

# OUR MISSION



To make a mark in our chosen area, by being ever abreast of new possibilities and tapping the market opportunities.

To anticipate the needs of our customers and end users translating their requirements into meaningful products.

To create, innovate and produce excellence through a philosophy of uncompromising dedication at every level of function.

To make the best use of resources and technology in our pursuit for continuous improvement in our product portfolio.

To nurture a lasting relationship with our distributors - our partners in growth, through empathic understanding and mutual respect.





# ABOUT US

One of free India’s earliest, most critical revolutions took place in 1952 in the field of healthcare.

At a time when most patients were vulnerable and many succumbed to infections caused by re-usable medical devices, Romsons stepped forward with a pioneering breakthrough – the concept of disposable medical and surgical devices.

Today, over half a century later, the culture of disposable medical devices is well established and Romsons has entrenched itself as the prominent brand in the business –a pioneer and a leader.  
An INR 5.0 billion, professionally-managed enterprise.  
A global player with presence in 60 countries. A retail footprint across geographies – with 1000 plus distributors in India and abroad. Most significantly, the name Romsons continues to inspire trust for unsurpassed quality, innovation and safety of its products.

**ROMSONS GROUP OF COMPANIES :**

- Romsons Scientific and Surgical Industries Pvt Ltd.
- Romsons International-100% Export Oriented Unit
- Romsons Juniors India
- Romsons Medicons
- Raj Vijay Corporation (Unit I & II)
- RGI Meditech Pvt. Ltd.

**A PRODUCT FOR EVERY NEED? WELL ALMOST..**

We have the largest product portfolio in the industry (100 products in over 400 sizes), which caters to almost the

entire spectrum of a patient’s need. Each product has been designed and manufactured to deliver maximum performance and safety. We have earned recognition in the form of award from The Chamber of Commerce in India for outstanding export performance and the special recognition instituted by Ministry of MSME, Government of India, our pioneering work has been universally appreciated.

**WINNING THE TRUST OF THE BEST :**

Our experience (over 60 years) in understanding patients' needs and doctors' requirements has earned us the loyalty of the most demanding customers in the world.  
Our ability to serve the emerging needs of our customers with speed and agility makes us the preferred choice in the competitive market place. Little surprise then, that Romsons products are being exported to developed and emerging markets in over 60 countries.

We also regularly participate in all the major international medical trade fairs like Medica (Germany), Hospitalar (Brazil), Arab Health (UAE), FIME (USA) amongst others.

**RESEARCH AND DEVELOPMENT :**

A relentless quest : Our mission is to create products that promote healing, well-being and safety of patients. So, we are continuously improving existing products and researching new solutions in the light of changing customer needs and market dynamics.  
Our research and production teams work in tandem to realize the above objective.

**GOOD MANUFACTURING PRACTICES :**

Our manufacturing plant conforms to GMP, a WHO proprietary benchmark. The discipline of this standard is evident in the physical ambience of our plant, the air and water quality, manufacturing technology, packaging and the sterilization process.  
Ambience : Special micro and HEPA filters in all air handling units ensure minimal contamination in the manufacturing areas. Micro-organism and particle concentration levels are carefully monitored by the micro-biological labs to keep these levels within safe limits. Employees undergo periodic medical checkup to maintain high standards of health and hygiene.  
All clean rooms are provided with a three step changing room and air showers at the room entrance to ensure a complete dust-free environment.

**MANUFACTURING PLANT :**

We have taken great care to source up-to-the-minute, frontline technology. As a result we are able to process moulding and extrusion with precision and within close tolerance.

**PACKAGING AND STERILIZATION :**

Our products are packed on most modern packaging machines suitable for working in clean room conditions, to ensure minimal risk of contamination or damage during transportation. The superior assembly and packaging machines help in maintaining the consistency in product quality at multiple levels.

We use Ethylene Oxide to sterilize the products, as per ISO 11135 standard.  
The entire process is automated and computerized. Each batch is well documented for the sterilization cycle and released for dispatch after written approval of a senior Quality Assurance official.

**TOWARDS ZERO DEFECT QUALITY :**

Our goal is to manufacture zero-defect products. We have meticulously planned and built a series of multiple online and manual quality control measures into each stage of raw material procurement, manufacturing and packing cycle. Our Quality Control standards conform to ISO 9001:2008, ISO 13485:2003 and the European Medical Device Directive 93/ 42/ EEC certifications.  
Our establishment is also registered with USFDA. As a result, we have been authorized to label our products with the prestigious CE mark.

**EMPOWERING PEOPLE TO EXCEL :**

We provide a professionally nurturant work environment that empowers employees to be self motivated, think out of the box, value excellence and bond with each other to perform as a team.  
All across our corporation, our teams function with flexibility, speed and decisiveness in the most challenging environment. We give tremendous freedom and opportunities to all our employees for superior work quality in competitive and ever changing and evolving business environment.



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# transfusion

Introducing fluids or medications into the blood circulation is Infusion while transferring blood or its components to alter the blood volume is Transfusion. Products for infusion and transfusion include infusion sets, intravenous cannulas and measured volume burette sets used for therapy or to facilitate administration of medication, nutritional products and other fluids.

## INTRA CATH-2/ TRIFLON INTRA VENOUS CANNULA



### Intra Cath®-2 GS-3022

- I.V Cannula with wing, injection port and luer lock.
- Manufactured from fully automated CAD/ CAM process.
- Super sharp Japanese triple facetted beveled needle is designed with two cutting edges for smooth penetration.
- Kink resistant FEP-Teflon cannula has extremely smooth inner and outer surface to ensure smooth flow.
- Double tapered molded cannula tip.
- Transparent flashback chamber for blood detection.
- Sterile, individually packed in peel open blister pack.

#### SPECIFICATIONS

| Size | Colour | Length |
|------|--------|--------|
| 14 G | Orange | 45 mm  |
| 16 G | Grey   | 45 mm  |
| 18 G | Green  | 45 mm  |
| 20 G | Pink   | 32 mm  |
| 22 G | Blue   | 25 mm  |
| 24 G | Yellow | 19 mm  |

### Triflon® GS-3006

- I.V cannula with integrated 3-way stop cock facilitates simultaneous infusion of fluids or additional medication.
- 3-way stop cock handle ensures smooth movement and facilitates easy line selection.
- Facilitates multiple lines through single IV access.
- Rigid and sturdy design with flexible wings for convenient maneuvering.
- Three radio-opaque stripes on cannula for X-Ray visualisation.
- Color coded tap to identify the desired direction of flow.
- Sterile, individually packed in peel open blister pack with Tyvek Lid.

#### SPECIFICATIONS

| Size | Colour | Length |
|------|--------|--------|
| 18 G | Green  | 45 mm  |
| 20 G | Pink   | 32 mm  |
| 22 G | Blue   | 25 mm  |

## VENEPORT/ INTRAFILON INTRA VENOUS CANNULA



### Veneport® GS-3210

- Premium I.V. Cannula provided with injection port.
- State of the art mechanized manufacturing process of cannula tip ensures easy insertion.
- Robust, evenly oriented, sharp, triple facetted beveled needle ensures least trauma and reliable insertion.
- Ergonomically designed injection port eases use during provision of intermittent additional medication.
- Bio-compatible cannula material enhances dwelling time and ensures low rate of phlebitis.
- Ergonomically designed luer lock cap facilitates instant secure closure immediately after penetration.
- Sterile, individually packed in blister pack.

#### SPECIFICATIONS

| Size | Colour | Length |
|------|--------|--------|
| 18 G | Green  | 45 mm  |
| 20 G | Pink   | 32 mm  |
| 22 G | Blue   | 25 mm  |

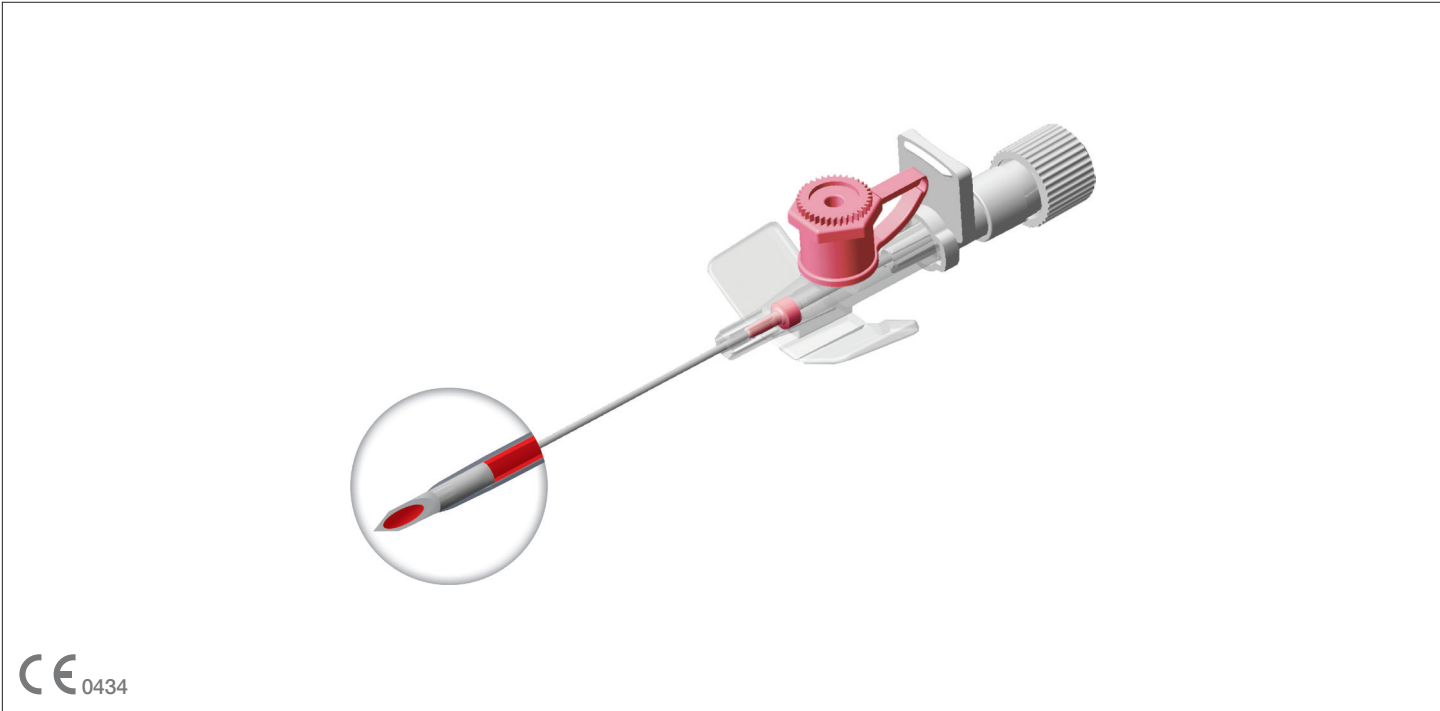
### Intraflon® GS-3028

- I.V Cannula with wing, luer lock and injection port for continuous peripheral intra venous infusion.
- Manufactured from fully automated CAD/ CAM process.
- Kink resistant FEP-Teflon cannula.
- 3 radio-opaque stripes cannula for X-Ray visualization.
- Double tapered molded cannula tip.
- Super sharp triple facetted beveled needle.
- Transparent flashback chamber allows immediate detection of blood.
- Sterile, individually packed in blister pack with tyvek lid.

#### SPECIFICATIONS

| Size | Colour | Length |
|------|--------|--------|
| 16 G | Grey   | 45 mm  |
| 18 G | Green  | 45 mm  |
| 20 G | Pink   | 32 mm  |
| 22 G | Blue   | 25 mm  |
| 24 G | Yellow | 19 mm  |

VEIN CATH INSTANT FLASHBACK INDICATOR CANNULA



Vein Cath™ GS-3024

- Premium I.V. cannula with new improved features.
- Manufactured from fully automated CAD/ CAM process.
- “Instant flash back indicator” ensures quick and secure cannula placement.
- Quick flashback feature ensures successful venipuncture.
- Blood confirmation along the catheter body facilitates access to vein.
- Specially designed transparent needle holder for clear and precise vision.
- Radio-opaque stripes run throughout the length for X-ray visualization.
- I.V. cannula has color coded injection port which helps in size identification.
- Sterile, individually packed in blister pack.
- Ready for use.

| SPECIFICATIONS |        |
|----------------|--------|
| Size           | Length |
| 18 G           | 45 mm  |
| 20 G           | 32 mm  |
| 22 G           | 25 mm  |

SPECIAL FEATURES

- ★ Instant flashback indicator
- ★ First prick success
- ★ Easy cannulation
- ★ Improved patient compliance

VENESAFE SAFETY INTRA VENOUS CANNULA



Venesafe™ GS-3207

- Specially designed innovative safety cannula.
- The cannula protects the healthcare provider from the risks associated with accidental needle stick injuries.
- It allows caregivers safe and easy I.V. access.
- Special double tapered and Kink resistant FEP-Teflon catheter.
- Unique mechanism on the tip which immediately covers the sharp tip of the needle upon withdrawal.
- Self-activating safety mechanism prevents the incidences of needle stick injuries and blood splash.
- Robust needle tip protection.
- Triple faceted needle tip for improved patient comfort and reduced incidences of complications like phlebitis.
- Luer lock end allows universal attachment to all standard devices.
- Sterile, Individually packed.

| SPECIFICATIONS |        |
|----------------|--------|
| Size           | Length |
| 18 G           | 45 mm  |
| 20 G           | 32 mm  |
| 22 G           | 25 mm  |
| 24 G           | 19 mm  |

SPECIAL FEATURES

- ★ Safety mechanism
- ★ Smooth edged safety needle
- ★ Prevents needle-stick injuries and blood splash



## NEO CATH/ MICRON PAEDIATRIC INTRA VENOUS CANNULA



### Neo Cath® GS-3030

- Specially designed paediatric I.V cannula range, for peripheral intravenous infusion.
- Infant I.V cannula.
- Small flexible wings and absence of injection port permits easy handling and secure fixation.
- Provided with small projection on main body for ease of handling during insertion.
- Transparent flashback chamber for blood visualization.
- Sterile, peel open Blister Pack, with Tyvek Lid.

