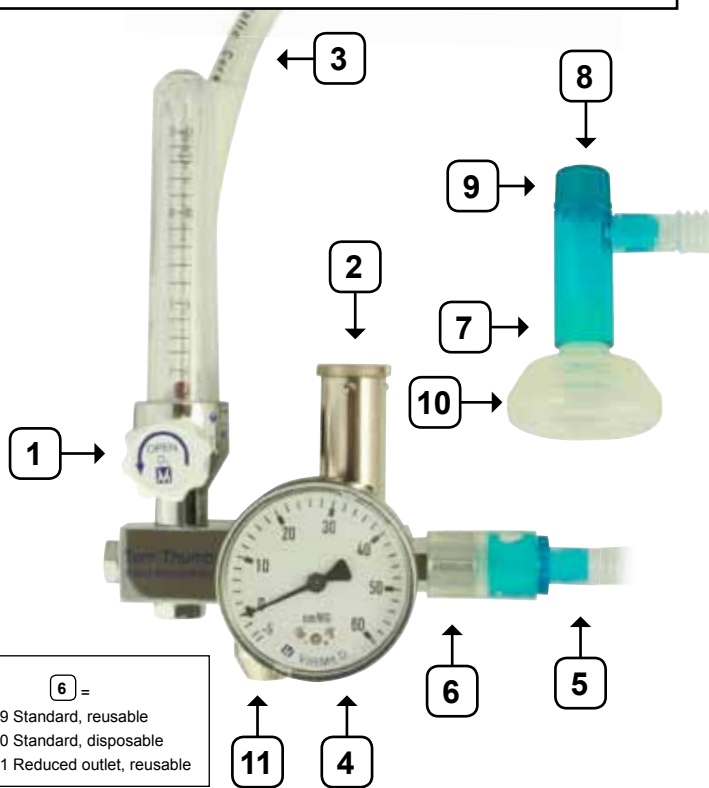
- Adjust the flowmeter **1** to minimum (fully clockwise) and the adjustable pressure valve control **2** to minimum (fully counter clockwise).
- Connect the flowmeter gas hose **3** to the external gas supply.
- Check that the pressure gauge **4** reads zero (inside the black band). If not, then the Tom Thumb requires servicing.
- Connect the NeoPEEP patient circuit **5** to the Tom Thumb outlet using the adapter **6**.  
**Do not** apply to the patient at this stage.
- **Set the flowmeter to the required flow rate, up to the maximum of 15 l/min.**
- Occlude the patient opening of the 'T-Piece' **7** and the PEEP\* valve outlet **8** to create an air tight seal.
- Turn the adjustable pressure valve control **2** until the required PIP\* is set, as shown by the pressure gauge **4**.
- Uncover the PEEP valve outlet **8**. Adjust the PEEP setting by adjusting the PEEP control cap **9** on the NeoPEEP patient circuit - until the reading on the pressure gauge **4** indicates that the correct PEEP has been achieved.
- Connect the 'T-piece' **7** to a suitable resuscitation mask **10** or to the patient's E.T. tube.
- The Tom Thumb is now ready for use.

\* Note:

PIP = Peak Inspiratory Pressure

PEEP = Positive End Expiratory Pressure

- ⚠ For use by qualified trained personnel only.
- ⚠ Recommended gas inlet pressure of 4 bar.
- ⚠ Use flow rates within the range of the flowmeter.
- ⚠ Adjust outlet pressure after altering the flow rate.
- ⚠ Do not attempt to adjust the safety valve <sup>(11)</sup>.
- ⚠ 1cm WG = 1cm H<sub>2</sub>O = 0.981mb



## **Guidelines for Use During Resuscitation**

1. Follow the pre-use set up procedure and set the required flow rate and outlet pressures; as defined by the hospital's protocol for resuscitation. Ensure pressures are checked prior to administering gas to the patient.
2. Apply the mask to the patient and cover the 'T-Piece' PEEP valve outlet to inflate the patient's lungs at the set flow rate and pressure.
3. Uncover the 'T-Piece' PEEP valve outlet and allow the patient's lungs to deflate.
4. Repeat steps 2 & 3 as necessary during the resuscitation of the patient (follow the hospital's protocol for resuscitation).

## **Cleaning and Care**

Clean using a clean cloth dampened with cleaning solution approved by the hospital. The Tom Thumb is not intended to be sterilized. Do not autoclave. Do not allow moisture or foreign matter to enter the safety valve (11) or the adjustable valve (2). Damage will occur if the Tom Thumb is subjected to severe mechanical shock or is dropped.

## **Servicing**

The Tom Thumb should be serviced every 12 months; or if the pressure gauge does not read zero (outside of the black band) with no flow, or if the unit's accuracy is in doubt.

Viamed recommends that the gas hoses should be checked every 3 months, and replaced every 4 years as a minimum.

# Patient Circuit Parts



## Single use Silicone Round Facemask

Part Number	Model Ref.	Size	Qty
3210073	200600D	00	Pack of 20
3210074	200500D	01	Pack of 20
3210075	200400D	02	Pack of 20



## Single use NeoPEEP Neonatal Resuscitation Circuit

Part Number	Model Ref.	Length	Qty
3210013	800100/BLOCK	1.3m	Pack of 20
3210014	800100/BLOCK includes adapter 0120141	1.3m	Pack of 20



## Reusable Circuit Adapters (single units)

Part Number	Model Ref.	Size	Usage
0120140	PF 1515	15mm I.D. - 15mm I.D.	Reusable
0120141	KC 2124	15mm I.D./22mm O.D. - 15mm I.D./22mm O.D.	Disposable
0120139	PF 1510	15mm I.D. - 10mm I.D.	Reusable

## Warranty

Viamed warrants that the goods are free from defects of manufacture, for a period of one year from the date of shipment from Viamed.

Liability shall be limited solely to the replacement and repair of the goods and shall not include shipping costs or other incidental damages.

This warranty is null and void if any items are subjected to misuse, negligence, accident; or repairs - other than those performed by Viamed or an authorized service centre.

These instructions apply to the following Tom Thumb TT490-15 Series.

Part Number	Tom Thumb with 15 l/min Flowmeter
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0310027	1m air hose and Medirail mounting
0310029	3m air hose and Medirail mounting
0310032	1m oxygen hose and Medirail mounting
0310034	3m oxygen hose and Medirail mounting
0310072	1.5m oxygen hose with Dräger fitting and Medirail mounting
0310074	3m oxygen hose with Dräger fitting and Medirail mounting
0310075	1m oxygen hose with pole mount
0310076	3m oxygen hose with pole mount
0310082	1m oxygen hose with reduced outlet and Medirail mounting
0310092	1m oxygen hose with top mounted gauge and Medirail mounting



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BS EN ISO 9001:2008  
ISO 13485:2003