LIFE OPTO

*Caring for life*



CARING FOR *life*

MEDICAL CONSUMABLES

LIFE OPTO

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# REMARKS / NOTES

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# *Welcome to* Life Optoelectronics

*Established in 2016, Life Optoelectronics is a trusted name in the medical equipment industry, dedicated to enhancing patient care through high-quality medical accessories. We specialize in the distribution of DVT pumps, lymphedema pumps, neonatal respiratory accessories, and patient identification bands, ensuring healthcare professionals have access to reliable and effective solutions.*

*At Life Optoelectronics, we recognize the critical role these medical tools play in patient well-being. That's why we meticulously source and offer a curated selection of products that meet the highest standards of performance, safety, and durability. Our commitment to excellence drives us to collaborate with leading manufacturers, ensuring that our customers receive only the best.*

*Customer satisfaction is at the core of our business. Our knowledgeable team is always available to assist you in selecting the right medical accessories tailored to your specific needs. Whether you are a hospital, clinic, or healthcare professional, we are dedicated to providing seamless experiences and outstanding support at every step.*

*At Life Optoelectronics, we go beyond being just a supplier—we are your trusted partner in healthcare. Join us in our mission to improve patient care with innovative, reliable, and high-performance medical equipment.*




Manufacturers of Complete **Patient ID** Solutions

CARING FOR LIFE



Complete **DVT** Prevention Solutions



- **Neonatal Care Accessories**
  - Ventilator Circuits
  - High Flow Nasal Cannula
  - Infant Interfaces
- **Bubble CPAP**



**X-RAY PROTECTION APPARELS**

- Thyroid Shield
- Lead Goggles
- Gonad Shield
- Lead Cap
- Lead Apron

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TRUST. |
INNOVATE. |
CARE. |

# CONTENT



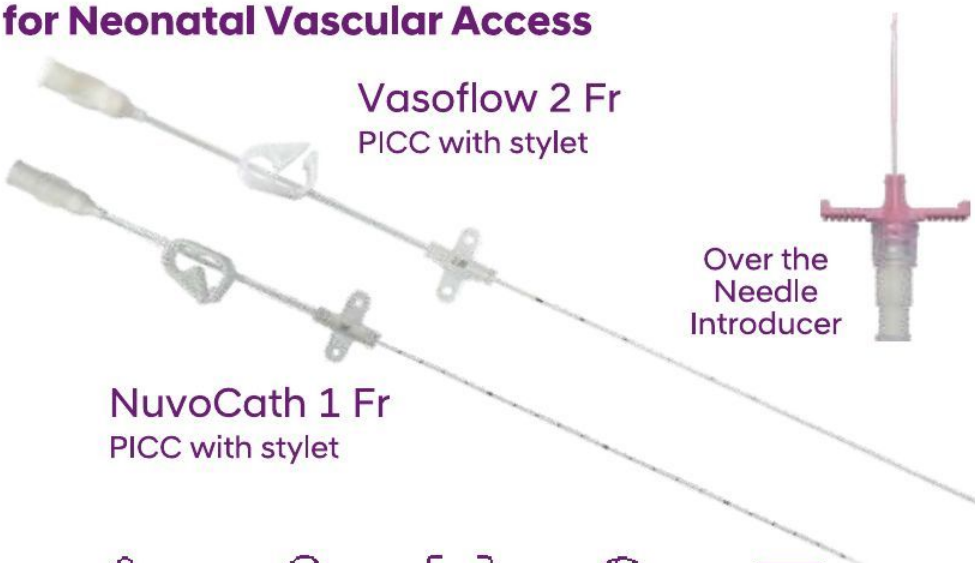


venocura.
Beyond Access, Toward Trust

VENOCURA

# PICC Portfolio

## Peripherally Inserted Central Catheters for Neonatal Vascular Access




Stylet-Assisted Insertion | Polyurethane Construction | Radiopaque Visualization | Neonatal Application | Sterile Single-Use Kit

***Designed for Precision, Continuity and Confidence in Neonatal Therapy.***

### NuvoCath 1 Fr

PICC with stylet

*Designed for ultra-small vessels where minimal profile and controlled advancement are critical.*

- *1 Fr / 28G*
- *Twisted Wire Stylet*
- *Polyurethane Construction*
- *Radiopaque Design*
- *Neonatal-Focused Configuration*

### Vasoflow 2 Fr

PICC with stylet

*Designed for situations requiring increased flow capability and handling stability.*

- *2 Fr / 24G*
- *Twisted Wire Stylet*
- *Polyurethane Construction*
- *Radiopaque Design*
- *Flow-Oriented Performance*

| Product | Fr | Length (cm) | Priming Vol. | Flow Rate (ml/min @1 Bar) |
|---|---|---|---|---|
| NuvoCath | 1 Fr | 20 | 0.14 | 1.9 |
| VasoFlow | 2 Fr | 30 | 0.31 | 15 |

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# Umbilical Catheter Portfolio

*Single and Double Lumen Solutions for Neonatal Vascular Access*



## UmbriOne (Single Lumen)

| Code | Catheter (PUR) | | | | | |
|---|---|---|---|---|---|---|
| | Ext Φ mm | Fr | Length cm | Lumen | Priming Volume ml | Flow rate ml/min |
| U1503513001 | 1.2 | 3.5 | 30 | 16Go | 0.53 | 14 |
| U1500414001 | 1.3 | 4 | 40 | 16Go | 0.36 | 15 |
| U1500513001 | 1.7 | 5 | 30 | 18Go | 0.42 | 38 |

## Duoflow (Double Lumen)

| Code | Catheter (PUR) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ext. Φ mm | Fr | Length cm | Lumen | Priming Volume ml | | Flow rate ml/min | |
| | | | | | Distal | Proximal | Distal | Proximal |
| D1503524001 | 1.2 | 3.5 | 40 | 20Ga / 20Ga | 0.39 | 0.33 | 4 | 2.2 |
| D1500423001 | 1.3 | 4 | 30 | 20Ga / 20Ga | 0.38 | 0.32 | 8.5 | 5.5 |
| D1500523001 | 1.7 | 5 | 30 | 19Ga / 19Ga | 0.48 | 0.48 | 13 | 13 |

radiopaque design | Thermosensitive Polyurethane | Neonatal Application | Atraumatic Rounded Tip | DEHP-Free Construction

***Designed for Precision, Continuity and Confidence in Neonatal Therapy.***

### Single Lumen

*Designed for situation where a dedicated infusion pathway is sufficient for the clinical need.*

***Key Highlights :***

- *Simplified access*
- *Lower line complexity*
- *Dedicated infusion channel*
- *Neonatal-focused design*

