

NeoFlow Infant Resuscitator Setup

Guidance for Use

This guidance should be read in conjunction with the IFU supplied with the specific Breathing Circuit, the Flow Driver and NeoFlow Infant Resuscitator

The NeoFlow device should be connected to an appropriate blending device using the gas supply hose, allowing for effective control of O₂ from 21% to 100%. It is recommended that resuscitation is started at an oxygen concentration of 21%.



Step 1

Connect the gas supply hose to the gas inlet of the NeoFlow Infant Resuscitator.



Step 2

Connect NeoFlow Tubing Limb to the gas outlet of NeoFlow. Rotate the Max Relief Pressure valve fully anti-clockwise. This will protect the manometer gauge from damage.

ENSURE THAT THE CAP BLEED HOLE ON THE NEOFLOW TUBING LIMB IS NOT OCCLUDED.



Step 3

Ensure the red cap is connected to NeoFlow tubing limb. Adjust the flow rate of the gas supply between 5 and 15L/min. Typically 10L/min.



Step 4

Rotate the Inspiratory Pressure Control valve fully clockwise. To set maximum pressure relief, rotate the purple patient elbow cap fully clockwise. Use thumb or index finger to occlude the cap bleed hole – being careful not to cause the manometer needle to pass beyond the '80' indicator. Simultaneously rotate the Maximum Relief Pressure valve clockwise to 40cmH₂ O. Replace the safety pressure anti-tamper cover.



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Step 5

To adjust or set maximum PIP (Positive Inspiratory Pressure) setting in use, rotate the Inspiratory Pressure Control valve to achieve the desired PIP.



Step 6

Having set the Max Inspiratory Pressure and the Positive Inspiratory Pressure, now set the PEEP. This is done by rotating the purple patient elbow cap.



Step 7

Connect a suitably sized neonatal silicone mask.



Step 8

The system setup is now complete and the equipment is ready to use.

