

Set-up

The following procedure should be carried out prior to every use of the F&P Neopuff™ to ensure that the device is functioning correctly.

Check the manometer reads zero with no gas flow. If not, the manometer requires calibration (refer to section 3.7.1 of the Technical Manual).



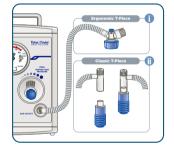
Connect Gas Supply

Connect an oxygen or blended oxygen/air supply to the gas inlet port using the gas supply line.



Connect T-piece Circuit

- Connect the T-piece circuit to the gas outlet port.
- If using the Ergonomic T-piece (1)
 leave the blue cap in place on the
 T-piece circuit or connect Test Lung
 to the T-piece circuit. If using the
 Classic T-piece (1) connect a test
 lung to the T-piece circuit. Before
 use, inspect the test lung for signs
 of damage such as discoloration.





4 Check Settings

Adjust the gas supply to the desired flow rate between 5 and 15 L/min.

Note: Ensure the oxygen concentration of an oxygen/ air supply is either monitored using an oxygen analyzer or preset using oxygen/ air flow-rate graphs. The recommendation is 10 L/min for neonates > 8 kg in weight.



5a To Check Max Pressure

Occlude the PEEP¹ cap and turn the PIP² control fully clockwise, until the knob doesn't turn anymore (↑) or ↑).

- 1. Positive end-expiratory pressure
- 2. Peak inspiratory pressure



Adjust the max pressure control knob clockwise or counterclockwise to set the desired max pressure.

Notes:

- The factory setting of the Max Pressure Relief is 40 cmH₂O [mbar].
- The Max Pressure Relief valve acts as an overall limit on the achievable circuit pressure. Resuscitation above 40 cmH₂O [mbar] cannot be achieved unless the Max Pressure Relief valve is adjusted.





6 To Set PIP

While still occluding the PEEP cap, turn the PIP control knob counterclockwise until the desired PIP has been set (1) or 1).



To Set PEEP

Adjust the PEEP cap to the desired PEEP level.

Turn off the gas supply and remove the test lung from the T-piece circuit. Ensure that the rigid plastic connector of the test lung is also removed from the T-piece circuit before attempting to connect a mask or endotracheal tube. Failing to do so may cause unacceptable delays during patient resuscitation (1) or 1).



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To Resuscitate

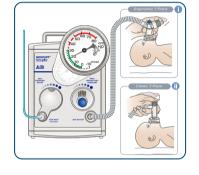
Adjust the gas supply to the desired flow rate. This should be the same flow that was set during setup.



Fit the T-piece circuit to the neonatal resuscitation mask and place over the baby's mouth and nose.

Resuscitate by placing and removing a finger or thumb over the PEEP¹ cap to allow inspiration and expiration (1) or 1).

1. Positive end-expiratory pressure



10 OR

Fit the T-piece circuit to the endotracheal tube.

Resuscitate by placing and removing a finger or thumb over the PEEP¹ cap to allow inspiration and expiration (1) or 1).

1. Positive end-expiratory pressure