### Micron® GS-3031

- Specially designed paediatric I.V cannula, for peripheral intravenous infusion.
- Neo-natal I.V cannula designed for neonates.
- Specially designed clips for better maneuvering.
- Special, fine and smooth design for use in neonates to deal with the specific problems associated with small and soft vein cannulation.
- Main body is specially designed with projection for low point gap to facilitate better insertion.
- Small flexible wings and absence of injection port permits easy handling and secure fixation.
- Transparent flashback chamber for blood visualization.
- Sterile, peel open Blister Pack, with Tyvek Lid.

#### SPECIFICATIONS

| Sizes | Colour      | Length |
|-------|-------------|--------|
| 24 G  | Yellow      | 19 mm  |
| 25 G  | Pale Yellow | 19 mm  |

#### SPECIFICATIONS

| Sizes | Colour | Length |
|-------|--------|--------|
| 26 G  | Violet | 19 mm  |

## R.M.S INFUSION SET/ TRANSFLOW INFUSION SET



### R.M.S® Infusion Set SS-3062

- Basic Infusion set with time-tested features.
- Manufactured from non-toxic and transparent P.V.C.
- Sharp piercing spike for easy insertion in I.V. container.
- Moulded drip chamber ensures fall of drops in the centre.
- Specially designed cylindrical collapsible drip chamber to visualize the flow rate.
- Disc type fluid filter at the bottom of chamber filters any particulate matter in the I.V. fluid.
- 150 cm long super smooth kink resistant tubing with efficient roller controller for accurate, unrestricted flow.
- Superior quality latex bulb for additional medication.
- Sterile, individually packed.

### R.M.S® Vented Infusion Set SS-3060

- Infusion set with built in air vent and microbial barrier hydrophobic filter.
- All other features are as above.

### Transflow® SS-3063

- Specially designed vented infusion set.
- Made from clear, transparent medical grade P.V.C and has a flexible drip chamber.
- Comes with a sharp spike for better penetration of glass/ plastic bottles.
- Disc type fluid filter at the bottom of chamber filters any particulate matter in the I.V fluid.
- Provided with super smooth kink resistant tube for unobstructed flow.
- Provided with latex free “Y” type injection port made up of silicone for additional medication.
- Efficient roller controller ensures better flow control.
- Luer lock for secure connection to all standard devices.
- Sterile, individually packed.

#### SPECIFICATIONS

| Tube Length | Drop Rate   |
|-------------|-------------|
| 150 cm      | 20 drops/ml |

STERIFLO PREMIUM INFUSION SET



Steriflo™ SS-3077

- Premium infusion set with new features and enhanced quality.
- Manufactured from DEHP free material safe to be used in all kinds of patients without any associated complications.
- Sharp spike is provided for better penetration in all types of fluid containers
- Vented set with 1.2µ air vent filter to ensure entry of contamination free air.
- DEHP free drip chamber material ensures higher safety standards.
- Provided with disc type fluid filter to prevent entry of any particulate matter.
- Equipped with specially designed “Y” injection port made up of silicone, having re-sealing property for additional medication.
- Smooth kink resistant tube with efficient roller controller for unrestricted flow.
- New advanced rotating luer lock at distal end with cap for secure connection to the cannula.
- Sterile and individually blister packed.

| SPECIFICATIONS |             |
|----------------|-------------|
| Tube Length    | Drop Rate   |
| 150 cm         | 20 drops/ml |

SPECIAL FEATURES

- ★ DEHP free
- ★ Free from hazards of phthalates
- ★ Latex free "Y" port
- ★ Rotating luer lock

INTRAFLOW AS SAFETY INFUSION SET



Intraflow® AS SS-3061 AS

- Safety infusion set, DEHP free.
- Vented spike fits tightly, ensuring easy insertion and removal.
- Comes with unique air stop feature which is a hydrophilic filter membrane present at the bottom of the drip chamber which prevents the ingress of air in case of emptied fluid container.
- Provided with an innovative prime stop, which is a hydrophobic membrane placed on the luer lock fitting that stops fluid leaking and dripping on the floor.
- Longer drip chamber fits firmly in the user's hands, ensuring a better grip.
- Specially designed “Y” type injection port made up of silicone having re-sealing property is provided for additional medication.
- Soft, see-through, clear 180 cm long DEHP free PVC tubing, which is kink resistant for uninterrupted and smooth flow.
- Advance, handy roller clamp for efficient control.
- Sterile and individually blister packed.

| SPECIFICATIONS |             |
|----------------|-------------|
| Tube Length    | Drop Rate   |
| 180 cm         | 20 drops/ml |

SPECIAL FEATURES

- ★ DEHP free safety set
- ★ Air stop limits air embolism
- ★ Prime stop automates priming
- ★ Rotating luer lock

MICROPERF MICRO DRIP INFUSION SET



Microperf® SS-3064

- Micro drip infusion set with drop size reduced to 60 drops per ml for paediatric and critical therapy.
- Manufactured from non-toxic, clear and transparent P.V.C. material.
- Sharp piercing spike for easy insertion in fluid container along with built-in preventive bacterial air vent.
- Infusion set has a cylindrical collapsible drip chamber for proper visualization of the drop rate.
- Provided with disc type fluid filter to filter any particulate matter in the I.V fluid.
- Long super smooth kink resistant tubing with efficient roller controller for accurate and unrestricted flow.
- “Y” type injection port made up of silicone provided for extra medication.
- Luer lock connector for secure fitment to all standard devices.
- Sterile and individually ribbon packed.

| SPECIFICATIONS |             |
|----------------|-------------|
| Tube Length    | Drop Rate   |
| 150 cm         | 60 drops/ml |

MICROGUARD ONCOLOGY INFUSION SET



Microguard® SS-3067

- Especially designed vented infusion set for oncology (chemotherapy), critical care, neonates and pediatrics.
- Made from DEHP free material for prevention from phthalate related hazards.
- Integrated 0.2µ filter ensures filtration of microbes and acts as a safeguard for prevention of air embolism hazard as it can remove any entrapped air.
- Needle-free “Y” type injection port made up of silicone prevents needle stick injury and accidental tube puncturing, thus maintaining a closed system.
- Provided with luer lock connector for stable and secure connection to all standard devices.
- Compatible with mostly used infusion pumps.
- Sterile and individually blister packed in box.

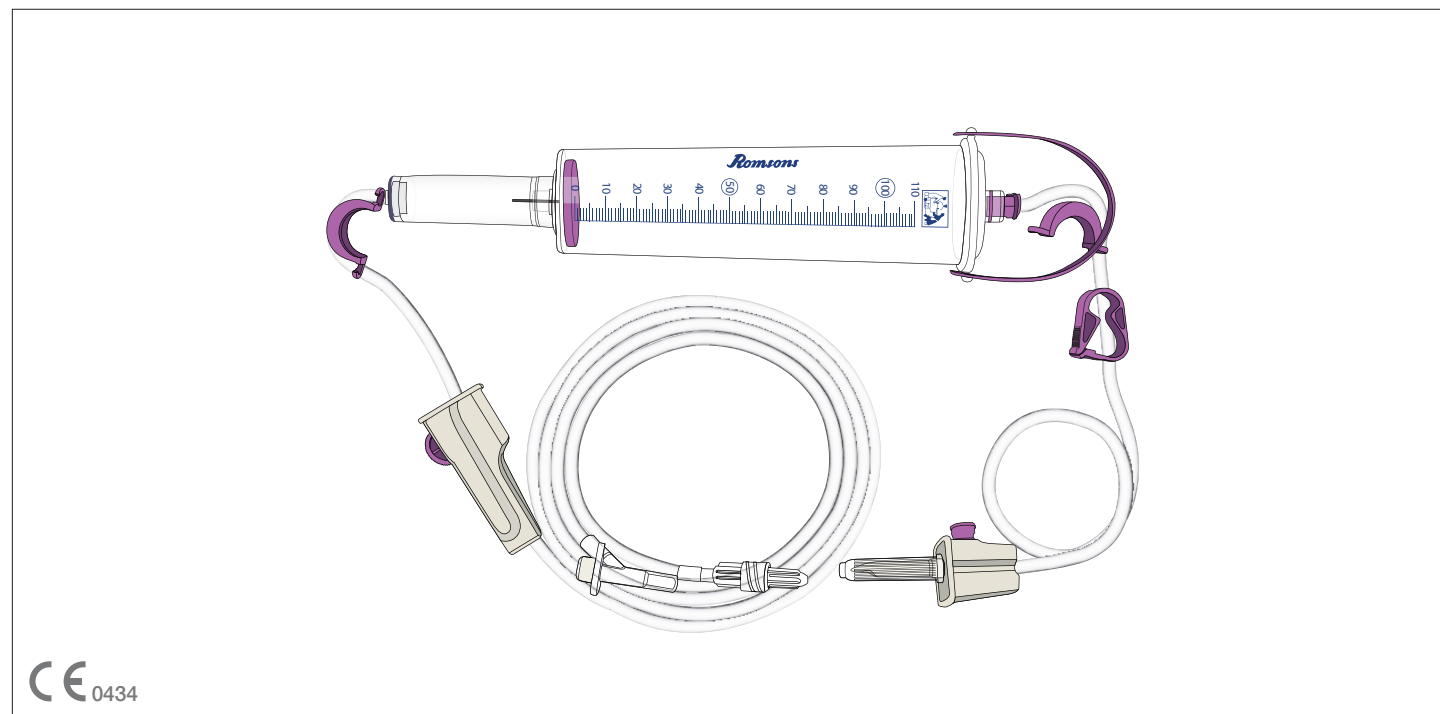
| SPECIFICATIONS |             |
|----------------|-------------|
| Tube Length    | Drop Rate   |
| 150 cm         | 60 drops/ml |

SPECIAL FEATURES

- ★ Specialized chemotherapy set
- ★ DEHP free material
- ★ Integrated 0.2µ filter
- ★ Needle-free "Y" port



## PEDIA DRIP MEASURED VOLUME SET



### Pedia Drip® SS-3058

- Specialized measured volume set made up of **DEHP free** material.
- Equipped with a micro drip with reduced drop size of 60 drops per ml.
- Provided with a burette type chamber of **100 ml capacity with 10 ml overflow limit**.
- Burette chamber is made of bio-compatible medical grade transparent styrene polymer, suitable for infusing all types of fluids.
- **Patent design hanger** facilitates hanging on the I.V. stand.
- Unique floating **auto shut off valve** acts as a floating indicator and automatically shuts off the drain path to prevent the passage of air in the line.
- No-kink device prevents kinking of tube during transportation and transfers.
- Separate plugs for extra medication and change over.
- Sterile, individually packed.

### Pedia Drip® Plus SS-3057

- **100% latex free** set provided with “Y” type injection port made up of silicone for additional medication and luer slip connector.
- All other features as above.

| SPECIFICATIONS |             |
|----------------|-------------|
| Capacity       | Drop Rate   |
| 110 ml         | 60 drops/ml |

## BURETTA MEASURED VOLUME SET



### Burette® SS-3068

- Specially designed **DEHP free** measured volume set with large calibrated burette chamber.
- Equipped with a micro drip with reduced drop size of 60 drops per ml.
- Provided with a long burette type chamber of **150 ml capacity**.
- Manufactured from USP CLASS VI approved **PETG** material suitable for infusing all types of fluids.
- Sharp piercing spike provided with built in air inlet with bacterial barrier filter.
- Easy to read scale with white contrast background.
- Unique floating **auto shut off valve** acts as a floating indicator and automatically shuts off the drain path when the chamber gets empty to prevent any air entering the patient's venous system.
- **100% latex free** set provided with “Y” type injection port made up of silicone for administration of additional medication.
- No-kink device prevents kinking of tube during transport.
- Separate plugs for extra medication and change over.
- Roller type flow controller provides accurate flow control.
- Sterile and individually blister packed.

| SPECIFICATIONS |             |
|----------------|-------------|
| Capacity       | Drop Rate   |
| 150 ml         | 60 drops/ml |

## R.M.S BLOOD ADMINISTRATION SET BLOOD TRANSFUSION SET



### R.M.S® Blood Administration Set SS-3052

- Conforms to ISO 1135-4 standard.
- Sharp non-vented spike suitable for blood bags and all type of standard blood containers.
- Provided with a cylindrical drip chamber with 200μ filter to prevent the passage of any clot into the chamber.
- Flash ball type injection port for extra medication.
- Comes with smooth 150 cm long, kink resistant tube.
- Efficient roller controller for accurate adjustment of transfusion rate.
- Sterile, individually packed.