### Double Lumen

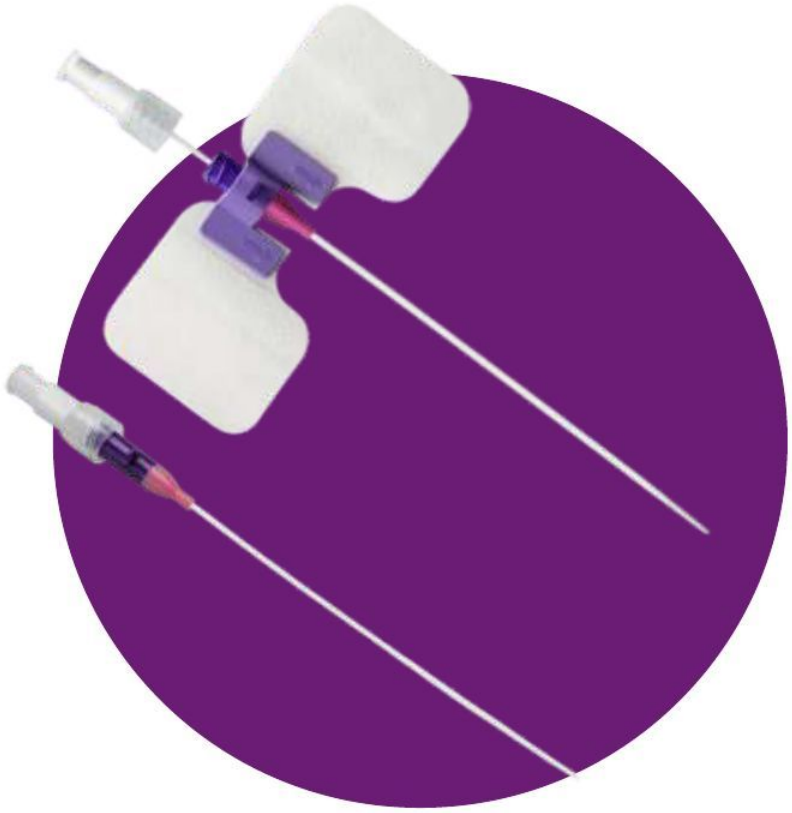
*Designed to support concurrent infusion requirements while reducing the need for additional vascular access.*

***Key Highlights :***

- *Dual infusion pathways*
- *Simultaneous therapy*
- *administration*
- *Enhanced clinical flexibility*

# ArteLine

*Arterial Catheter*



***Continuous Monitoring***
*Support real-time arterial pressure assessment*

***Blood Sampling Access***
*Facilitates repeated arterial blood gas sampling while minimizing repeated punctures.*

***Clinical Decision Support***
*Provides reliable physiological data that supports critical treatment decisions.*

## Arteline

| Code | Catheter (PUR) | | | | Guidewire | | Needle | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ext Φ mm | Ga | Length cm | Lumen | Ext Φ mm | Length cm | Ext Φ mm | G | Length cm |
| A130-22064-01 | 0.91 | 22 | 6.4 | single | 0.46 | 25/21.5 | 0.82 | 21 | 70 |
| A130-20080-01 | 1.08 | 20 | 8 | single | 0.46 | 25/21.5 | 0.91 | 20 | 45 |
| A130-18080-01 | 1.29 | 18 | 8 | single | 0.46 | 25/21.5 | 1.1 | 19 | 45 |

# VasoHUB

## Needle Free Connector

| Connectors | Code | Description | Tube Length cm | Priming Volume ml | Tubing inner mm |
|---|---|---|---|---|---|
|  | P121-001 | Smallbore extension set with two connectors | 3.3cm &5cm | 0.9+ 1.2 | OD2.3mm /ID1.2mm |
|  | P121-002 | Smallbore extension set with three connectors | 3.3cm &5cm | 0.24+ 1.2 | OD2.3mm /ID1.2mm |



THERMAFLOW

# Embedded heated Wire Circuits

### *Reduced Contamination Risk*
*Closed system design minimizes the need for circuit design disconnections, helping reduce the risk of pathogen transmission and ventilator associated pneumonia (VAP)*

### *Lightweight & Flexible*
*Ultra-light construction improves maneuverability and enhances the patient's comfort and mobility.*

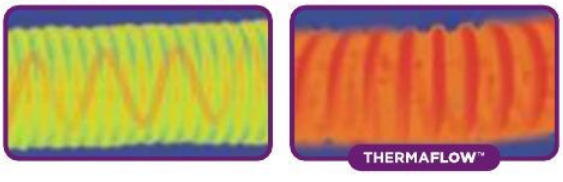


### *Stable Active Humidification*
*Precisely maintains optimal gas temperature and humidity, supporting mucosal integrity and overall patient comfort.*

### *Multiple Configurations*
*Available in Adult (22 mm), Infant (12 mm), and Neonatal (10 mm) sizes, with options for single- or dual-heated limbs to suit various clinical setups.*

### *Low Resistance Design*
*Smoothbore tubing promotes laminar airflow, reducing resistance and improving patient breathing comfort.*

**a** *Uniform Temperature Distribution*



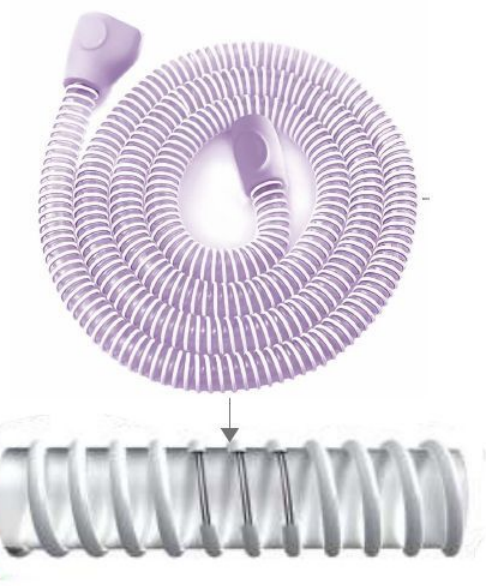

**b** *Rainout Prevention*



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## High Flow Circuit RHF-20201

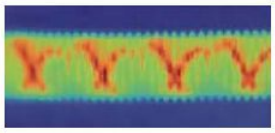
- *Connects with airvo, comen and with HFNC's which have inbuilt compressor.*
- *Connects with F&P Optiflow.*



- Embedded spiral heated wires

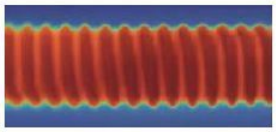
## Features :

- *Embedded spiral heater wires*
- *Efficiency in preventing condensation*
- *Outstanding compliance*



### Ordinary Circuit

*Conventional heated wires along the tube have cold spots, leading to condensation build-up*



### RHF-20201 *Great Performance*

*Embedded spiral heated wires provide uniform heating distribution from outside to inside throughout the length of the tube, providing 360 degrees warming of the tube*

*Included in the circuit*



Auto-feed Humidification Chamber
*HC-73138*



L-Shape Connector
*HC-73137*

**Compatible with AIRVO2 & AIRVO3*



*RECOMMENDED INTERFACES WITH OUR CIRCUITS*



**Oxaflow**
***NASAL CANNULA FOR HIGH FLOW TREATMENT (Neonate & Pedea.)***



**Zi-Flow**
***NASAL CANNULA FOR HIGH FLOW TREATMENT (Adult)***

| Code | Description |
|---|---|
| *RHF-20200* | *Thermaflow High Flow Circuit without Chamber* |
| *RHF-20201* | *Thermaflow High Flow Circuit with Chamber* |

*MOQ 10 PCS.

