



**NEONATAL
CARE**
— 2018



Neonatal Care

Besmed provides a solution for those patients with respiratory problems due to underdeveloped lungs and require breathing support because of prematurity or any other conditions for babies and infants CPAP treatment prescribed by doctors.

A comprehensive range includes:

- Air-Bubbler
- Nasal CPAP
- In-FLOW
- Hi-iNFLOW
- Nasal Prongs/Masks
- Infant Bonnets
- Heated Respiratory Humidifier
- Humidifier Chamber
- Heated wire 10mm and 12 mm
- T-piece Resuscitation
- Test Lung

Besmed products are manufactured under international quality standards for medical device and marked with CE.

Besmed Neonatal solution, employed soft-touch medical material with comfort plus friendly functionality for users, is **the best choice for care!**





Neonatal Care

<i>Air-Bubbler™</i>	4
Nasal CPAP System	5
Bubble CPAP System	8
Breathing Circuit	9
Accessories	10

Air-Bubbler™

WT-96622

Patent Pending US, EU, TW, CN

Indication

- *Air-Bubbler™* provides CPAP to spontaneously breathing neonates and infants who require breathing support because of prematurity or any other conditions CPAP prescribed by doctors.
- *Air-Bubbler™* allows airway pressure to be set easily with bubble CPAP devices.

Function

- *Air-Bubbler™* provides a proven method of delivering 2-10cm H₂O for bubble CPAP for use with infants weighing <10kg.
- The CPAP is adjustable from 2 to 10cm H₂O with gas flow from 1 to 12L/PM
- Transparent wall allows the water level to be observed without disruption.

Feature

- Most unique and compact bubble generator with patent pending.
- Vertical swivel button to fix up the pressure as per patient's demand by doctors/nurses.
- Specific indication to avoid any improperly operational risk
- Automatic Min/Max water line assures appropriate water being filled up.

Specification

Gas Inlet Connector	15M/22F connector	
Gas Flow Range	4-15 LPM	
Adjustable Range	2-10cm H ₂ O	
Accuracy	±1cm H ₂ O	
Water Capacity	Low	350ml
	Medium	380ml
	High	400ml
Size	11.5 x 11.5 x 25 cm	
Weight	157 g	



Vertical swivel from 2 to 10 to fix up the pressure as per patient's demand.



360° swivel to connect expiratory circuit with 15F/22M connector.



Water adjustment port enables users without disconnecting circuit.



Automatic Min/Max water line assures appropriate water being filled up.

Nasal CPAP System - iNFLOW™

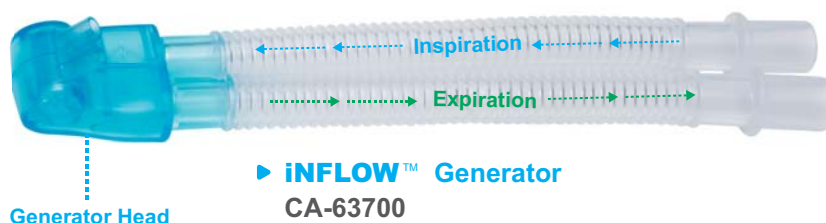
The Besmed Nasal CPAP System is the application of positive pressure to the airways of a spontaneously breathing infant throughout the respiratory cycle. Besmed Nasal CPAP System is a continuous flow of gas administered through nasal prongs inserted in the nares or by a nasal mask placed around the nose.

iNFLOW™

Besmed iNFLOW™ provides a complete solution for infant CPAP system. It can be compatible with all flow driver and humidifier in the neonatal ICU. It consists of the Nasal Prongs, Mask, Nasal tubing and Bonnet.