#### Ventra Fix™ SS-3051

- Specially designed DEHP Free vented blood transfusion set.
- Provided with latex free “Y” type injection port made up of silicone and luer-slip-connector.
- Sterile, individually packed.

#### SPECIFICATIONS

| Tube Length | Filter Size |
|-------------|-------------|
| 150 cm      | 200μ        |

## KWIC FUSOR PRESSURE INFUSION BAG



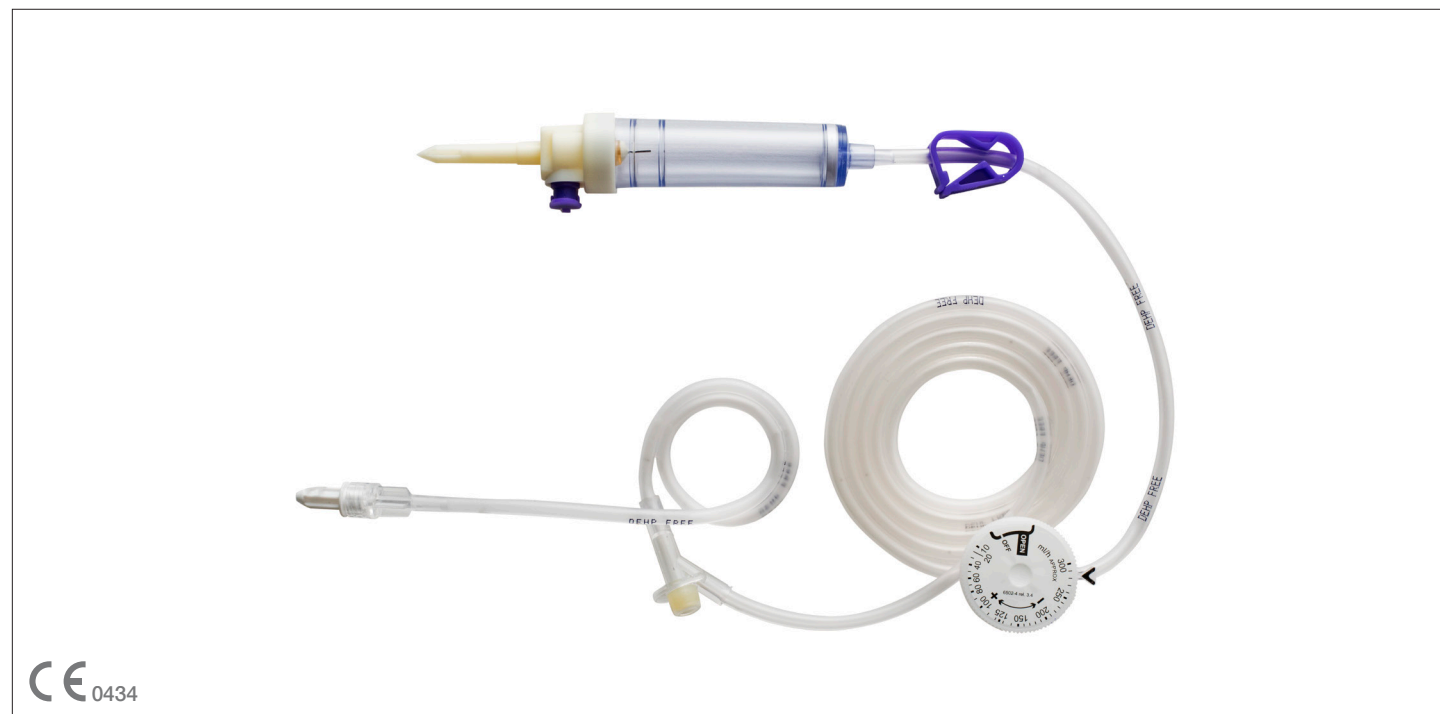
### Kwic Fusor® GS-6021

- Heavy duty pressure cuff specially designed for quick infusion/ fluid container setup and replacement.
- Robust pressure cuff facilitates fast fluid transfer suitable to patient's indication and paramedics' satisfaction.
- Clear material enhances visibility of the fluid transfer/flow.
- Suitable for pressure up to 400mm of Hg.
- Instant venting through the 3-way stop cock enables quick deflation of the pressure cuff.
- Clear, precise pressure gauge facilitates rapid and reliable pressure control.
- Easy to use, hook-and-loop fastener enables easy replacement of Infusion bag without removal of pressure cuff from drip stand.
- Squeeze bulb provided is supple and easy to operate for fast inflation.
- Sterile and individually packed.

#### SPECIFICATIONS

| Capacity | Pressure upto |
|----------|---------------|
| 1000 ml  | 400 mm of Hg  |
| 500 ml   | 400 mm of Hg  |

## ROMO FLOW PRECISION INFUSION SET



### Romo Flow® SS-3070

- DEHP Free I.V set with dial flow controller specially designed for controlling the flow rates of fluid.
- Eliminates the need of expensive electronic I.V. pumps.
- Provided with soft and kink resitant clear PVC tubing for uninterrupted flow.
- Gentle gravity drive is self-correcting.
- Wide dial operates as thumb wheel like roller clamp.
- Security door prevents the accidental change of flow rate.
- Low cost disposable set provides maximum safety, traditional grip, reliable flow control, and ergonomic shape.
- Provided with specialised “Y” type injection port made up of silicone for additional medication.
- Sterile, individually packed.

#### SPECIFICATIONS

| Tube Length | Drop Rate   |
|-------------|-------------|
| 150 cm      | 60 drops/ml |

#### SPECIAL FEATURES

- ★ DEHP free set for flow control
- ★ Easy to use dial
- ★ Stable flow rate
- ★ Vented set with micro dropper

## ROMOTROL PRECISION CONTROLLER WITH EXTENSION SET



### Romotrol® SS-3080

- Flow regulator with extension set for precise flow control.
- Ensures safe application in demanding critical care settings.
- Reliable flow rate accuracy across the full adjustable scale.
- Ergonomic dial design with ridges for easy grip and adjustment.
- Precise flow rate control of IV fluids with range of 5ml/hr to 250 ml/hr.
- Double scale for 10% and 40% solution strengths.
- DEHP Free soft and kink resistant PVC tubing.
- Male luer connector at one end and female luer connector at other end.
- Provided with a latex free “Y” type injection port made up of silicone for intermittent medication.
- Can be used with all standard I.V sets using luer lock connections.
- Sterile and individually blister packed.

#### SPECIFICATIONS

| O.D/ I.D     | Length |
|--------------|--------|
| 4.10/ 3.00mm | 600 mm |

#### SPECIAL FEATURES

- ★ Extension for flow control
- ★ Ergonomic dial design
- ★ Compatible with standard sets
- ★ Siliconised Y-port



## BI-VALVE THREE WAY STOP COCK



### Bi-Valve® GS-3040 L

- Specially designed lipid resistant 3-way stop cock with smooth tap rotation suitable during pressure infusion and invasive blood pressure monitoring.
- Made from clear, transparent polycarbonate which facilitates easy visualization of fluid flow.
- Rigid construction with circular flow channel prevents air entrapment.
- Smooth three arm handle is easy to operate and indicates fluid path.
- Minimum residual volume and uniform bore ensures maximum flow and minimum turbulence.
- Provided with two female luer lock ports and one male luer lock port.
- Male luer lock with rotating nut prevents accidental disconnection.
- Screw luer lock ensures safe and secure connection to other standard luers.
- Universal luer taper facilitates leak proof connection with corresponding standard devices.
- Sterile, individually packed in blister pack.

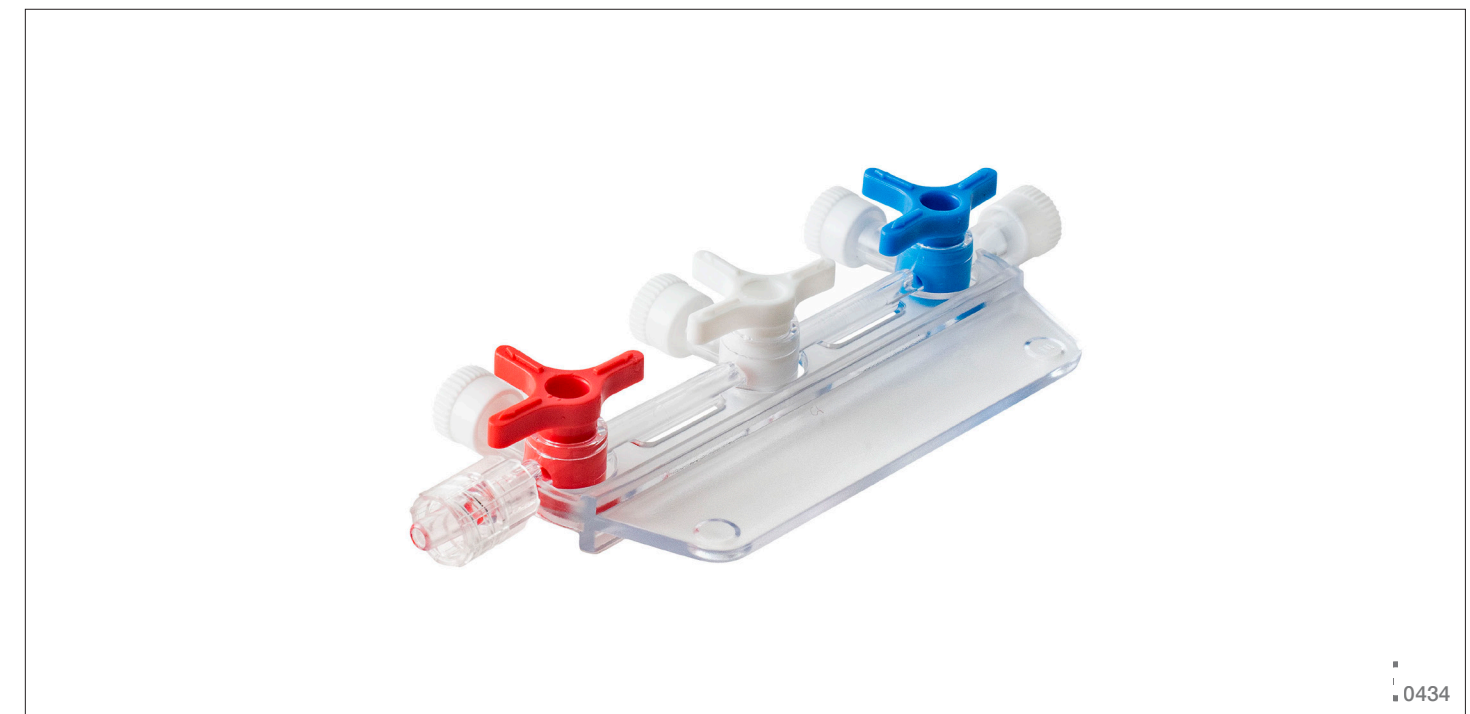
#### SPECIFICATIONS

| Residual Vol. | Pressure |
|---------------|----------|
| ≤ 0.20 ml     | 5 bar    |

#### SPECIAL FEATURES

- ★ Lipid compatible ★ Minimum prime volume
- ★ Arrows indicate flow direction ★ Leakage free fitment

## MULTIPOINT MULTI GANG MANIFOLD



### Multipoint® GS-3049

- Three gang large bore stopcock manifold provided with rotating male luer lock adapter.
- Crystal clear transparent channel.
- Comprises of one male luer lock port and four female luer lock ports with closure caps.
- Sustains line pressure up to 5kg/ cm<sup>2</sup>.
- Minimum priming volume required for accurate drug administration.
- Arrow indication on the handle to indicate the direction of flow.
- Connection meets universal taper requirement to ensure leakage free fitment.
- Sterile and individually packed.

#### SPECIFICATIONS

| Residual Vol. | Bore Diameter |
|---------------|---------------|
| 1.10 ml       | 1.80 mm       |

#### SPECIAL FEATURES

- ★ Straight-flow channel ★ Direction marked handle
- ★ Allows multi-use connectivity ★ Large bore



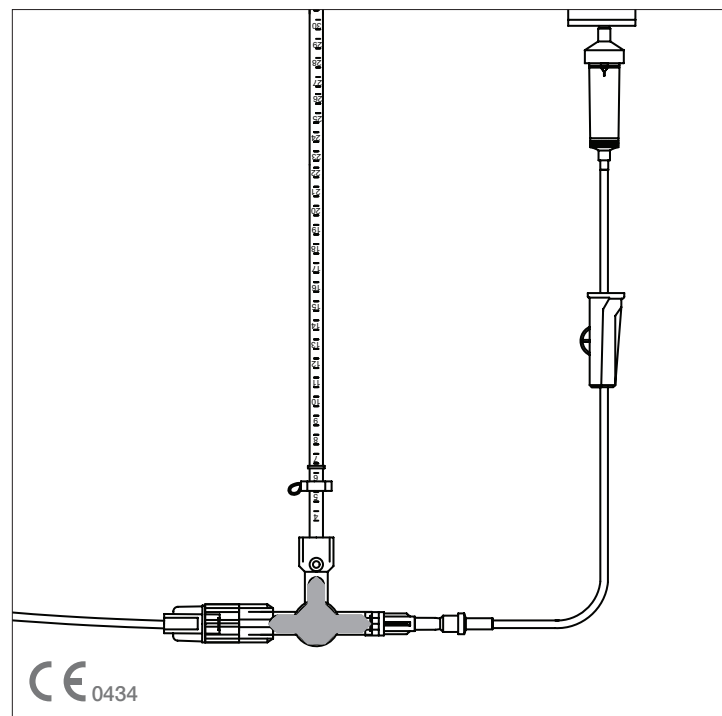


# critical care

Branch of medicine concerned with the diagnosis and management of life-threatening conditions requiring sophisticated organ support and invasive monitoring. Patients requiring intensive care may require support for instability, airway compromise, monitoring for crucial hours after major surgery when deemed too unstable to transfer to a less intensively monitored unit.