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# Neonatal Ventilator Circuit

## Single & Dual Heated Wire Circuits for Neonate & Infants

- *Compatible with F&P devices*
- *Comes with autofeed humidification chamber*
- *Can be used for all ventilators.*
- *For SLE 2000/4000/5000 ask for connector*
- *For babylog 8000 use component e from the component pack.*
- *For Maquet ventilators use HME filter.*



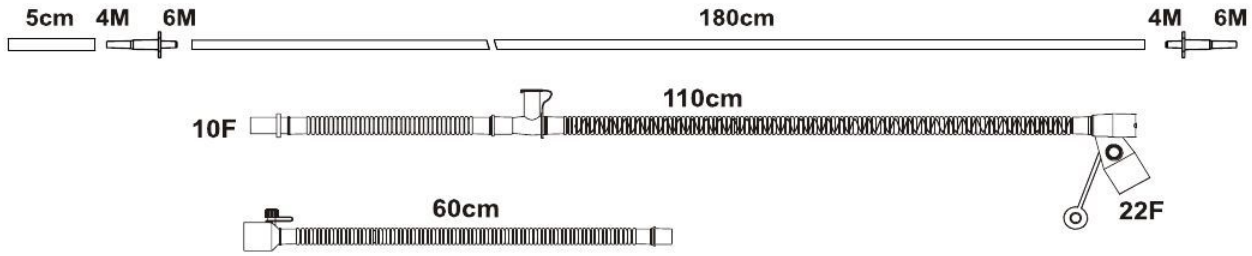



| Code | Description |
|---|---|
| *CT-19223* | *Thermaflow Embedded Single Heated Wire Circuit with Chamber (Only Inspiratory Limb Embedded)* |
| *CT-19224* | *Thermaflow Dual Heated Wire Circuit with Chamber (Only Inspiratory Limb Embedded)* |
| *RL-1101N* | *Thermaflow Embedded Single Heated Wire Circuit with Chamber* |
| *RL-1102N* | *Thermaflow Embedded Dual Heated Wire Circuit with Chamber* |

*MOQ 15 PCS.

## Heated Wire for Alpha-Flow

## CT-19235



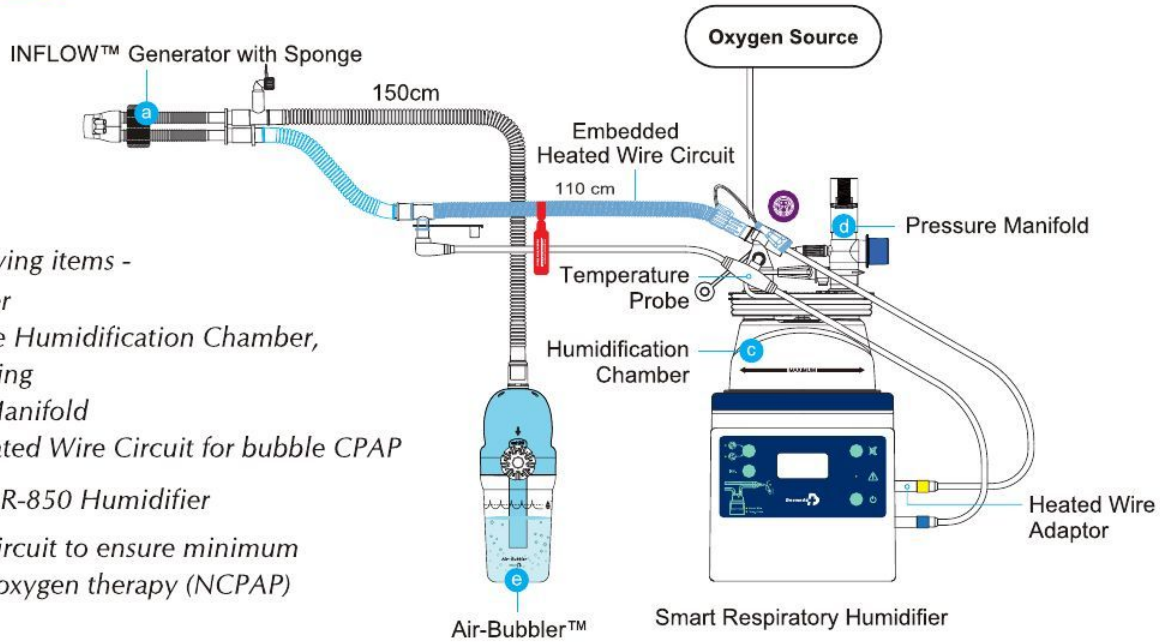

| Code | Description |
|---|---|
| *CT-19235* | *Neonatal HFNC circuit for F& P device can be used with Oxaflow and Alpha flow* |
| *LOR20202* | *Adult HFNC circuit for all ventilators can be used with Zi-Flow Cannula* |

*MOQ 15 PCS.

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# Bubble CPAP Circuit




## CT-19245

*It comprises of the following items -*

*WT-96622 : Air-Bubbler*
*HC-73138 : Disposable Humidification Chamber, Auto Feeding*
*CT-13540 : Pressure Manifold*
*CT-19230 : Single Heated Wire Circuit for bubble CPAP*

- *Compatible to F&P MR-850 Humidifier*
- *Spiral Heated Wire Circuit to ensure minimum condensation during oxygen therapy (NCPAP)*

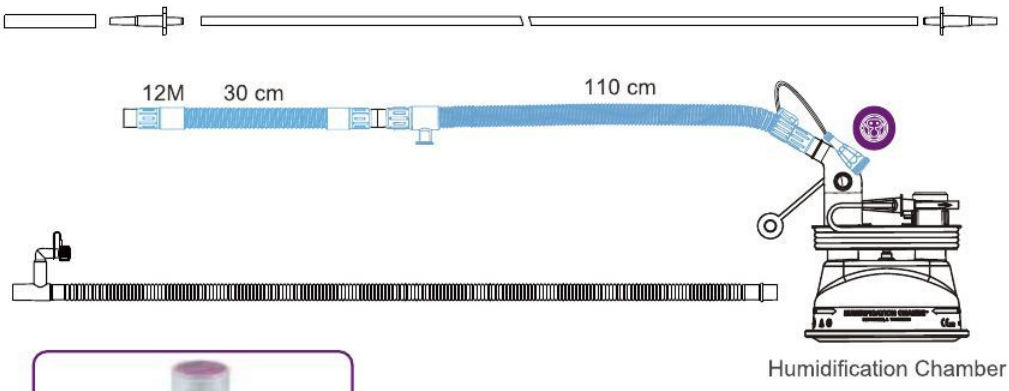


## Air Bubbler

*Air-Bubbler provides a proven method of delivering 0-10 cm $H_2O$ with gas flow from 1-10 Lpm.*

| Specification | |
|---|---|
| *Gas Inlet Connector* | *15M/22F Connector* |
| *Gas Flow Range* | *4-15 LPM* |
| *Adjustable Range* | *0-10 cm H2O* |
| *Accuracy* | *± 1cm H2O* |
| *Water Capacity* | *400 ml* |

