

miniFLOW Noninvasive Interface Set-up Guide

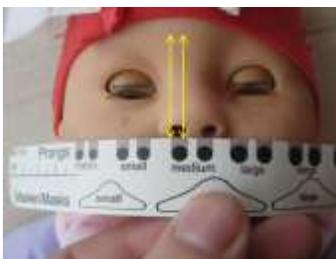
1. Choose the correct size Bonnet, the Bonnet should fit snug

- Measure the infant's head circumference.
- Stretch the Bonnet with your hands for ease of application.
- Bonnet tube fastener (nylon hook/loop) should be located in the middle of the forehead.
- Bonnet should be positioned starting from the forehead with front edge on eyebrows, covering the ears and finishing at the base of the neck.



2. Choose the correct size Nasal Prongs or Mask

- Use the sizing template for nare/nostril measurement.
- Prongs should fill the nares completely. Use the biggest size possible without stretching the nare.
- Mask sizing should not constrict the nostrils or touch the eyes.



3. miniFLOW Patient Interface attachment

- Connect the prongs or mask to the patient interface connection ensuring that it is fully inserted.
- Prongs should be positioned with semicircular base pointed toward the infant's mouth.
- Choose the most suitable angle on the yellow interface connector;
 - 45° for babies weighing more than 1000g (narrow angle)
 - 60° for babies weighing less than 1000g (wide angle)
- Fixation strips (packaged with the Bonnet) should be attached on either side of the Nasal Prongs / Mask.
- Open the hook/loop tube fastener on the bonnet.

- Place the miniFLOW tubes on either side of the middle tab of the tube fastener.
- Set pNeuton mini ventilator pressure & flow settings and connect miniFLOW to patient circuit with proximal pressure line.
- NOTE: Airway pressure adapter is attached to the inspiratory limb of the patient circuit.

4. Nasal Prongs / Mask application

Ensure there is gas flow present prior to interface application.

Nasal Prongs;

- Insert the Prongs **halfway** into the nares.
- Base of the Prongs should not be in contact with either the infant's nose or the upper lip region.
- NOTE: Micro/small Prongs have straight tubing; all others have a conic base.



Nasal Mask;

- Place mask over the infant's nose.
- Aim for equal pressure at all areas between mask and infant's skin.

5. Stabilizing Patient Interface

- Secure miniFLOW with hook/loop tube fastener on the Bonnet.
- Fasten the fixation strips onto the Bonnet below the patient's ears to stabilize the Nasal Prongs / Mask.
- Use the least tension possible when apply strips to maintain a seal for pressure delivery and stability of the infant interface.
- If desired, tie the top of the Bonnet using the Bonnet's white ties.





miniFlow Patient Interface Guide

CPAP / Noninvasive Ventilation Application

Single – Use Bonnets (10 pieces)			
REF	Size	Color	Head Circumference cm
58412	XS	White	19-21
58413	S	Yellow	12-23
58414	M	Red	23 – 25.5
58415	L	Blue	25.5 - 28
58416	XL	Orange	28 - 30
58417	XXL	Green	30-33
58418	XXXL	White	33-36

Prongs (10 pieces)			Masks (10 pieces)		
REF	Size	Weight G	REF	Size	Weight G
58401	micro	Up to 500	58408	S	Up to 1000
58402	S	500 – 1000	58409	M	1000 – 2000
58403	M	1000 – 1500	58410	L	2000 – 3000
58407	M wide	750 – 1500	58411	XL	3000 – 4000
58404	L	1500 – 2200			
58406	L wide	1500 – 2200			
58405	XL	2200 – 3000			

Fixation Strips (10 pieces)		miniFlow Patient Interface	
REF	Size	REF	Description
58419	13 cm	58400	miniFlow Patient Interface (20)
58420	15 cm	58235	miniFlow Start-up Kit, small = 5 miniFlow, 3 small prongs, 2 small masks and 3 bonnets
58421	18 cm		
58422	20 cm	58236	miniFlow Start-up Kit, large = 5 miniFlow, 3 large prongs, 2 large masks and 3 bonnets
58423	23 cm		



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