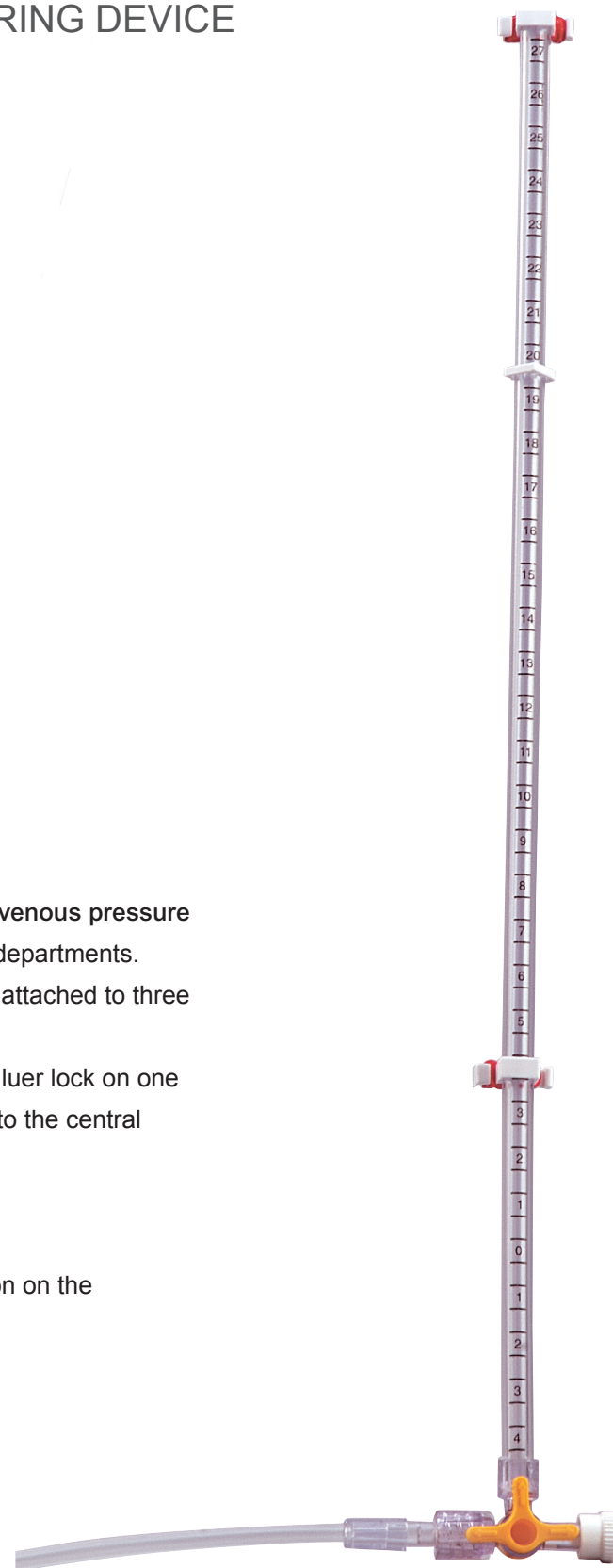


## C.V.P MANOMETER C.V.P MEASURING DEVICE



### C.V.P Manometer® GS-3008

- Suitable for continuous or intermittent monitoring of central venous pressure during infusion, particularly in ICU, CCU, OT's and casualty departments.
- Manometer tube with graduation from -4 cm to +34 cm and attached to three way tap.
- Provided with 120 cm long extension tube, fitted with female luer lock on one end and male luer lock on the other end for safe connection to the central venous catheter.
- Latex free injection site is provided for extra medication.
- Sliding indicator provided to record previous reading.
- Moulded clamps with latex free rubber strings for easy fixation on the intravenous stand.
- Sterile, individually packed in peelable pouch.
- Individually packed in a box.



## EXTEENA FAMILY NEEDLE FREE DEVICES



### Needle Free Devices

- DEHP Free needleless connectors offer a safe way to access I.V lines without the use of a needle.
- Prevents thrombotic occlusion and inhibits microbial colonization.
- Secure fitment to I.V cannula, I.V set, extension lines and CVC.
- Closed system controls infection.
- Swabbable port prevents infection and allows safe access.
- Clear PC body, Latex free.
- Low reverse pressure facilitates easy connection.
- Compatible with MRI.

### Safsite®

GS-3018

- Needle free I.V Connector with split septum technology.
- Luer lock for secure fitment on one end & needle free port on the other.
- Sterile blister pack.
- Low prime volume: 0.08 ml.

### Extena® Uno

GS-3048 U

- Needle free I.V connector line at one end and rotating luer lock at the other end.
- Single extension line.
- Sterile blister pack.
- Low prime volume: 0.30 ml.

### Extena® Duo

GS-3048 D

- Needle free I.V connector with dual extension for running two lines simultaneously with rotating luer slip lock and two clamps.
- Sterile blister pack.
- Low prime volume: 0.60 ml.

### Extena® Trio

GS-3048 T

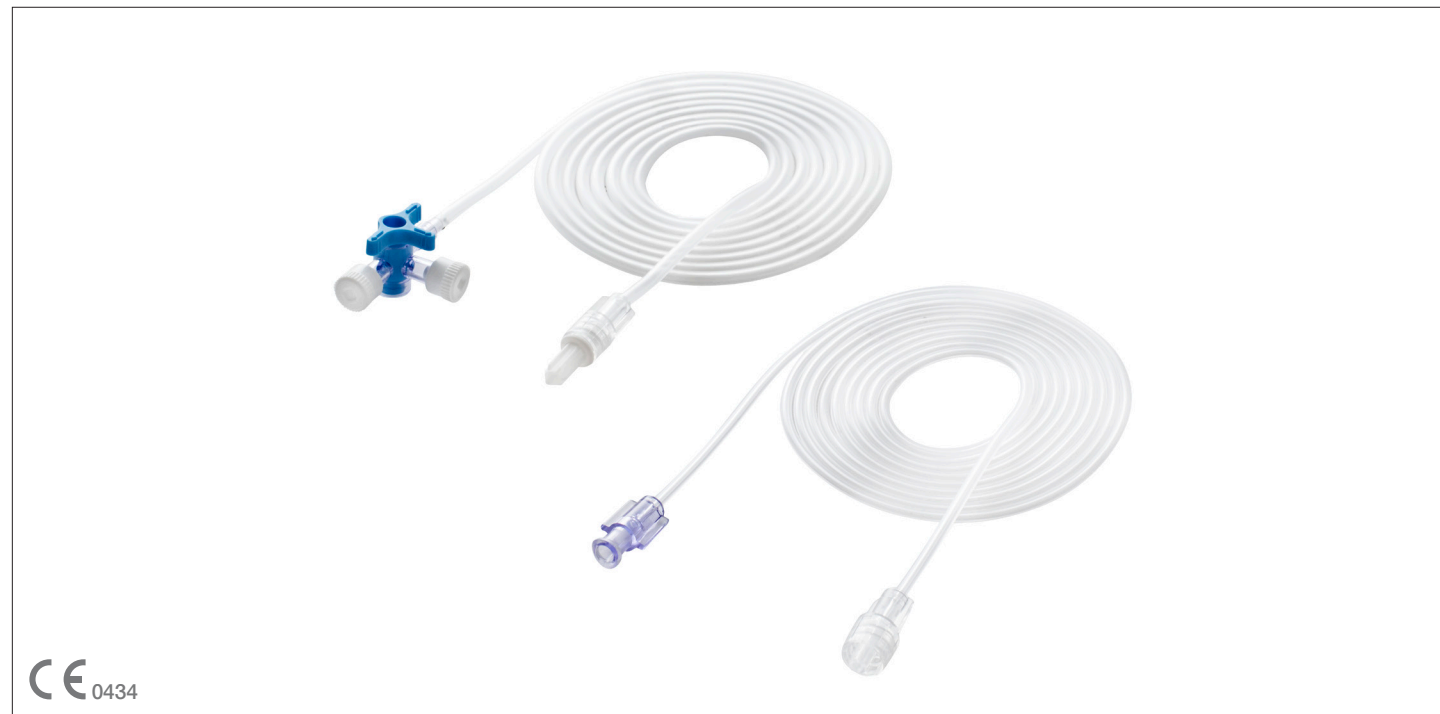
- Needle free connector with tri extension line provided with rotating luer lock and three clamps.
- Luer fitments as per ISO standards.
- Sterile blister pack.
- Low prime volume: 0.90 ml.

### SPECIFICATIONS

| O.D/ I.D      | Length |
|---------------|--------|
| 2.40/ 1.40 mm | 13 cm  |



## PM-O-LINE/ VEIN-O-LINE PRESSURE EXTENSION LINES



### PM-O-Line® GS-3036

- Small bore high pressure extension line.
- Made of clear, non-toxic medical grade PVC material.
- Suitable for high pressure monitoring and for connection between syringe infusion pump and patient.
- Multi-purpose extension line provided with male luer lock at one end and female luer lock at other end and fits all standard equipment.
- Luer lock connectors provide secure fitting.
- Can sustain a pressure upto 10 kg/ cm<sup>2</sup> or 140 psi.
- Sterile, individually packed in Blister pack.

### Vein-O-Line® GS-3034

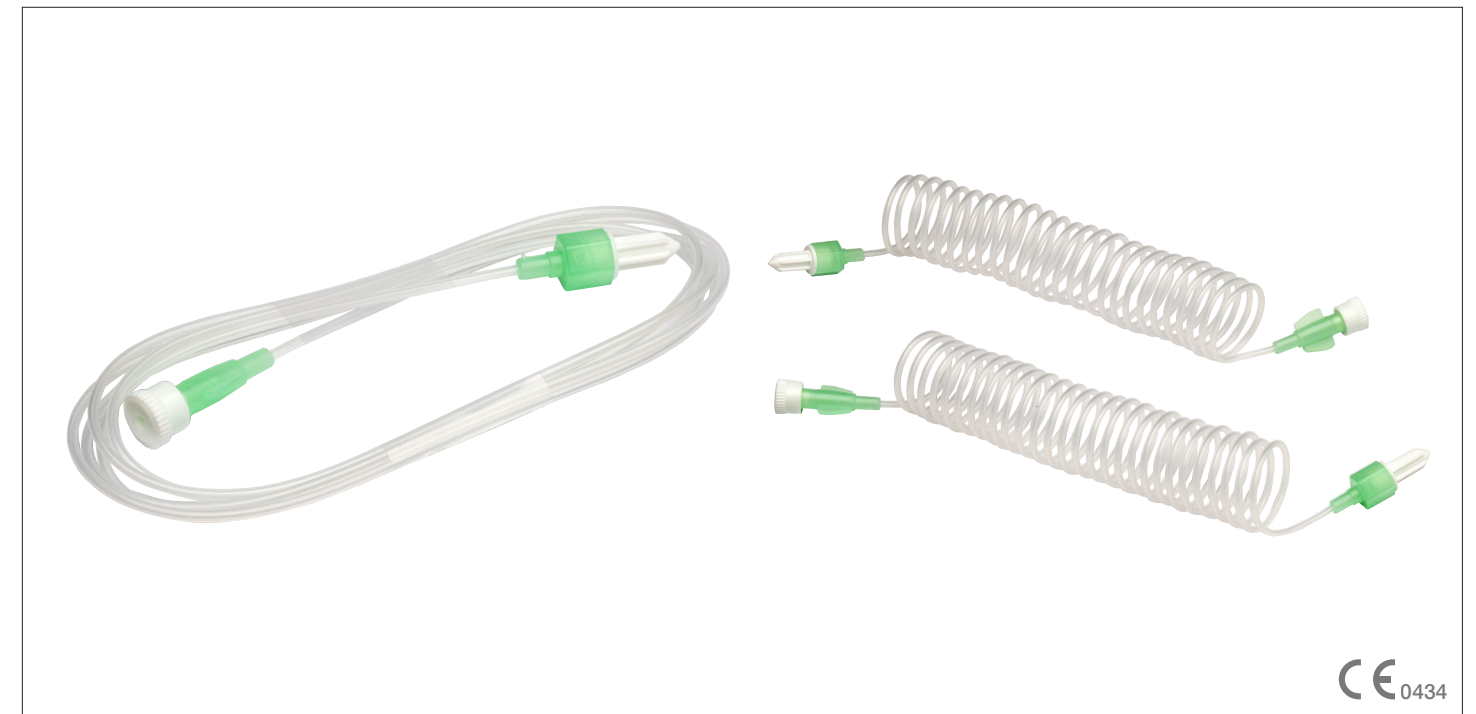
- Low pressure large bore extension line made up of PVC.
- Used primarily to connect the transducer system to the indwelling catheter.
- Male luer lock at one end and 3-way stop cock at other enabling the user to run two lines simultaneously.
- Three way stop cock may be used for blood sampling or extra medication.
- Can sustain a pressure upto 7 kg/ cm<sup>2</sup> or 100 psi.
- Sterile, individually packed in Blister pack.