## Heated Wire Circuit for Bubble CPAP (CT-19230)








## Pressure Manifold

*Relief Valve with T-Piece connector & tube to connect with air blender 12 LPM maximum air inlet*



# NEONATAL INTERFACES



## BMFlow Generator

*Nasal Tubings Compact Design: 70mm length, engineered for precise low-pressure oxygen flow.*
*Smooth Tubing: Reduces pressure points, ensuring comfort for sensitive neonates.*
*Compatibility : Fits most neonatal ventilators and oxygen sources, ideal for NICU respiratory support.*



### Neonatal Nasal Mask

*Soft-Seal Fit: Ergonomic design for leak-free oxygen delivery and comfortable fit.*
*Hypoallergenic: Safe for prolonged use with minimal skin irritation.*
*Adjustable Straps: Provides a secure hold, ideal for CPAP and BiPAP ventilation.*



### Neonatal Nasal Prongs

*Gentle Contour: Soft prongs for direct oxygen flow with reduced trauma risk.*
*Flexible & Lightweight: Ensures comfort, even with extended use.*
*Universal Fit: Compatible with standard oxygen setups in NICUs.*

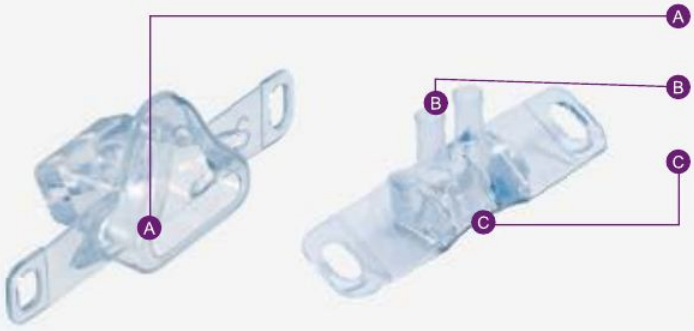


### Bonnet (Head Cap)

*Soft, Breathable Fabric: Hypoallergenic material to minimize irritation.*
*Adjustable Fit: Securely holds interfaces in place, preventing displacement.*
*Lightweight Design : Ensures minimal strain and ease of access.*

- ***Medical-grade soft silicone, pliable and gentle on the nares.***
- ***3D mask design conforms to facial shape for a snug, optimal fit.***
- ***Septum cut-away design helps prevent septal pressure and injury.***
- ***Optimized size and depth prevent the mask from contacting the nose.***
- ***Interchangeable between prongs and masks.***

# Interface of Nasal CPAP *suitable for BMFLOW & Hi-BMFLOW*



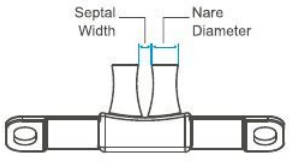
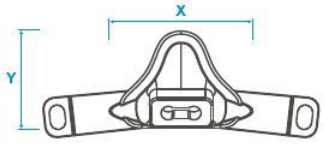

A *3D mask design conforms to facial contours for a snug, optimal fit.*

B *Septum cut-away design helps prevent septum pressure and injury.*

C *Anatomically curved for a comfortable, secure fit.*



***Size Guide*** | *CA-63006*
*Use the size meter to select the correct size and promote an ideal fit for effective therapy delivery.*

| Category | Code | Size | Specification | Package |
|---|---|---|---|---|
|  | *CA-63700* | — | *Silicon tube (65 mm)* | *20/box, 240/case* |
|  **Bonnet** | *CA-63701* | *XS* | *< 700 grams (16-18 cm)* | *30/box, 240/case* |
| | *CA-63702* | *S* | *700-2000 grams (18-22 cm)* | *30/box, 240/case* |
| | *CA-63703* | *M* | *2000-3000 grams (22-26 cm)* | *30/box, 240/case* |
| | *CA-63704* | *L* | *3000-4000 grams (26-30 cm)* | *30/box, 240/case* |
| | *CA-63705* | *XL* | *4000-4500 grams (30-32 cm)* | *30/box, 240/case* |
|   **Nasal Prongs** | *CA-63706* | *XXL* | *4500-5000 grams (33-36 cm)* | *20/box, 240/case* |
| | *CA-63800* | *XS* | *3.0 mm / 1.5 mm (Nare Diameter / Septal Width)* | *20/box, 240/case* |
| | *CA-63810* | *S* | *3.5 mm/2.5 mm (Nare Diameter / Septal Width)* | *20/box, 240/case* |
| | *CA-63820* | *M* | *4.1 mm/2.9 mm (Nare Diameter / Septal Width)* | *20/box, 240/case* |
| | *CA-63830* | *L* | *4.8 mm/2.4 mm (Nare Diameter / Septal Width)* | *20/box, 240/case* |
| | *CA-63840* | *XL* | *5.3 mm/3.9 mm (Nare Diameter / Septal Width)* | *20/box, 240/case* |
|   **Nasal Mask** | *CA-63811* | *S* | *19.3 mm/14.6 mm (X/Y)* | *20/box, 240/case* |
| | *CA-63821* | *M* | *20.7 mm / 15.0 mm (X/Y)* | *20/box, 240/case* |
| | *CA-63831* | *L* | *20.7 mm/17.6 mm (X/Y)* | *20/box, 240/case* |
| | *CA-63841* | *XL* | *22.0 mm / 19.0 mm (X/Y)* | *20/box, 240/case* |



NP FLOW

# NP Flow - Nasal CPAP Kit

*NP-Flow™ Nasal CPAP kit is intended for use with neonates, infants, and children under 10kg who require a nasal prong interface during intermittent or continuous gas flow therapy in the hospital critical care unit.*