Feature

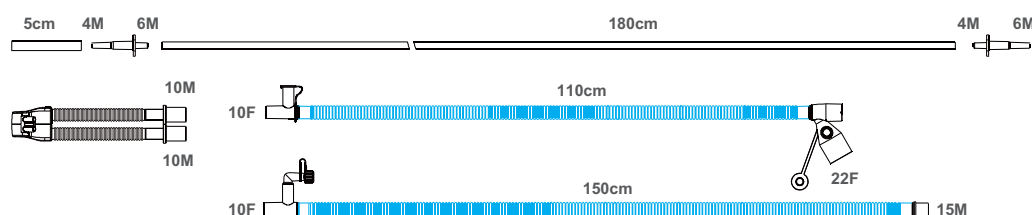
- Low dead space
- Light weight and flexible tubing
- Two positive angles for prongs or mask placement
- Compatible with nasal prongs or mask
- Easy to use



Heated Wire - Neonate for iNFLOW™

CT-19240

 F&P Type



Hi-iNFLOW™

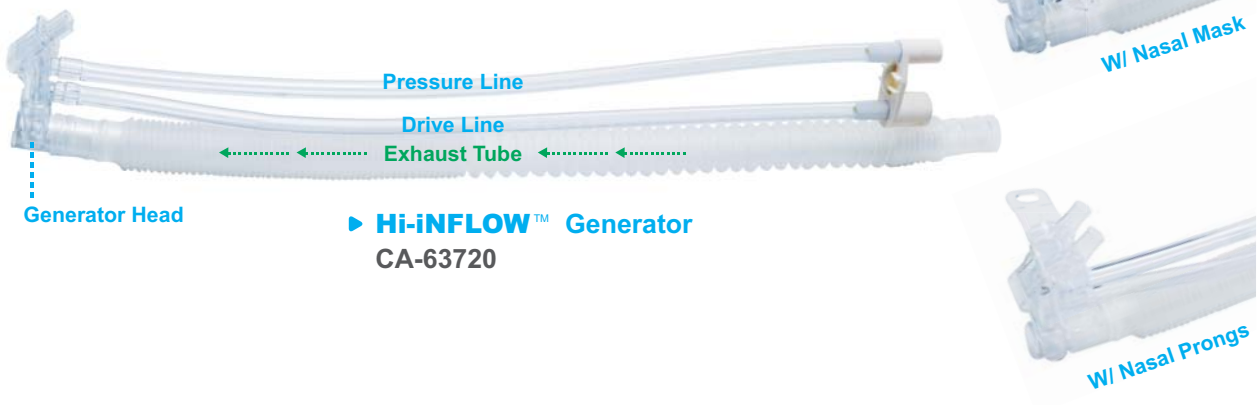
Besmed Hi-iNFLOW™ provides a complete care solution for infant CPAP. It can be compatible with all flow driver and humidifier in the neonatal in the neonatal ICU. It consists of the Nasal Prongs or Mask, Nasal tubing and Bonnet. It is intended to be used for the administration of continuous positive airway pressure (CPAP) on continuously monitored neonatal and infant patients in the hospital/institutional environment.

Indication

- Abnormalities on physical examination
- Deteriorating arterial/capillary blood gas values
- Atelectasis
- Weaning/post-extubation support

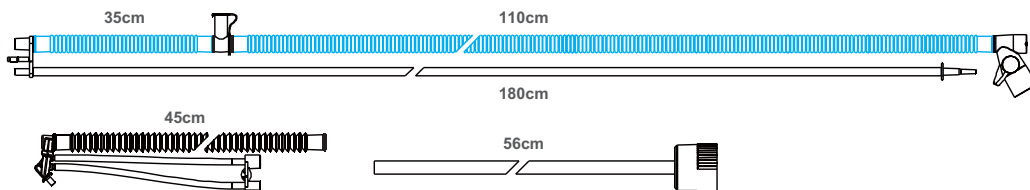
Feature

- Low dead space
- Light weight and flexible tubing
- Compatible with nasal prongs or mask



Heated Wire - Neonate for Hi-iNFLOW™

CT-19242



Infant Interface



Besmed develops the infant interface for use with the Bubble CPAP System, Nasal CPAP and non-invasive support system.

Feature

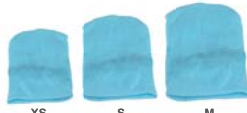


- Medical grade silicone material.
- BPA Free, DEHP Free, Phthalate Free and Latex Free Material.
- Anatomically designed.
- Ideal size and depth for selection.
- Available five sizes of prongs and three sizes of mask.
- Interchangeable with prongs or mask.