#### SPECIFICATIONS

| Length | Prime Volume |
|--------|--------------|
| 10 cm  | 0.50 ml      |
| 25 cm  | 1.40 ml      |
| 50 cm  | 2.90 ml      |
| 100 cm | 5.90 ml      |
| 150 cm | 8.90 ml      |
| 200 cm | 11.90 ml     |

| SPECIFICATIONS |              |
|----------------|--------------|
| Length         | Prime Volume |
| 100 cm         | 0.90 ml      |
| 150 cm         | 1.40 ml      |
| 200 cm         | 1.80 ml      |

## HI LINE/ HI LINE SPIRAL HIGH PRESSURE MONITORING LINE



### Hi Line® GS-3037

- DEHP free Polyethylene high pressure monitoring extension line.
- Non-reactive and highly compatible to all the commonly infused fluids.
- Small bore high pressure extension line suitable for high pressure applications, for example as connection between syringe, infusion pump and the patient.
- Provided with male and female luer lock at either ends, which facilitates secure fitting to all standard equipment.
- Luer lock connectors provide secure fitting.
- Can sustain a pressure upto 40 kg/ cm<sup>2</sup> or 560 psi.
- Sterile, individually packed in Blister pack.

#### SPECIFICATIONS

| Length | Prime Volume |
|--------|--------------|
| 100 cm | 0.70 ml      |
| 150 cm | 1.05 ml      |
| 200 cm | 1.40 ml      |

### Hi Line® Spiral GS-3037 S

- DEHP free Polyethylene high pressure monitoring extension line.
- Non-reactive and highly compatible to all the commonly infused fluids.
- Specially designed spiral type extension line for greater patient comfort and freedom of movement.
- It expands and contracts gently with patient movement and protects the patient, cannula, infusion equipment from accidental damage.
- All other features are as that of Hi line.
- Sterile, individually packed in peel open soft blister pack.
- Available size : 200 cm.

#### SPECIAL FEATURES

- ★ High Pressure Line ★ Polyethylene, DEHP free
- ★ Non-reactive to all fluids ★ Low prime volume

RESQ BAG MANUAL RESUSCITATOR



Resq Bag® GS-2050

- Resq Bag kit consists of a **silicone manual resuscitator**, star lumen kink resistant oxygen tubing, reservoir bag, pressure limiting valve and silicone mask.
- Resuscitator and Mask made up from 100% silicone.
- Silicone resuscitator provides **bag re-expansion property**.
- Pressure limiting valve ensures crucial adjustments for enhanced performance.
- Presence of **360° swivel joint** between patient valve and face mask facilitates ease of maneuverability to interface with the patient's posture.
- **Autoclavable** manual resuscitator.
- Re-usable resuscitator kit along with all the components.
- All connectors (15/ 22mm) as per international standards.
- Individually packed in a box.

Res Care™ GS-2052

- **Disposable manual resuscitator kit**.
- Individually packed in a box.

Silko Mask® GS-2049

- Manufactured from **100% Silicone** material.
- **Spare mask**.
- Autoclavable mask suitable for repeated use.
- Individually packed.

| SPECIFICATIONS |                      |
|----------------|----------------------|
| Product Code   | Size                 |
| GS-2050        | Adult, Child, Infant |
| GS-2049        | 0, 1, 2, 3, 4, 5     |

ENDOTRACHEAL TUBE PLAIN/ CUFFED E.T TUBE



Endotracheal Tube Plain GS-2002

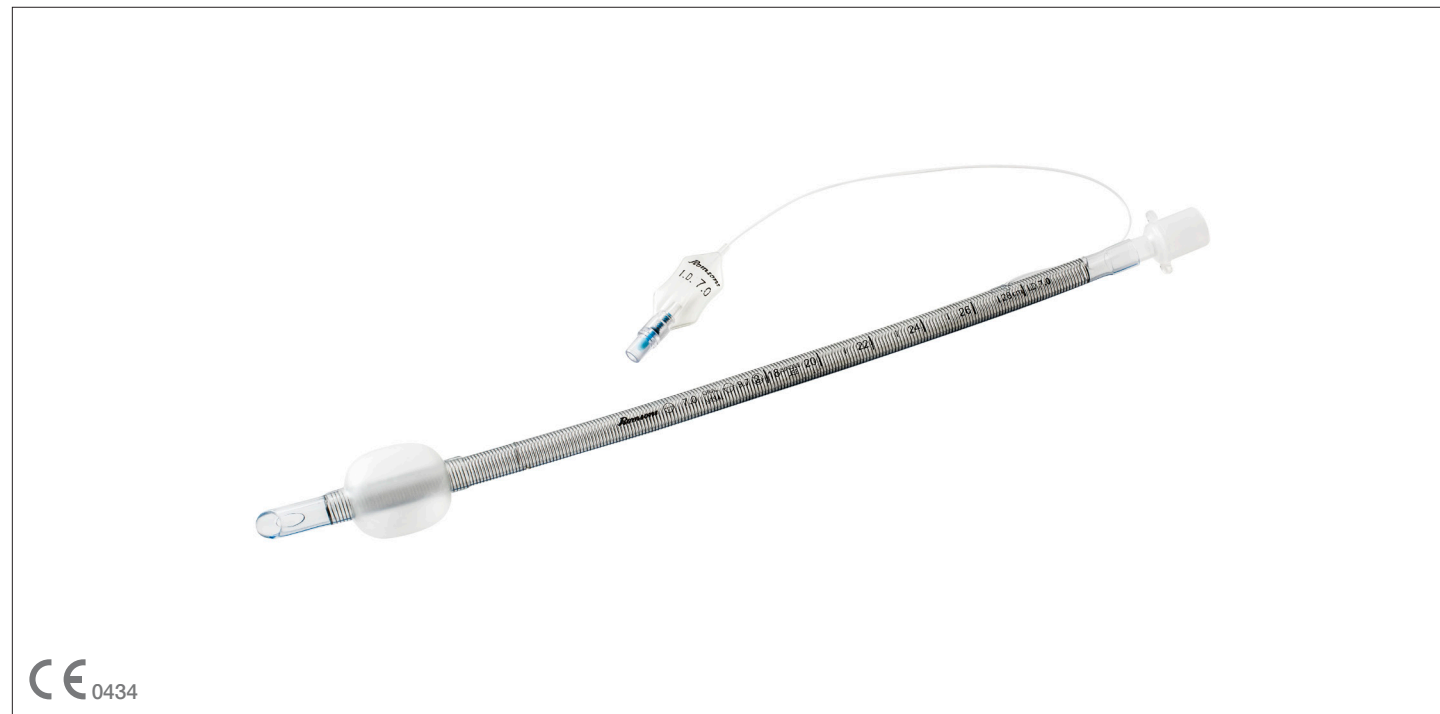
- Manufactured from **thermo-sensitive material** readily conforming to body contours at body temperature.
- **Kink resistant** and transparent material to reduce any possibility of occlusion in the tube bore.
- Nasal tip suitable for **nasal/ oral intubation**.
- **Murphy eye** with smooth edges and tip to reduce any trauma to the patient during procedure.
- Provided with **radio-opaque line** throughout the length for X-ray detection and assistance in placement.
- Proximal end is fitted with standard 15 mm connector which can snugly fit with other commonly used connectors.
- Sterile individually packed in peelable blister pack.

Endotracheal Tube Cuffed GS-2004

- Thermo-sensitive tube conforms to the tract anatomy.
- **Conforms to F-29 standards**.
- Kink resistant tube ensures patient safety.
- Strong tube walls to ensure proper ventilation.
- **Murphy eye** has a polished smoothness ensuring atraumatic intubation and extubation.
- Features a **high-volume, low pressure cuff**.
- Soft cuff allows air tight fit between the tube and trachea.
- **Wide black ring** above cuff gives visual indication of tube passing the vocal cords to aid in placement.
- **Radio-opaque line** determines exact location.
- Standard 15mm connector.
- Sterile individually packed in peelable blister pack.

| SPECIFICATIONS |                     |
|----------------|---------------------|
| Product Code   | Size (0.5 mm stage) |
| GS-2002        | 2.00 mm - 5.00 mm   |
| GS-2004        | 5.00 mm - 10.00 mm  |

## RE-INFORCED ENDOTRACHEAL TUBE FLEXO METALLIC TUBE

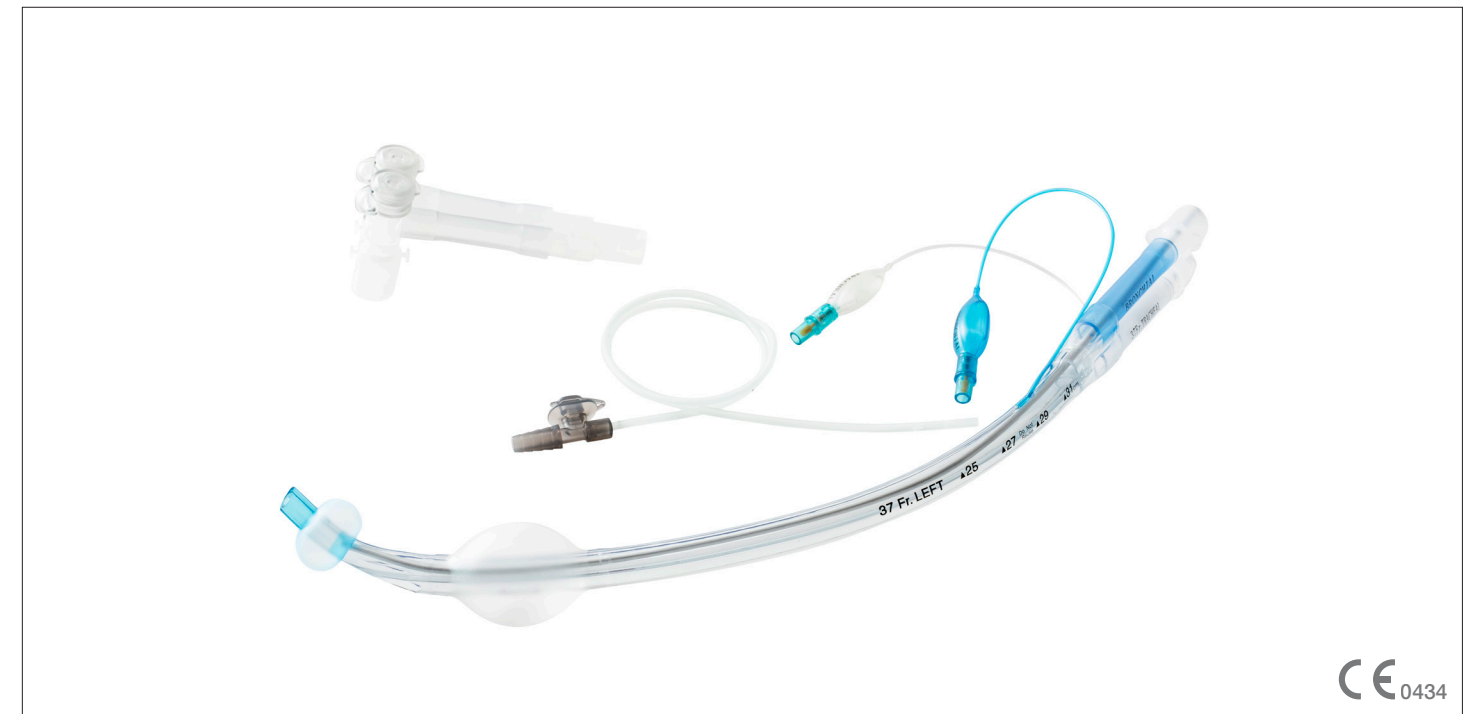


### Re-inforced Endotracheal Tube GS-2013

- Flexo-metallic endotracheal tube for airway management intended for use in surgeries demanding flexible head or neck position.
- Specially designed suitable to laryngo-tracheal anatomy.
- Tubes are fitted with a reinforced stainless steel spiral core to overcome any possibility of the bore occlusion due to kinking or collapse of the tube.
- Flexo-metallic feature provides 100% kink resistance and anti-crushing strength to the endotracheal Tube.
- Completely flexible tube with a thin, strong wall.
- High volume, low pressure cuff provides effective seal between tube and trachea and minimizes the risk of folds.
- Radio opaque line with precise graduation marking guarantees proper placement of the tube.
- Murphy eye ensures clear airway and no mucus blockage.
- Conforms to F-29 standards.
- Sterile, individually packed.

| SPECIFICATIONS |              |
|----------------|--------------|
| Product Code   | Size in mm   |
| GS-2013        | 5.00 - 10.00 |

## ENDOBONCHIAL TUBE DOUBLE LUMEN TUBE



### Endobronchial Tube GS-2111 L/ 2111 R

- Robertshaw tube designed to fit patient's anatomy for thoracic or pulmonary surgery and single lung long-term ventilation.
- Anatomically-correct curvatures facilitate proper placement and intubation.
- High volume/ low pressure tracheal cuff has a true barrel shape that minimizes pressure on the tracheal tissue and a uniquely shaped bronchial cuff helps prevent accidental upper lobe occlusion.
- Tracheal cuff separates the lung from the environment.
- Bronchial cuff separates the lungs from each other.
- Colour-coded pilot balloons with luer-lock connector, marked with the name of the lumen (tracheal or bronchial) for easy identification.
- "D" shaped lumina provide maximum cross sectional area, minimising resistance to gas flows.
- Provided with double swivel connections with double caps.
- Sterile, individually packed.