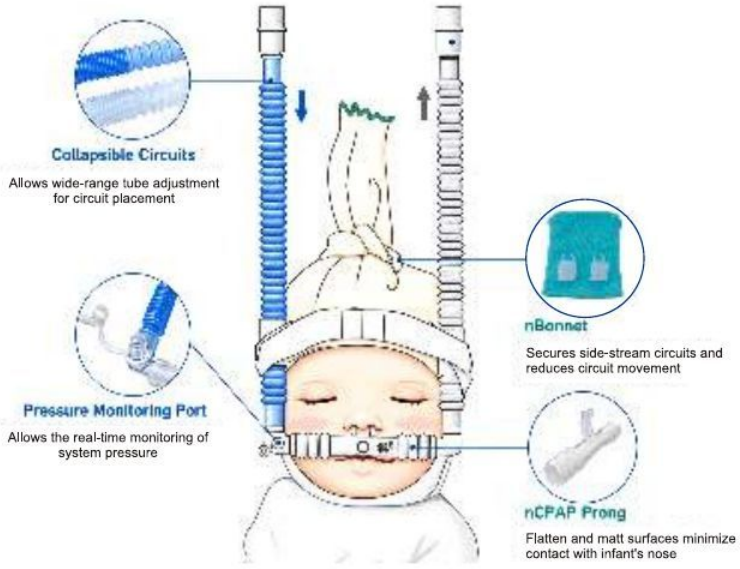
***Soft-touch tubing reduces friction and pressure on the face.***



***Pliable silicone prongs are gentle on the nares.***



***Anatomically curved design ensures a comfortable fit.***




| Code | Description |
|---|---|
| CA-63410 | NCPAP Kit, Bonnet XS, Nasal Prong 0 with Corrugate Tube |
| CA-63411 | NCPAP Kit, Bonnet XS, Nasal Prong 1 with Corrugate Tube |
| CA-63412 | NCPAP Kit, Bonnet S, Nasal Prong 2 with Corrugate Tube |
| CA-63413 | NCPAP Kit, Bonnet S, Nasal Prong 3 with Corrugate Tube |
| CA-63414 | NCPAP Kit, Bonnet M, Nasal Prong 4 with Corrugate Tube |
| CA-63416 | NCPAP Kit, Bonnet L, Nasal Prong 6 with Corrugate Tube |

*MOQ 10 PCS.



# OXA FLOW

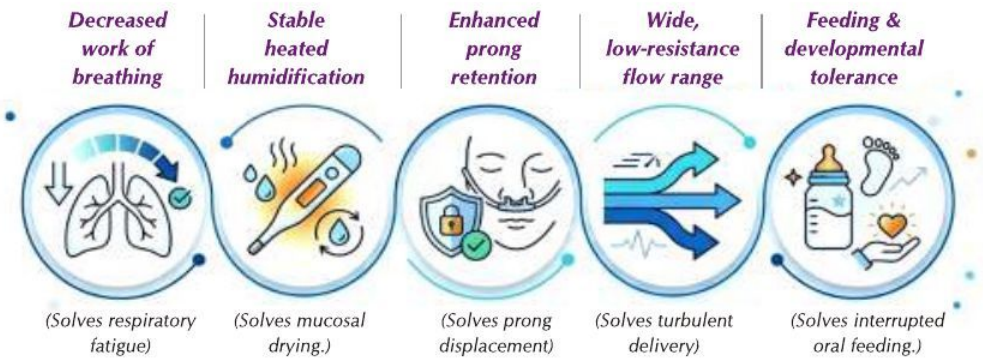
## High Flow Nasal Cannula

*OXAFLOW is engineered as a step-down and post-extubation interface — not a rigid CPAP substitute. Where aggressive fixation trades comfort for pressure, OXAFLOW supports the infant's own respiratory drive through a soft cannula that delivers heated, humidified flow with markedly less interface burden on fragile skin and nasal anatomy*

| Colour | Figure | Weight | Code |
|---|---|---|---|
| XS |  | 0.5 - 2.5 kg. | LOC00 |
| S |  | 1.0 - 4.0 kg. | LOC01 |
| M |  | 1.5 - 8.0 kg. | LOC02 |
| L |  | 3.5 - 16.0 kg. | LOC03 |
| XL |  | 7.0 - 30.0 kg. | LOC04 |

### Key Features :

- *Soft, atraumatic interface*
- *Heated & humidified flow*
- *Supports spontaneous breathing*




*MOQ 10 PCS. EACH SIZE



# HIGH-FLOW CANNULA

## αlpha Flow

***NASAL CANNULA FOR HIGH / LOW FLOW TREATMENT***

Usage :

*This cannula is used to give oxygen therapy either high flow or low flow through nares for the patients aged from premature babies, infants and preteens.*

- ***Dual-Flow Oxygen Therapy***
- ***Integrated Tube Architecture***
- ***Anatomically Contoured Nasal Prongs***
- ***Precision Size Identification***

***Alpha Flow comes with life hold***



| Code | Colour | Description |
|---|---|---|
| AF-60100 | | Alpha Flow 00 |
| AF-60101 | | Alpha Flow 01 |
| AF-60102 | | Alpha Flow 02 |
| AF-60103 | | Alpha Flow 03 |
| AF-60104 | | Alpha Flow 04 |
| AF-60105 | | Alpha Flow 05 |
| AF-60107 New | | Alpha Flow 07 (Smallest) |

*Compatible to F&P AirVo devices with connector

*MOQ 10 PCS. EACH SIZE

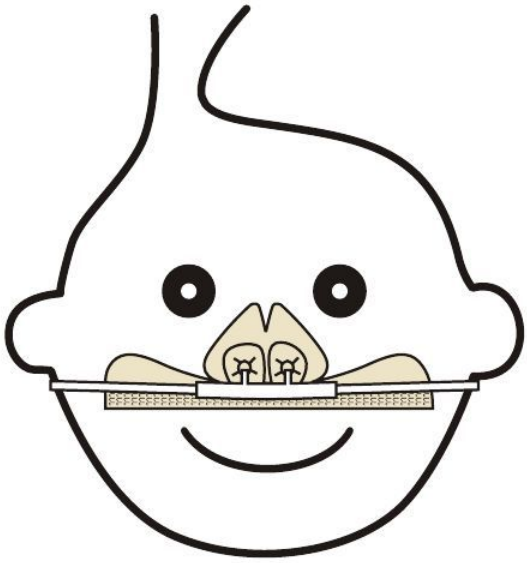


# NEONATAL ACCESSORIES

## NASAL SAFE

***Securement device for neonatal nasal cannulas & oxygen tubing.***

***Key Features:*** *Soft & Flexible Design –*
*Adhesive pad with a small strap/loop for secure fixation.*
***Comfort & Safety –*** *Hypoallergenic, medical-grade material prevents skin irritation.*
***Durability –*** *Moisture-resistant, ensuring secure placement during daily activities.*
***Easy Fastening –*** *Hook-and-loop system (Velcro) for easy adjustments.*



