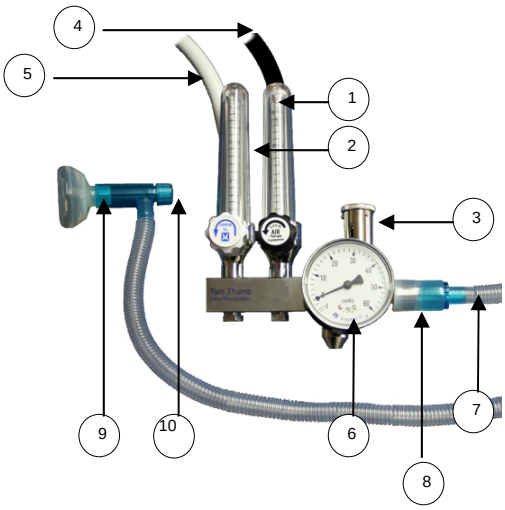
VIAMED

PN. 0390060 V1.0
09/09

Tom Thumb Infant Resuscitator
Model: TT495 Dual Flowmeter

Instructions for Use



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Pre-use Set Up

- Adjust the Air ① and O_2 ② flowmeters to minimum (fully clockwise) and the adjustable pressure valve control ③ to minimum (fully counter clockwise).
- Connect the Air ④ and O_2 hoses ⑤ to the external Air and O_2 supply.
- Check that the pressure gauge ⑥ reads zero. If not, the Tom Thumb requires servicing.
- Connect the NeoPEEP patient circuit ⑦ to the Tom Thumb outlet using the connector ⑧ provided. Do not apply to the patient at this stage.
- **Set the flowmeters to the required flow rate, according to the O_2 concentration table, up to a maximum of 15 Lpm.**
- Occlude the patient opening of the 'T-Piece' ⑨ and the PEEP* valve outlet ⑩ to create an air tight seal.
- Turn the adjustable pressure valve control ③ until the required PIP* is set, as shown by the pressure gauge ⑥.
- Uncover the PEEP valve outlet ⑩. Adjust the PEEP setting by adjusting the PEEP control cap ⑨ on the NeoPEEP patient circuit until the reading on the pressure gauge ⑥ indicates that the correct PEEP has been achieved.
- Connect the 'T-Piece' ⑨ to a suitable resuscitation mask (as shown) 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

Guideline for Use during Resuscitation.

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

Care, Cleaning, Location and Sterilisation.

Clean using a damp cloth. The Tom Thumb is not intended to be sterilised. Do not autoclave. Do not allow moisture or foreign matter to enter the safety valve or adjustable valve. Damage will occur if the Tom Thumb is subjected to severe mechanical shock or dropped.

The Tom Thumb should be serviced every 12 months, if the pressure gauge does not read zero (outside of the black band) with no flow or if the units' accuracy is doubted.
The Air and Oxygen Hoses should be checked every 3 months, and replaced ever 4 years as a minimum.

The rail bracket supplied with the Tom Thumb is designed to fit most medical rails.

Important.

For use by qualified and trained personnel only.
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 (11).
Recommended Air and O_2 inlet pressure of 4 bar.

Warranty.

Viamed warranty ensures that 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 authorised service centre.

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Oxygen Concentration Table

		Air Flow Litres/min				
		0	**2**	**4**	**6**	**8**
Oxygen Flow Litres/min	**0**	0	21	21	21	21
	2	100	60	47	40	37
	4	100	75	60	53	47
	6	100	80	70	60	55
	8	100	85	75	67	**NA**

***NA – Not Advised – Do not exceed a combined flow rate of 15 Lpm.**

Important.

Please note that the actual flow rate delivered is the Air and Oxygen flow rates **combined**, e.g. Setting 2 Lpm Air and 2 Lpm O_2 is a delivered flow rate of 4 Lpm.