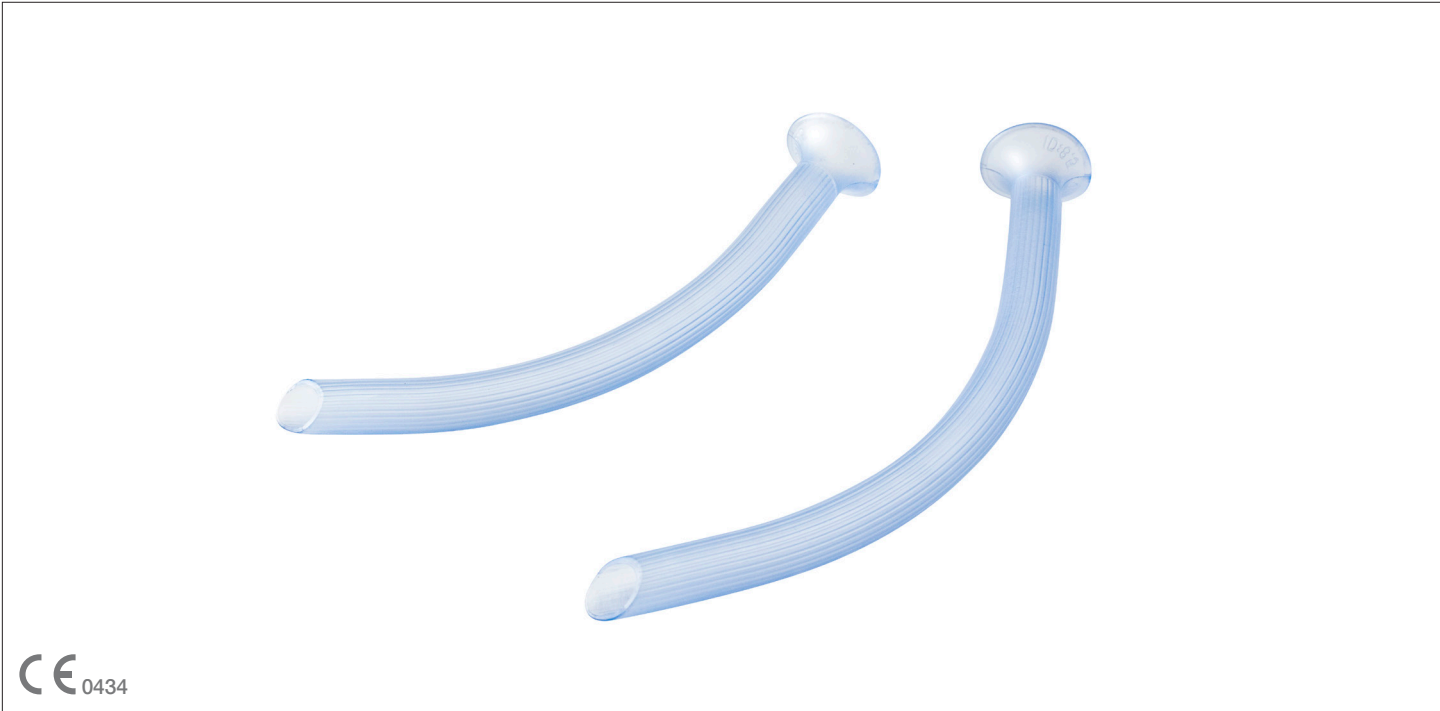
| SPECIFICATIONS |                |
|----------------|----------------|
| Product Code   | Size in FG     |
| GS-2111 L      | 35, 37, 39, 41 |
| GS-2111 R      | 37, 39, 41     |

#### SPECIAL FEATURES

- ★ Robertshaw Design
- ★ Double lumen tube
- ★ Single lung ventilation
- ★ Anatomically contoured

NASOPHARYNGEAL AIRWAY

NASOPHARYNGEAL AIRWAY



Nasopharyngeal Airway® GS-2034

- Suitable for suctioning in I.C.U.s and provide an alternative way when oro-pharyngeal airway is occluded.
- Design of the tube conforms to the nasopharyngeal anatomy.
- Flexible for maximum patient comfort
- Tube manufactured in medical grade PVC is soft, flexible and kink resistant.
- Soft material for enhanced nasal passage comfort.
- Atraumatic soft-rounded edges and smooth surface.
- Specially designed bevel tip reduces mucosal trauma during insertion.
- Tube marked with the internal diameter for easier size identification.
- Thin wall construction provides maximum inner diameter.
- Interior walls with channel grooves facilitate easy insertion of catheter.
- Removable 15 mm connector to allow connection to ventilation systems.
- Individually packed in peelable pack.

| SPECIFICATIONS |        |
|----------------|--------|
| Size           | Length |
| 6.5 FG         | 105 mm |
| 7 FG           | 125 mm |
| 7.5 FG         | 130 mm |
| 8 FG           | 135 mm |
| 8.5 FG         | 145 mm |

GUEDEL AIRWAYS

ORO-PHARYNGEAL AIRWAY



Guedel Airway GS-2012

- Guedel Airways are designed to maintain an unobstructed oropharyngeal airway during or following general anaesthesia and in patients who are unconscious for other reasons.
- Manufactured from non-toxic, non-irritant PE polymer.
- Atraumatic soft-rounded edges.
- Provides access for the insertion of suction catheters.
- Flexible to ensure dental protection.
- Integral hard bite block avoids airway occlusion and biting of tongue.
- Design of the tube conforms to the oropharyngeal anatomy.
- Stepless airway path for easy cleaning.
- Bite blocks are color coded for instant size identification.
- Individually packed in peelable soft blister pack.
- Sterile, ready for use.

| SPECIFICATIONS |             |
|----------------|-------------|
| Size           | Colour Code |
| 000            | Natural     |
| 00             | Blue        |
| 0              | Black       |
| 1              | White       |
| 2              | Green       |
| 3              | Yellow      |
| 4              | Red         |
| 5              | Orange      |



ROMO SOFT TUBE PERCUTANEOUS TRACHEOSTOMY TUBE



Romo Soft™ Tube GS-2102

- Percutaneous tracheostomy tube, an artificial airway to provide access to patient’s airway, protection from aspiration and to provide access to lower respiratory tract for airway clearance.
- Minimal invasive approach leads to small incisions.
- Enables the procedure to be performed at the point of care, when the doctor and patient are readily available.
- Tapered tip for easy passage into the stoma.
- Low-pressure cuff and tip reduce insertion force, and conform to the individual patient's anatomy.
- Sterile, individually packed in a box.
- Ready for use.

| SPECIFICATIONS |          |
|----------------|----------|
| I.D            | O.D      |
| 7.0 mm         | 10.50 mm |
| 7.5 mm         | 11.30 mm |
| 8.0 mm         | 11.90 mm |
| 8.5 mm         | 12.60 mm |

SPECIAL FEATURES

- ★ Percutaneous technique
- ★ Minimized complications
- ★ MIS approach, few incisions
- ★ Less wound infections

ROMO SOFT KIT PERCUTANEOUS TRACHEOSTOMY KIT



Romo Soft™ Kit GS-2103

- Specially designed kit permits a safe, fast, and cost-effective percutaneous tracheostomy procedure with minimal complications.
- Available with or without Dilating Forceps.

COMPLETE KIT CONSISTS OF :

- Romo soft percutaneous tracheostomy tube
- Dilating forceps
- J-tip guide wire
- Syringe-10 ml
- Dilating cannula
- Dilator
- Scalpel
- Cotton tape

| SPECIFICATIONS |          |
|----------------|----------|
| Tube I.D       | Tube O.D |
| 7.0 mm         | 10.50 mm |
| 7.5 mm         | 11.30 mm |
| 8.0 mm         | 11.90 mm |
| 8.5 mm         | 12.60 mm |

SPECIAL FEATURES

- ★ Bedside procedure
- ★ Over the guidewire technique
- ★ Forceps allow rapid dilation
- ★ Accurate Placement

LARYNGEAL MASK EXCELL

LARYNGEAL MASK AIRWAY



Laryngeal Mask Excell™ GS-3032

- Used for routine and elective surgical procedures.
- Made of soft PVC, which is thermo-sensitive material, for an atraumatic insertion and patient comfort.
- Anatomically correct curve for fast and easy insertion.
- Ergonomically shaped tube for firm grip during insertion.
- Aperture bars to prevent blockage of the ventilation lumen from the epiglottis.
- Cuff and airway tube molded as one unit for extra safety.
- Soft cuff ensures a good seal with low mucosal pressure.
- Pilot balloon identifies mask size and provides precise tactile indication of degree of inflation.
- Ventilation tube clearly marked with all information like mask size, patient's weight and cuff inflation volume.
- Supplied sterile individually packed in blister pack lid.

| SPECIFICATIONS |               |
|----------------|---------------|
| Size           | Patient's Wt. |
| 1              | < 5 kg        |
| 1.5            | 5 - 10 kg     |
| 2              | 10 - 20 kg    |
| 2.5            | 20 - 30 kg    |
| 3              | 30 - 50 kg    |
| 4              | 50 - 70 kg    |
| 5              | 70 - 100 kg   |

LARYNGEAL MASK DL

DOUBLE LUMEN LARYNGEAL MASK AIRWAY



Laryngeal Mask DL™ GS-2109

- Specialised mask to enable an effective oro-pharyngeal seal accompanied by the oeso-phageal seal at the oeso-phageal sphincter.
- 100% silicone mask enables smooth intubation and extubation and also offers enhanced user safety.
- Uniquely designed device with special port to provide tracheal ventilation along with gastric access.
- Shaped as per anatomical structure to facilitate successful intubation.
- Primary seal enables independent ventilation and the secondary seal offers improved safety and encourages drainage of digestive tract contents independent of ventilation.
- Diminishes the chances of aspiration.
- Ventilation tube clearly marked with all information like mask size, patient's weight and cuff inflation volume.
- Single use, sterile device.

| SPECIFICATIONS |              |
|----------------|--------------|
| Size           | Gastric Tube |
| 1.0            | 4, 5 FG      |
| 2.0            | 6, 7 FG      |
| 2.5            | 8, 9 FG      |
| 3.0            | 10, 12 FG    |
| 4.0            | 12, 14 FG    |

SPECIAL FEATURES

- ★ 100% silicone material
- ★ Anatomically contoured
- ★ Assists ventilation
- ★ Allows gastric access

## FLIP TAP CATHETER MOUNT CATHETER MOUNT



### Flip Tap™ Catheter Mount® SH-2404

- Specialised catheter mount with double ports for specific application.
- Corrugated tube made up of medical grade PE offers durability, flexibility and strength.
- Double flip tap cap with seal having provision for both bronchoscopes as well as for suctioning.
- Opening the first tab on the cap allows for the introduction of a bronchoscope whilst maintaining airway pressure and opening the second tab allows for suctioning if required.
- Double swivel elbow with 15 mm I.D. / 22 mm O.D. connector fits all standard tracheal tubes.
- 22 mm standard female connector is compatible with all breathing and ventilator circuits.
- Sterile and individually packed.

| SPECIFICATIONS |          |
|----------------|----------|
| Port Type      | Diameter |
| Silicone Port  | 3.40 mm  |
| Suction Port   | 9.40 mm  |

#### SPECIAL FEATURES

- ★ Double port system
- ★ Silicone port for bronchoscope
- ★ Separate port for suctioning
- ★ Standard connectors

## VENTILATOR CIRCUIT BREATHING CIRCUIT



### Ventilator Circuit SH-2091/ 92/ 93/ 94

- Corrugated, flexible and lightweight tubing made of high quality plastic.
- Transparent for easy monitoring of water build-up or blockages.
- Circuits provides a better airflow and are cost effective.
- Standard connectors for secure fitment with high performance.
- Sterile, latex free and individually packed.
- 22 mm cap with 22 mm corrugated tube.
- 15mm male/ 22mm male and 15mm female angle connector with luer port.

#### Ventilator Circuit with fixed elbow SH-2091

- 22 mm male / female parallel connector, 22 mm male parallel "Y" connector.

#### Ventilator Circuit with single water and double water trap SH-2093/ 2094

- Offers excellent drainage to maximize moisture collection.
- Water Trap/s, 22 mm male/ 22 mm female straight connector.
- 22 mm male parallel "Y"-connector with port, 22 mm male connector.

#### Ventilator Circuit with HME Filter SH-2092

- Provided with heat moisture exchanger Bacterial / Viral filter with luer port.
- Enables retention of temp. to prevent continuous heat loss during ventilation.
- 22 mm male / female parallel connector, 22 mm male parallel Y-connector.

BAIN CIRCUIT ANESTHESIA CIRCUIT



Bain Circuit SH-2088

- A co-axial modification of the basic "T"-piece system, developed to facilitate scavenging of waste gases.
- The process includes patient inspiring fresh gas from the outer reservoir tube and expiring into reservoir tube.
- Convenient, lightweight anesthesia delivery system.
- It is based on Mapleson "D" system, provided with a corrugated tube, expiratory valve and antistatic bag.
- The modification improves clinical utility.
- It is simpler, has single tube convenience and low resistance to breathing.
- Compact and inexpensive with low dead-space.
- Sterile and individually packed.