- *Gentle material provides a skin barrier between the baby and the cannula.*
- *Nasal holes suspend cannula prongs within the nares, minimizing skin contact.*
- *Hook and loop system secures the cannula to the patient but away from the septum.*

| Code | Description |
|---|---|
| NS-500 | Nasal Safe, Size : 2.1 cm x 6.1 cm (XS) |
| NS-501 | Nasal Safe, Size : 2.6 cm x 7.8 cm (Small) |
| NS-502 | Nasal Safe, Size : 2.7 cm x 8.5 cm (Medium) |
| NS-503 | Nasal Safe, Size : 3.2 cm x 9 cm (Large) |
| NS-504 | Nasal Safe, Size : 3.9 cm x 9.1 cm (XL) |

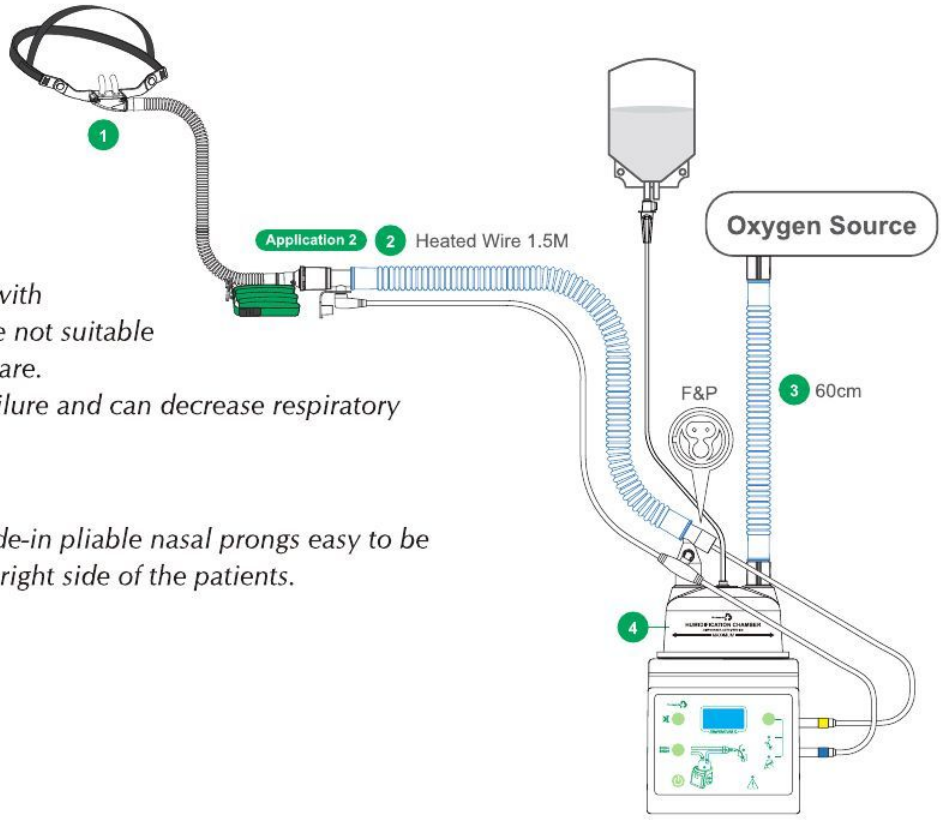
*MOQ 20 PCS. PER SIZE



# ZI-FLOW (ADULT HFNC)

## Zi-Flow

***NASAL CANNULA FOR HIGH FLOW TREATMENT***




### Usage :

*This cannula is used for medical patients with severe respiratory failure, or those who are not suitable for Intubation or patients need palliative care.*
*It reduces respiratory rate in respiratory failure and can decrease respiratory distress symptoms.*

### Features :

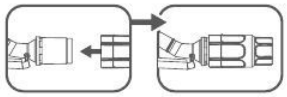
*Flexible EVA tube with detachable and slide-in pliable nasal prongs easy to be connected to the built-in device on left or right side of the patients.*

***Hanging the device for easy use.***

***Single Patient Use***

***Size Available***

| Code | Description |
|---|---|
| ZF-Z0R01 | Zi-Flow pediatrics nasal cannula |
| ZF-Z0R02 | Zi-Flow adult nasal cannula |
| ZF-Z0R03 | Zi-Flow large adult nasal cannula |



**Functional connector**
enables to apply F&P Airvo

Exclusive Distributor of Besmed



# INFANT FLOW SENSOR

## *Compatible with Hamilton Ventilators

*The Infant Flow Sensor is designed for high-precision measurement of respiratory flow rates by positioning the sensor close to the patient's airway. This proximal placement minimizes errors caused by circuit compliance, dead space, and leaks ensuring reliable performance in low tidal-volume ventilation. It enables accurate flow and volume detection directly at the airway opening for enhanced patient safety and ventilator accuracy.*



**Set includes:**
- Flow Sensor
- Tubing 1.8m
- Straight Connectors (22M, 15F)
- Tube Clip

### Specification

| Code | PO-85719 (1.8m) |
|---|---|
| Range of Flow | 0-30L/min |
| Dead Space | 1.504 $cm^3$ |
| Resistance | < 24 $cmH_2O/L/s$ |
| Weight | 63.5 grams |
| Weight without tubes | 7.1 grams |
| Accuracy of Measure | Calibrated Flow with Hamilton G5: ±15% or ±20ml |
| Working Range of Temperature | 15°C to 40°C |
| Condition of Storage | -20°C to +60°C |
| Compliance | ISO 5356-1 |
| Package | 10/box, 100/case |

- ***Proximal Airway Flow Measurement***
- ***Ultra-Low Tidal Volume Monitoring***
- ***Low Dead Space Design***
- ***Ventilator Accuracy & Patient Safety***

# Lifeband
## phototherapy goggles



### Blocks harmful light to baby eyes

- *Provides protection from phototherapy light*
- *Special eye-pad material blocks light to the eyes, while headband design allows phototherapy light to reach baby head.*

### Provides a perfect fit

- *Remains securely in place with unique Y-shaped design*
- *Conforms to any head shape with easy-to-use, adjustable tabs*

### Safe and comfortable

- *Patented material minimized the risk of skin irritation and is not made with natural rubber latex.*

| Code | Description |
|---|---|
| LB-306 | Eye Goggle, Circumference 20-23 cm (S) |
| LB-307 | Eye Goggle, Circumference 23-27 cm (M) |
| LB-308 | Eye Goggle, Circumference 27-34 cm (L) |

*MOQ 100 PCS. PER SIZE




| Code | Description |
|---|---|
| PLB-306 | Eye Goggle, Circumference 20-23 cm (S) |
| PLB-307 | Eye Goggle, Circumference 23-27 cm (M) |
| PLB-308 | Eye Goggle, Circumference 27-34 cm (L) |

*MOQ 100 PCS. PER SIZE

*Premium*

# Lifeband
## phototherapy goggles

- *Feather Soft*
- *Breathable Material*
- *Skin Friendly Material*
- *Blocks Light Upto 99.9%*
- *Customizable Size & Shape*



NEO COCOON

# Heat Loss Prevention Bags

## Product Overview

*Designed to immediately minimize evaporative and convective heat loss in newborns. Our medical-grade polyethylene wrap stabilizes the infant's temperature immediately post-delivery, significantly reducing the risk of hypothermia during transport and admission to the NICU.*

## Why Neo Cocoon

- *Prevents rapid heat loss after birth*
- *Reduces evaporative and convective heat loss*
- *Maintains stable body temperature*
- *Allows full clinical visibility and access*
- *Creates a warm, protected micro environment*
- *Lowers risk of neonatal hypothermia*



## KEY FEATURES



*Crystal Clear Visibility*



*Instant Application*



*Clinical Access*




*Skin-Friendly Material*

## HOW TO USE



*Step - 1*



*Step - 2*



*Step - 3*

| Code | Description | Dimension |
|---|---|---|
| LNC-0001 | Neo Cocoon, Size - S | 33 x 33.5 cm |
| LNC-0002 | Neo Cocoon, Size - M | 34 x 43.0 cm |

*MOQ 10 PCS.