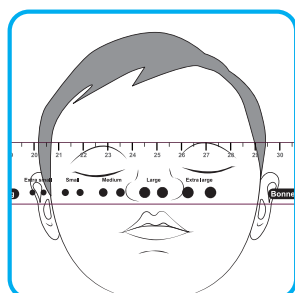


Prong & Mask Size Guide

CA-63006

Use size meter to select right size to promote ideal fit to optimize therapy delivery.

Type	Size	Description	Item No.
Bonnet 	XS	<700grams (15.7-17.5cm), XS	CA-63701
	S	700-2000grams (17.6-20cm), S	CA-63702
	M	2000-3000grams (>20cm), M	CA-63703
Nasal Prongs 	XS	Medical grade silicone	CA-63800
	S	Medical grade silicone	CA-63810
	M	Medical grade silicone	CA-63820
	L	Medical grade silicone	CA-63830
	XL	Medical grade silicone	CA-63840
Nasal Masks 	S	Medical grade silicone	CA-63811
	M	Medical grade silicone	CA-63821
	L	Medical grade silicone	CA-63831



Correct Size



Bubble CPAP System

The Besmed Bubble CPAP System includes the Bubble CPAP generator, heated breathing circuits, humidification chamber and pressure manifold. Incorporating unique features and world-leading humidification technology, Besmed Bubble CPAP System has been developed to provide a respiratory support system that is safe, effective and reliable.

Bubble CPAP Kit

Indication

Single patient use device intended for use with neonates, infants and children under 10Kg requiring a nasal prong interface during intermittent or continuous gas flow therapy in the hospital critical care unit.





Bubble CPAP Kit Includes:

- Bonnet
- Nasal Prongs
- Sampling Line
- Connector Kit
- Collapsible Tubing

Corrugated Tubing 120cm

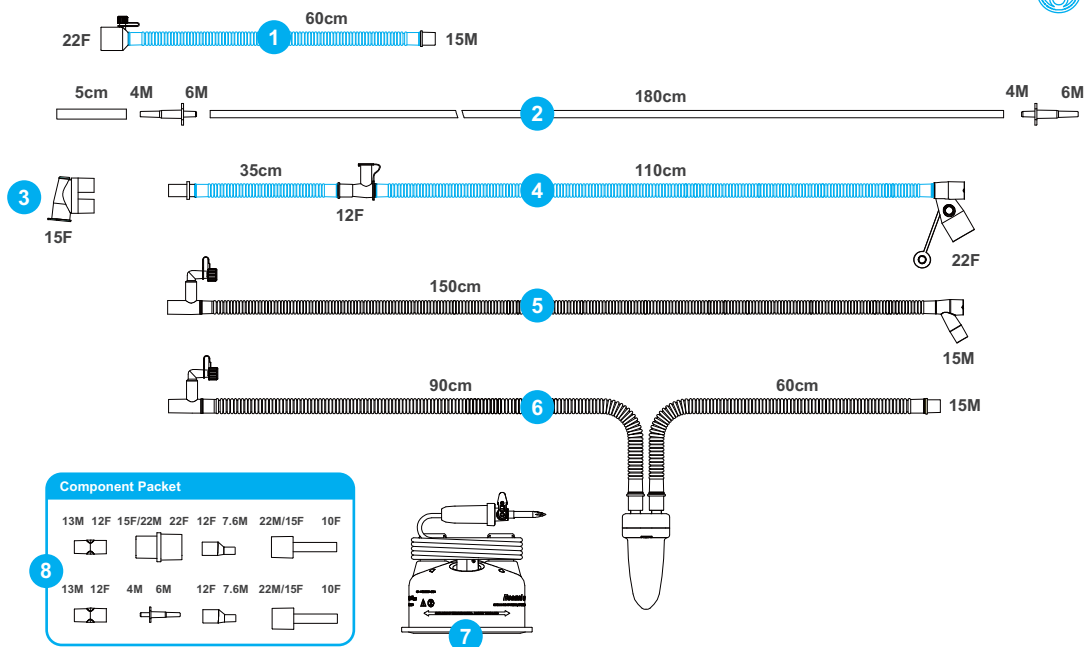


Type	Size	Description
Bonnet 	XS	<700 grams
	S	700-2000 grams
	M	2000-3000 grams
Nasal Prongs 	00	Less than 600 grams
	0	Less than 700 grams
	1	700 to 1200 grams
	2	1200 to 2000 grams
	3	2000 to 3000 grams
	4	over 3000 grams
	5	over 5000 grams

Bonnet	Nasal Prongs	Sampling Line	Connector Kit	Collapsible Tubing	Corrugated Tubing	Item No.
XS	00	•	•	•	•	CA-63400
XS	0	•	•	•	•	CA-63410
S	1	•	•	•	•	CA-63411
S	2	•	•	•	•	CA-63412
M	3	•	•	•	•	CA-63413
M	4	•	•	•	•	CA-63414
M	5	•	•	•	•	CA-63415
XS	00	•	•	•		CA-63300
XS	0	•	•	•		CA-63310
S	1	•	•	•		CA-63311
S	2	•	•	•		CA-63312
M	3	•	•	•		CA-63313
M	4	•	•	•		CA-63314
M	5	•	•	•		CA-63315

Heated Wire - Neonate Ø10mm | Infant Ø12mm

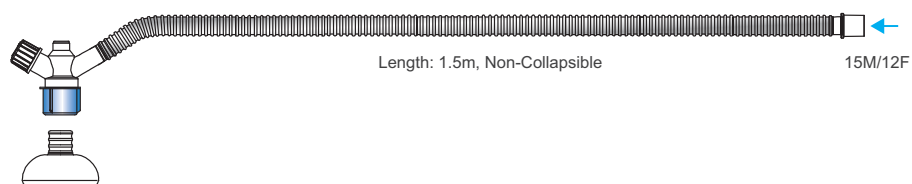
 F&P Type



	Limb	1	2	3	4	5	6	7	8	Item No.
Neonate Ø10mm	Single	•	•	•	•		•			CT-19321
		•	•	•	•		•	•		CT-19323
	Dual	•	•	•	•	•				CT-19322
		•	•	•	•	•		•		CT-19324
Infant Ø12mm	Single	•	•	•	•		•		•	CT-19221
		•	•	•	•		•	•	•	CT-19223
	Dual	•	•	•	•	•			•	CT-19222
		•	•	•	•	•		•	•	CT-19224

NOTE: Molex type is available upon request.

Infant T Piece Resuscitation Kit



	Length	Duckbill	Mask #0	Item No.
Infant	1.5m	•		CT-11500
	1.5m	•	•	CT-11501

Heated Respiratory Humidifier

Heated Respiratory Humidifier



HC-73100	AC 100V-120V, 50/60Hz
HC-73200	AC 220V-240V, 50/60Hz

Specification

Supply Voltage	110VAC/60 Hz; 220VAC/50 Hz
Capacity	85W
Heat Control (Level Channel)	1-9
Heater Plate Temperature	48°C ~ 72°C
Weight	Approx. 1.3Kg
Dimensions	140 (L) x 170 (W) x 138 (H) mm

Smart Respiratory Humidifier



HC-73300	AC 100V-120V, 50/60Hz
HC-73400	AC 220V-240V, 50/60Hz

Specification

Supply Voltage	110VAC/60 Hz; 220VAC/50 Hz
Capacity	150W
Temperature Range	Invasive Mode 35°C - 42°C Non-Invasive Mode 28°C - 36°C
Heater Plate Temperature	10°C - 70°C
Weight	Approx. 2.3Kg
Dimensions	140 (L) x 170 (W) x 138 (H) mm

Humidification Chamber

Type	Disposable	Connector
<p>Auto Feeding</p>  <p>HC-73138</p>	 <p>HC-73139 IV set detachable</p>	 <p>HC-73137</p>