UNIT CONSISTS OF :

- 22mm Cap
- 22mm corrugated tube 1.6metres long
- 22mm expiratory valve
- 2 litres antistatic rebreathing bag
- Standard connectors
- Green Tube

Paed. Anesthesia Circuit SH-2089

- It is based on Mapleson "F" system, provided with 15 and 10 mm corrugated tube with a 0.5 ltr antistatic Rebreathing Bag and a bag bleed valve.

UNIT CONSISTS OF :

- 22mm Cap
- 15mm corrugated tube, 0.42 metres long
- 10mm corrugated tube, 2 metres long
- Expiratory valve
- 0.5 litres antistatic rebreathing bag
- Standard connectors
- Extra circuit adopters

| SPECIFICATIONS |              |
|----------------|--------------|
| Product Code   | Bag Capacity |
| SH-2088        | 2 litres     |
| SH-2089        | 0.5 litres   |

H.M.E FILTER HEAT AND MOISTURE EXCHANGER



H.M.E Filter SH-2095

- H.M.E's are passive humidification systems that retain heat and moisture from the patient's exhaled gas.
- Provides effective protection against various types of particles including bacteria, viruses, and moisture droplets.
- Precisely engineered and easy to use device made up of high strength plastic material offering reliable performance.
- Provided with high efficiency electrostatic filters to address concerns associated with ventilated patients.
- The filters help protect the patient, the equipment, and the breathing circuit from contamination.
- Enhances particle capture efficiency and give a low and stable breathing resistance even when wet.
- A conveniently located port or connection permits gas sampling at the top of the housing,
- H.M.E.F's are designed according to "ISO" standards to help facilitate connection to different ventilators and anesthesia systems.
- Sterile, single use device, individually packed.

| SPECIFICATIONS |                            |
|----------------|----------------------------|
| Size           | Moisture                   |
| Adult          | 33.5 mgH <sub>2</sub> O/ L |
| Pediatric      | 32.3 mgH <sub>2</sub> O/ L |



CLOSE SUCK CATH CLOSED SUCTION SYSTEM



Close Suck Cath™ GS-2107

- Closed suction system minimizes the VAP incidences in ventilated patients.
- Offers convenience of attachment to ventilator on one side and tracheal tube on the other, resulting in **seamless access of tracheo-bronchial cavity**.
- Dual swivel elbow offers convenience of rotatability for optimal comfort.
- **Atraumatic, soft catheter** minimizes the damage to mucosal membranes.
- **Clear depth markings** help to reduce mucosal trauma and infection potential by allowing the practitioner to limit the distance of catheter for safe suctioning.
- Catheter comes in a **protective sleeve** which completely isolates it from direct contact to caregivers and avoids disturbances.
- **Thumb control** facility at the proximal end prevents inadvertent suctioning.
- Provided with separate ports for flushing and MDI administration.
- Day-of-the-week stickers which easily identify change requirements.
- Same catheter is suitable to be used for upto 72 hours.
- Sterile, latex free and individually packed.

| SPECIFICATIONS |        |
|----------------|--------|
| Size           | Length |
| 8 FG           | 400 mm |
| 10 FG          | 400 mm |
| 12 FG          | 540 mm |
| 14 FG          | 540 mm |
| 16 FG          | 540 mm |

SPECIAL FEATURES

- ★ Closed system
- ★ Allows ventilation with suctioning
- ★ Atraumatic catheter
- ★ Ports for flushing and MDI

SUCTION CATHETER / CEE TEE CATH T.C SUCTION CATHETER



Suction Catheter® Plain GS-2006

- Oro-bronchial catheter to remove respiratory secretions from a person's airway to keep it clear and prevent mucus build-up.
- Suitable for removal of secretions from mouth, trachea and bronchial tubes.
- Made from non-toxic, kink-resistant medical grade PVC.
- Provided with universal **funnel shaped connector** for safe connection to the standard suction equipment.
- **Atraumatic, soft-rounded distal end** is open with **one lateral eye** to avoid trauma during suctioning.
- Soft and smooth tubing specially made using **frozen surface technique** for easy insertion.
- Color coded funnel end for instant size identification.
- Sterile, peelable soft blister pack.

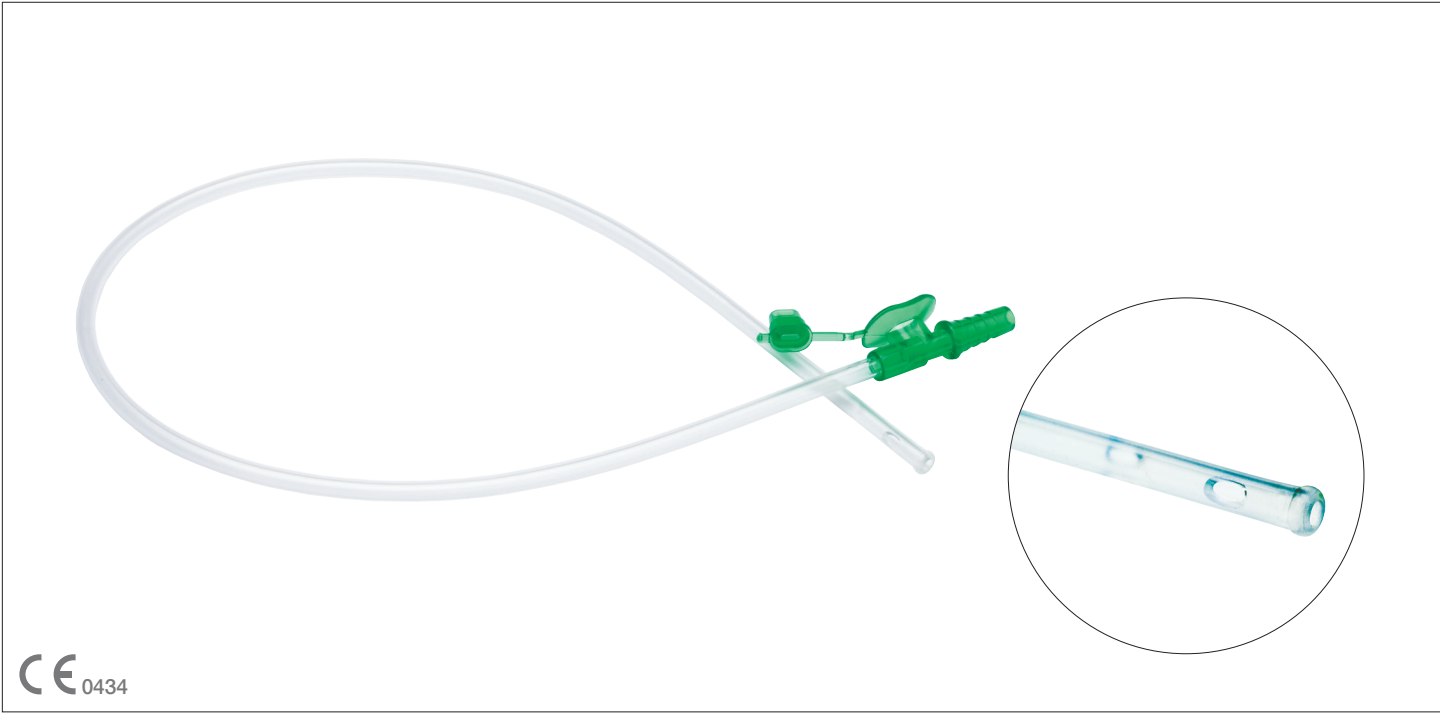
| SPECIFICATIONS        |        |
|-----------------------|--------|
| Size                  | Length |
| 6,8,10,12,14,16,18 FG | 53 cm  |

Cee Tee Cath® TC GS-2007 TC

- Extra soft catheter with specially added plasticizers for gentle feel to tissues.
- Suitable for removal of secretions from mouth, trachea and bronchial tubes.
- Made up of non-irritant kink-resistant medical grade PVC.
- Provided with vacuum control facility as **“thumb control system”** for efficient suction management.
- Enables continuous or intermittent suctioning.
- Provided with **two lateral eyes** at the distal end for unobstructed suctioning incase the main tip gets occluded due to mucus accumulation.
- The distal end opening and side eyes are **smoothly contoured** and free of sharp edges.
- Sterile, peelable soft blister pack.

| SPECIFICATIONS     |        |
|--------------------|--------|
| Size               | Length |
| 6,8,10,12,14,16 FG | 53 cm  |

GELATO PLAIN/ T.C FLOWER TIP SUCTION CATHETER



Gelato® Plain GS-2025 P

- Endo-bronchial suction catheter with patented non-traumatic flower tip.
- Manufactured from non-toxic and non-irritant medical grade PVC.
- Provided with unique integrated ring type, open end flower-shaped tip to minimize any mucosal damage during the suction procedure.
- Specially designed oro-bronchial catheter is automatically centered during suctioning due to its integral ring type design.
- Smooth tip prevents irritation to tracheal mucosa and adds to patient comfort.
- Provided with two round lateral eyes at the distal end which enables uniform pressure distribution and facilitate efficient and uninterrupted suctioning even if the main tip gets occluded.
- Sterile, individually packed in a peel open soft blister pack.

| SPECIFICATIONS |             |
|----------------|-------------|
| Size           | Colour Code |
| 6 FG           | Sea Green   |
| 8 FG           | Blue        |
| 10 FG          | Black       |
| 12 FG          | White       |
| 14 FG          | Green       |
| 16 FG          | Orange      |

Gelato® TC GS-2025 TC

- Provided with “thumb control system” for efficient suction management.

SPECIAL FEATURES

- ★ Patented flower tip
- ★ Minimizes mucosal damage
- ★ Automatically centered
- ★ Open eyes, better suction

SPINAL NEEDLE SPINAL NEEDLE



Spinal Needle GS-2029

- Specially designed to administer lumbar/ subarachnoid anesthesia.
- Clear polycarbonate hub offers easy visualization.
- Transparent hub provides rapid detection of Cerebro-spinal fluid (CSF) flashback for confirming accurate placement.
- Sharp bevel design for low puncture force ensures minimal puncture trauma.
- Fine gauge needle design greatly reduces the risk of PDPH (Post Dura Puncture Headache).
- Conical tip imparts superior tactile feedback.
- High flow rate enables faster CSF flashback.
- Aggressive anesthetic distribution upon injection.
- Snugly fit stylet into the respective needle facilitates no tissue coring.
- Color coded stylet enables rapid size identification.
- Sterile, individually packed in peelable pouch.

| SPECIFICATIONS |             |
|----------------|-------------|
| Size           | Colour Code |
| 18 G           | Pink        |
| 19 G           | Cream       |
| 20 G           | Yellow      |
| 21 G           | Deep Green  |
| 22 G           | Black       |
| 23 G           | Deep Blue   |
| 24 G           | Purple      |
| 25 G           | Orange      |
| 26 G           | Brown       |
| 27 G           | Grey        |

EPI KIT SFT EPIDURAL ANESTHESIA KIT



Epi Kit® SFT GS-2106

KIT CONSISTS OF :

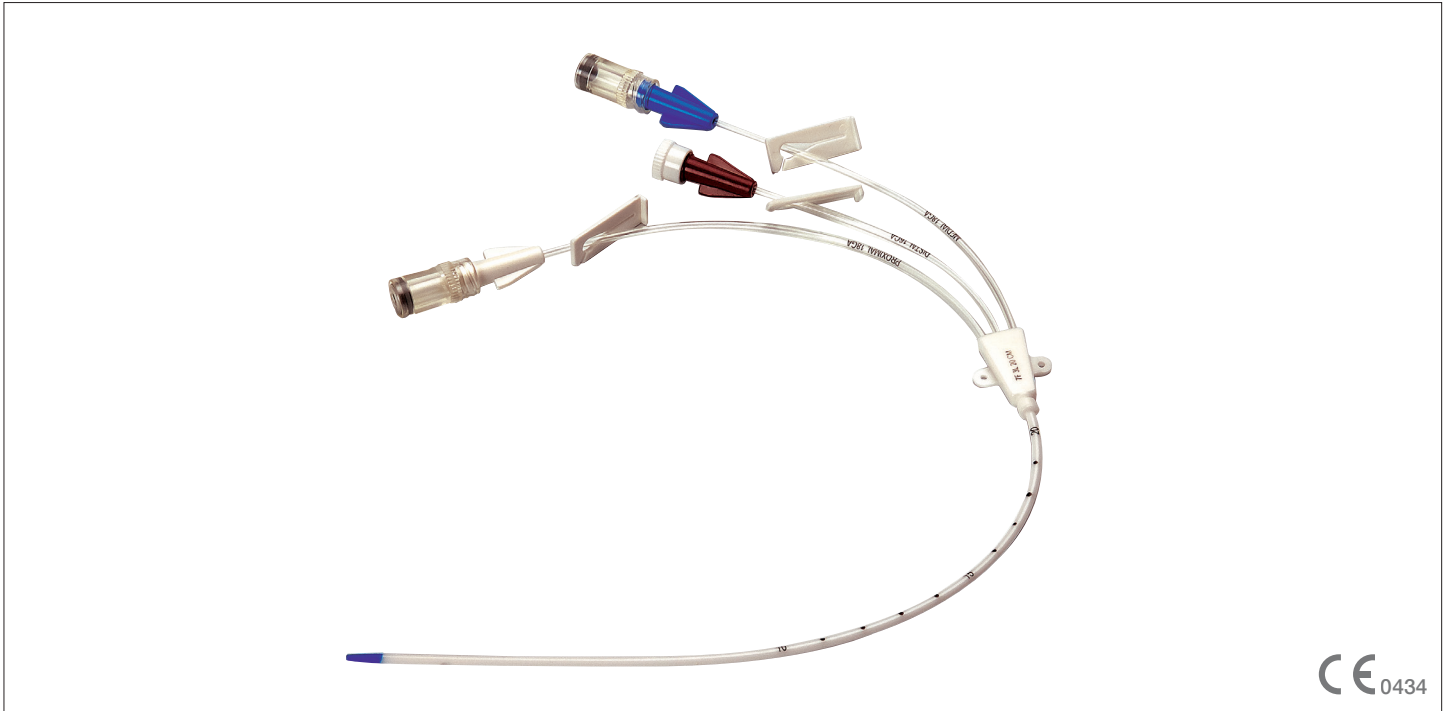
- **EPIDURAL/TUOHY NEEDLE** : Tuohy type needle is provided with clear depth marking for accurate insertion and depth reading with polished inner bevel edge to minimize the risk of catheter shearing.
- **EPIDURAL CATHETER** : Closed round soft tip with three lateral eyes.
- **LOR SYRINGE** : Specially designed syringe suitable for air and saline technique, provides clear identification of epidural space.
- **THREADING ASSIST GUIDE** : Fits securely into the needle & assists in easy advancement of catheter.
- **DETACHABLE CONNECTOR** : Separate twist lock connector.
- **HYDROPHILLIC FILTER** : Hydrophillic 0.2 micron filter provides additional safety & control against microbial infections.
- Sterile, individually packed in a box.