MRI
MRI SAFE



PREMUFF

# Neonatal Noise Reduction Ear Muff

## Product Overview

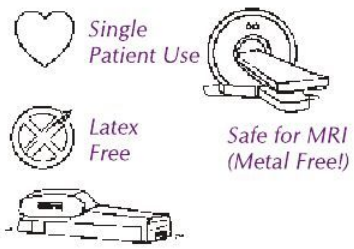
*Clinically meaningful noise reduction for newborns. Premuff neonatal earmuffs are designed to attenuate ambient noise in NICU environments, supporting calmer care and improved neonatal comfort. By reducing excessive sound exposure, Premuff helps promote longer sleep cycles, improved physiological stability, and reduced stress in preterm and term infants.*

## Why PreMuff

- *Reduces harmful ambient noise in NICU environments*
- *Promotes longer sleep and improved physiological stability*
- *Helps lower stress and agitation in newborns*
- *Protects delicate hearing during noisy procedures*
- *Suitable for use during neonatal MRI procedures*
- *Helps reduce noise exposure, supporting infant*
- *Comfort during imaging*

## Product Features






## Ideal For



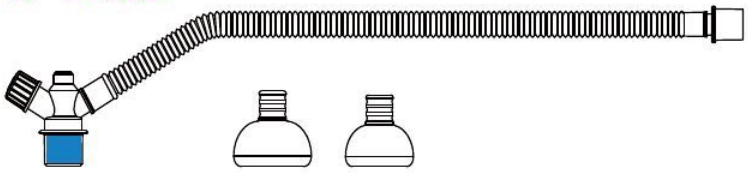

| Code | Description |
|---|---|
| LP-001 | Premuff |

*MOQ 10 PCS.

# Accessories

## T-Piece Resuscitation Kit

### CT-11501

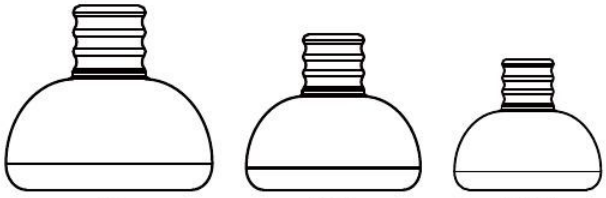




- *2-in-1 valve for blow-off and PEEP flow control for easy use.*
- *Duckbill port is also incorporated.*
- *Mask size 000, 00 packed along*
- *Manometer for pressure monitoring is also provided.*

## Silicon Mask for T-Piece

| Code | Description |
|---|---|
| SM-86503 | Silicone Mask, Size #0 |
| SM-86573 | Silicone Mask, Size #00 |
| SM-86583 | Silicone Mask, Size #000 |






## Test Lung

| Specification | |
|---|---|
| Compliance | < 1 ml/mbar @Vt = 20 ml |
| Resistance | < 40 mbar/L/S |
| Tidal Volume | 20 ml |

## Disposable Autofill Humidification Chamber

- *Auto-feeding chamber provides optimal humidification output to save refiling work.*

| Specification | |
|---|---|
| Maximum Water Capacity | 130 ml. |
| Maximum Peak Flow | 180 L/min. |
| Material | PP, PVC, Silicon, AL |

| Code | Description |
|---|---|
| HC-73138 | Disposable Humidification Chamber |



# Photo Diaper

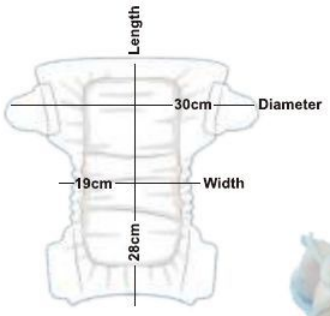


## Applications :

- *Phototherapy diapers, also called covers or shields, protect neonates' genitals during phototherapy treatment.*
- *Phototherapy is a treatment for newborn jaundice, using special lights to break down excess bilirubin.*
- *Phototherapy diapers shield the genital area from harmful UV rays while allowing therapeutic light exposure elsewhere.*
- *They ensure effective treatment while minimizing potential risks to sensitive areas.*

## Benefits:

- *Enhanced Treatment Efficiency*
- *Comfort and Convenience*
- *Hygiene Maintenance*
- *Adjustable and Secure Fit*
- *Dispose Safely*






| Code | Description |
|---|---|
| *PD-887* | **Photo Diaper** , *Size (Small) Premie* |
| *PD-888* | **Photo Diaper** , *Size (Medium) Infant* |
| *PD-889* | **Photo Diaper** , *Size (Large) Neonate* |

*MOQ 5 PCS. PER SIZE

PEDIATRICIAN'S Choice

LIFE OPTO
*Caring for life*

# Lifesplint Premium Neonatal Orthopaedic Splint

**FLEXIBLE & WATERPROOF**



## Features :

- *Malleable soft waterproof foam cover.*
- *3 different sizes available.*
- *Simple application and removal.*
- *Maximising comfort to limbs.*
- *Aluminium core ensures the profile is maintained.*

*Light Weight*

*Waterproof*

*Flexible*

*Available Sizes*

| Code | Size |
|---|---|
| LS-601 | Lifesplint (Small) |
| LS-602 | Lifesplint (Medium) |
| LS-603 | Lifesplint (Large) |

*MOQ 5 PCS. PER SIZE



# Lifesil Silicone Tape

*Lifesil Multipurpose Silicone Adhesive Tape, is a new generation polyurethane based silicone adhesive tape that is highly permeable and conforming to the skin.*



*All types of fixation e.g. IV, Cannula, tubes, electrodes etc. Use as skin protection to prevent sores.*

## Application :

*Thanks to its gentle and non-stripping properties, Lifesil is the preferred choice for:* ***Sensitive skin*** *such as Neonates and Geriatric patients. It is Suitable on damaged skin such as Dialysis, Chemotherapy and Radiography patients.*