Filter Heater and Accessories

Expiratory Filter Heater



FL-70001	AC 100V-120V, 50/60HZ
FL-70002	AC 220V-240V, 50/60HZ

Expiratory Bacteria Filter



FL-70400	Reusable Expiratory Bacteria Filter, 22M/22M
FL-70500	Disposable Expiratory Bacteria Filter, 22M/22M

Accessories

Pressure Manifold

CT-13540

- Relief Valve 12cmH₂O
- T-connector
- Tube
- Cap



Relief Valve, 12cmH₂O

RE-21305



Test Lung, 50ml

TL-94200



Compliance	0.7mL/mbar @ V _i =20mL
Resistance	20mbar/L/S
Volume	20mL
Weight	25 grams
Dimension	220 X 50 X 50 mm
Connector	15mm O.D.

Test Lung, 20ml

TL-94300

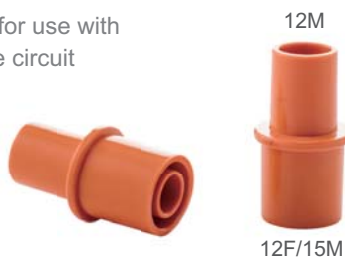


Volume	10mL
--------	------

High Flow Connector, Disposable

CT-14460

Orange restrictor for use with 12 mm disposable circuit for SLE5000.



Transparent Silicone Mask



SM-86503	Size #0	SM-86583	Size #000
SM-86573	Size #00		

Disposable Water Trap



WT-96510	OD:10mm
WT-96512	OD:12mm

Index

Item no.	Package	Page
CT-11500	20	9
CT-11501	20	9
CT-13540	50	11
CT-14460	125/500	11
CT-19221	10	9
CT-19222	10	9
CT-19223	10	9
CT-19224	10	9
CT-19240	20	5
CT-19242	20	6
CT-19321	10	9
CT-19322	10	9
CT-19323	10	9
CT-19324	10	9
RE-21305	125/500	11
CA-63006		8
CA-63300	10	8
CA-63310	10	8
CA-63311	10	8
CA-63312	10	8
CA-63313	10	8
CA-63314	10	8
CA-63315	10	8
CA-63400	10	8
CA-63410	10	8
CA-63411	10	8
CA-63412	10	8
CA-63413	10	8
CA-63414	10	8
CA-63415	10	8
CA-63700	30/240	5

Item no.	Package	Page
CA-63701	30/240	7
CA-63702	30/240	7
CA-63703	30/240	7
CA-63720	30/120	6
CA-63800	60/480	7
CA-63810	60/480	7
CA-63811	60/480	7
CA-63820	60/480	7
CA-63821	60/480	7
CA-63830	60/480	7
CA-63831	60/480	7
CA-63840	60/480	7
FL-70001	4	12
FL-70002	4	12
FL-70400	20	12
FL-70500	20	12
HC-73100	4	10
HC-73137	40/160	10
HC-73138	25	10
HC-73139	25	10
HC-73200	4	10
HC-73300	4	10
HC-73400	4	10
SM-86503	300	11
SM-86573	300	11
SM-86583	400	11
TL-94200	20/240	11
TL-94300	40/200	11
WT-96510	100	11
WT-96512	100	11
WT-96622	25	4



BESMED HEALTH BUSINESS CORP.

No. 2, Lane 106, Wu-Kong 3rd Rd, Wu-Ku District,
New Taipei City, Taiwan. 24888

Tel: +886-2-2290-3959

Fax: +886-2-2299-9076

E-mail: info@besmed.com

Web-site: www.besmed.com

BESMED TAIWAN FACTORY

No. 5, Lane 116, Wu-Kong 2nd Rd, Wu-Ku District,
New Taipei City, Taiwan. 24888

BESMED CHINA FACTORY

No. 51 Mogan Shan Rd., Beilun, Ningbo, 315800, China

Tel: +86-574-26878997

Fax: +86-574-26878992

E-mail: nbo.sales02@besmed.com