***Soft & Pliable***
*Gentle on delicate neonatal skin.*

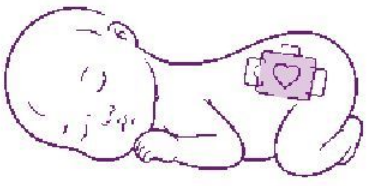
***Waterproof***
*Stays secure even when immersed in water*

***High Adhesive Power***
*Excellent adhesion- corners don't peel off once applied.*

***PU Backing***
*Higher conforming property for better performance.*

***Reapplicable***
*Can be reapplied without losing adhesiveness.*

***No Hair Removal***
***No Residue***
*Painless removal leaves no residue.*



Safe. Secure. Gentle.
Because Every Neonate Deserves the Best.

| Code | Size |
|---|---|
| LS-0019 | 19 mm x 150 mm |
| LS-0025 | 25mm x 150 mm |

MOQ 12 PCS. PER BOX

Skin Friendly | Secure Fixation | Gentle Removal | Doctor Trusted | Neonate Approved

LIFE OPTO
*Caring for life*

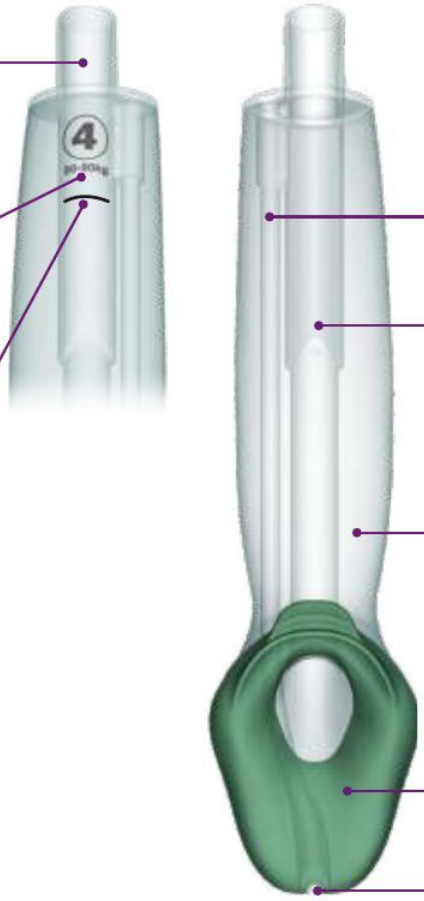
# Revolutionary Supraglottic Airway Device



**Universal Circuit Compatibility**
(15 mm Connector)

**At-a-Glance Size & Weight Identification**
(Clear Marking on the Device)

**Optimal Insertion Depth Indicator (Adult Sizes)**
(Position Guide Provide Visual Confirmation)




**Build-In Gastric Access & Regurgitation Alert**
(Dedicated Gastric Channel Allows Passage of a Gastric Tube for Stomach Decompression)

**Integrated Bite Block-Airway Always Open**

**Anti-Rotation Buccal Stabiliser**
(Buccal Cavity Stabiliser Keeps the Airway Aligned)

**The non-inflating cuff**
Soft gel-like cuff conforms naturally to perilaryngeal anatomy without inflation

**Distal End of Gastric Channel**

EasyLMA
BY LIFE OPTO

USFDA APPROVED

| Code | Colour | Size | Weight | Description |
|---|---|---|---|---|
| SG-20001 | | 1 | 2-5 kg | SureGlide Neonate |
| SG-20002 | | 1.5 | 5-12 kg | SureGlide Infant |
| SG-20003 | | 2 | 10-25 kg | SureGlide Small Paediatric |
| SG-20004 | | 2.5 | 25-35 kg | SureGlide Large Paediatric |
| SG-20005 | | 3 | 30-60 kg | SureGlide Small Adult |
| SG-20006 | | 4 | 50-90 kg | SureGlide Medium Adult |
| SG-20007 | | 5 | 90+ kg | SureGlide Large Adult |

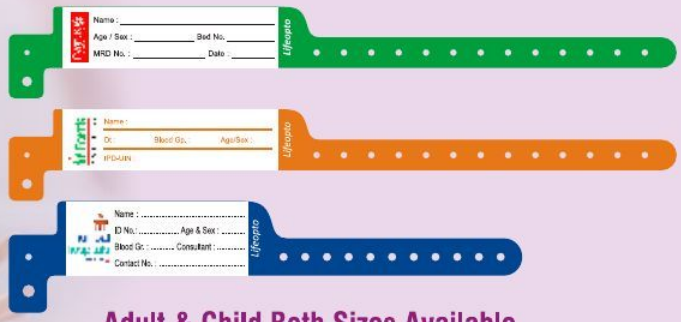
*MOQ 12PCS. PER SIZE

LIFE OPTO
*Caring for life*

# PATIENT MANAGEMENT SOLUTIONS



## Hospital Identification Tags




**Adult & Child Both Sizes Available**

## Applications

- *In-Patients & Out- Patient*
- *Day-Care Patients*
- *Medical Emergency*
- *Access Control & Medical Camps*

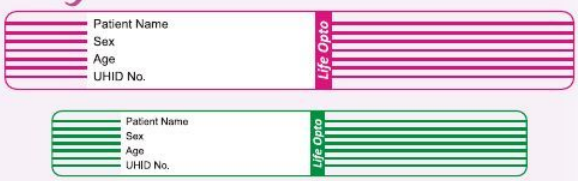
## Features

- *100 Pieces/Box*
- *All Colours available (can be customised as Hospital's Logo Colours)*
- *Customizable Colours, and Filed as per your requirements*
- *Tamper Proof & Water Resistant*

## PAIRS AVAILABLE FOR *Mother & Baby*

## TYVEK DAYCARE SECURE TAGS

**Adult & Child Both Sizes Available**





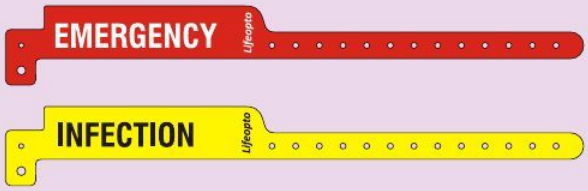

## Features

- *100 Pieces/Box*
- *All Colours available*
- *Customizable Colours*
- *Tamper Proof*
- *For Daily in/out patients*

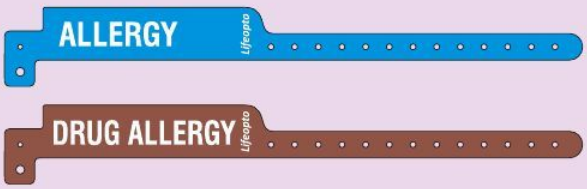
## Applications

- *In-Patients & Out- Patient*
- *Day-Care Patients*
- *Medical Emergency*
- *Access Control & Medical Camps*

## Precaution Id Tags




## Customized Bands For Events / Fun Parks






LIFE
OPTO

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