Epi Cath® SFT GS-2104

- **Soft tip epidural catheter** is specially designed for continuous anaesthesia and pain relief therapy.
- Catheter is made from unique plasticizer free polymer with **excellent bio-compatibility**.
- Flexible and **atraumatic soft tip** with three lateral eyes.
- Catheter is printed to determine the depth of insertion and accurate placement in the epidural space.
- **Luer lock twist connector**.
- Crystal clear catheter with **radio opaque line**.
- Sterile, individually packed in peelable pack.

| SPECIFICATIONS |           |
|----------------|-----------|
| Product Code   | Size      |
| GS-2106        | 16, 18 NG |
| GS-2104        | 16, 18 NG |

CENTRO CENTRAL VENOUS CATHETER KIT



Centro® GS-3042

- Specially designed **central venous catheter** offering good tissue tolerance and reduced vascular pain.
- Manufactured from specially formulated and biocompatible **PU material**.
- Polyurethane anti-kink soft tip ensures firm insertion and **minimizes vessel erosion**, thereby reducing vascular trauma.
- Radiopaque catheter with clear, definite marking facilitates correct placement.
- Specially designed **soft and flexible J-tip guide wire** prevents perforation and provides good torque to ensure firm insertion and non-traumatic.
- Vessel dilator allows super soft catheter to get easily placed.
- Based upon much preferred **Seldinger technique**.
- Sterile, individually packed in hard blister pack.

KIT CONSISTS OF :

- Soft tip Polyurethane catheter radio-opaque with luer lock connector
- “J” tip Guide Wire with dispenser
- “Y” shaped Introducer Needle, Tissue dilator
- Suture wing, Clamp fastener, Scalpel (short)
- Extension line clamps, Injection site
- Syringe 5ml, Hypodermic needle (20G x 25mm)
- Needle sponge

| SPECIFICATIONS |               |
|----------------|---------------|
| Type           | Size          |
| Single Lumen   | Fr 5x20 cm    |
| Double Lumen   | Fr 5x8 cm     |
| Double Lumen   | Fr 7x16,20 cm |
| Triple Lumen   | Fr 7x16,20 cm |



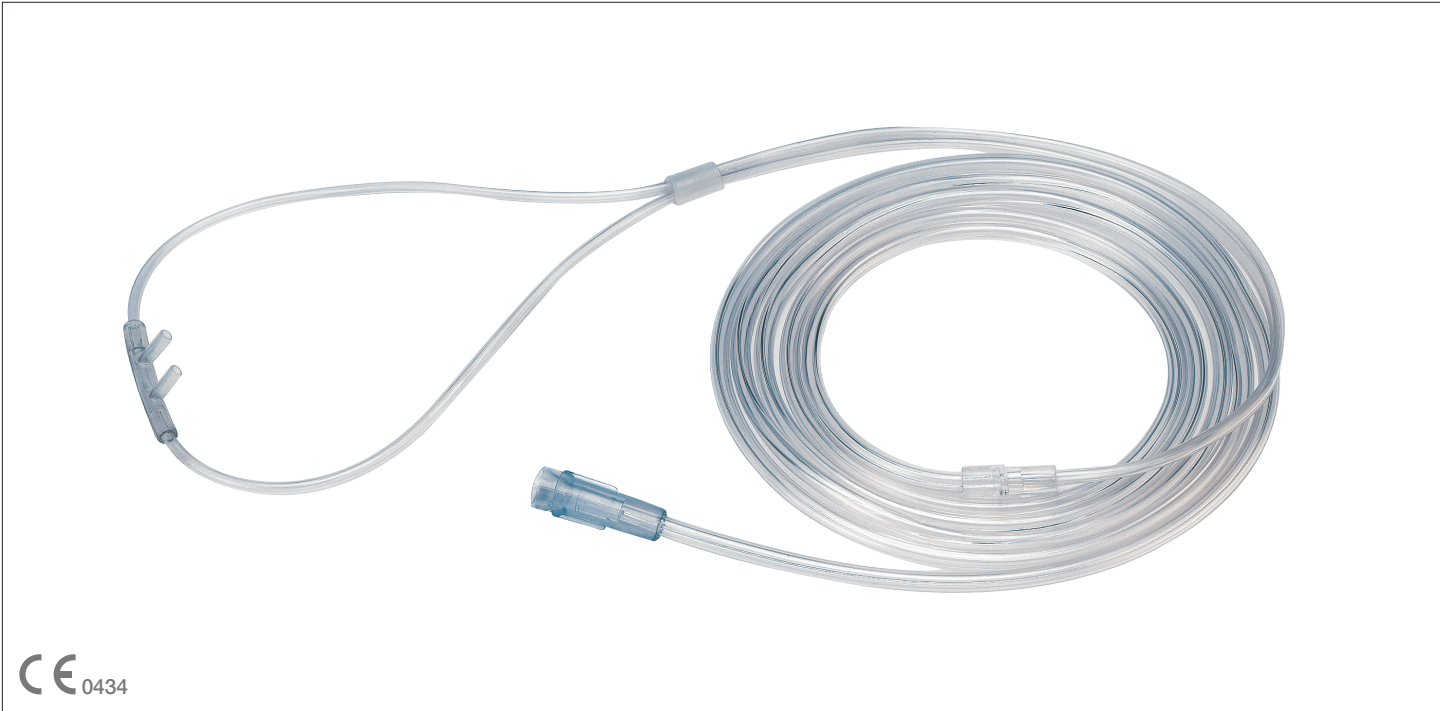


# respiratory

Respiratory system is a series of organs responsible for taking in oxygen and expelling carbon dioxide. The system allows air to pass in and out of the body and facilitates efficient gas exchange to happen. The range of respiratory products involve specialised oxygen masks and nebulisation masks and help breathe life into patients who are ventilated or breathing on their own while addressing cross-contamination concerns.



OXY SET TWIN BORE NASAL SET



Oxy Set® SH-2016

- Suitable for easy application and efficient administration of oxygen for greater comfort of the patient.
- Manufactured from soft, light weight non-toxic material, thus non-irritating even in long term use.
- Improved anatomical fit for increased comfort.
- The system of attachment provides maximum freedom to the patient and leaves the patient's mouth free for nutritional and communication purposes.
- Multichannel tube ensures continuous supply of oxygen, even if the tube is accidentally kinked.
- Twin prong/ nasal tips are designed to ensure equal volume of oxygen to both the air passages.
- Soft funnel shaped connector facilitates easy connection to oxygen source.
- Nasal prong ensures an uninterrupted flow of oxygen to the patient and offers better comfort for continuous use.
- Non-sterile, individually packed in poly bag.

| SPECIFICATIONS |             |
|----------------|-------------|
| Prong Size     | Tube Length |
| Adult          | 200 cm      |
| Chid           | 200 cm      |
| Infant         | 200 cm      |
| Neonate        | 200 cm      |

FLEXI MASK/ FLEXI COMFORT OXYGEN MASK



Flexi Mask® SH-2020

- Designed for convenient oxygen therapy to the patients during surgery or critical care.
- Moulded face mask manufactured from non-toxic and non-irritant medical grade PVC material.
- Soft mask designed in such a way that it fits comfortably over patient's face.
- Provided with adjustable elastic strap for proper positioning of mask on the nasal area.
- 2 mtr. multichannel, kink-resistant tube is provided to ensure continuous flow of oxygen.
- Swivel connector for easy attachment to oxygen tube.
- Proximal end fitted with soft funnel shape connector for easy connection to oxygen source.
- Individually packed in poly bag.

| SPECIFICATIONS |             |
|----------------|-------------|
| Size           | Tube Length |
| Adult, Child   | 200 cm      |

Flexi Comfort™ SH-2401

- Mask with soft seal and strap for better fit and comfort.
- Manufactured from medical grade PP material, making it lighter than a PVC mask.
- No unpleasant odor as associated with other masks.
- Special soft seal provides comfort around the face.
- Enables the patient to wear the mask for longer duration.
- The cushion also provides better concentration of oxygen as it forms a seal between facial muscles and mask thereby reducing the wastage of oxygen.
- Leaves little air blind angle, limiting breath of exhaust.
- Sealing edge of contour line greatly eliminates discomfort caused by the oppression to facial nerve.
- No metal nose clip, making the product MRI compatible.
- Individually packed in poly bag.

| SPECIAL FEATURES         |                                |
|--------------------------|--------------------------------|
| ★ Non-PVC mask           | ★ Completely odorless material |
| ★ Soft seal at the edges | ★ No oxygen wastage            |

OXY LOCK VENTURI MASK



Oxy Lock® SH-2038

- Variable venturi system to ensure accurate or predicted concentration of oxygen with single unit.
- Often used for critically ill patients who require administration of a specific concentration of oxygen.
- Made up of medical-grade PVC material, completely latex free.
- Transparent air entrainment mask with soft anatomical form with easily adjustable elastic strap.
- Specially designed mask has entrainment ports that are adjustable to allow regulation of the concentration of oxygen administered.
- Wide, adjustable strap for proper positioning of mask on the nasal area.
- Provided with rotating type connector for patient's comfort.
- Unique spring loaded mechanism locks prescribed concentration in place ensuring safety and correct oxygen concentrations.
- Two meter multichannel tube provided, ensures continuous flow of oxygen.
- Non-Sterile, individually packed in a polybag.

| SPECIFICATIONS |             |
|----------------|-------------|
| Size           | Tube Length |
| Adult          | 200 cm      |
| Child          | 200 cm      |

HI MASK HIGH CONCENTRATION OXYGEN MASK



Hi Mask® SH-2044

- Specially designed for high concentration oxygen therapy.
- Soft, transparent and odor free vinyl mask for greater patient comfort.
- The smooth, feathered edges are designed for patient comfort while reducing irritation points.
- The mask fits snugly over the patient's mouth and nose.
- Adjustable elastic strap fits over the patient's head holding the mask in place.
- The mask also has a reservoir bag that is inflated with pure oxygen.
- The reservoir bag allows for adequate oxygen to be available to meet the unpredicted patient's breathing pattern and tidal volume.
- Non-return valves provided at inhale and exhale points prevent carbon-dioxide retention.
- Light weight reservoir improves the oxygen efficiency.
- Non-Sterile, individually packed.

UNIT CONSISTS OF :

- Mask with elastic strap
- Mask connector with non-return valve
- 600 ml reservoir bag
- 200 cm long multichannel tube

| SPECIFICATIONS |             |
|----------------|-------------|
| Size           | Tube Length |
| Adult          | 200 cm      |
| Child          | 200 cm      |

AERO MIST/ AERO COMFORT NEBULIZING MASK



Aero Mist® SH-2074

- Soft, clear aerosol mask with anatomical form.
- Gently rolled, feathered edges with nose bridges for extra comfort.
- Rotating type connector for patient's comfort.
- The kit has nebuliser chamber to house the drug in liquid form with a funnel shaped vent to allow oxygen at high flow convert the liquid drug into droplets to reach lungs.
- Larger surface area provided by unique convex cone design, ensures maximum capillary action and eliminates medication wastage.
- Nebulizes 3 cc within 10 minutes in horizontal or vertical position ensuring patient comfort.
- Individually packed in a polybag.

| SPECIFICATIONS |             |
|----------------|-------------|
| Size           | Tube Length |
| Adult, Child   | 200 cm      |

Aero Comfort™ SH-2403

- Mask with soft seal and strap for better fit and comfort.
- Manufactured from medical grade PP material, making it lighter than a PVC mask.
- No unpleasant odor as associated with other masks.
- Special soft seal provides comfort around the face.
- Enables the patient to wear the mask for longer duration.
- The cushion also provides better concentration as it forms a seal between facial muscles and mask thereby reducing the wastage of medication.
- Leaves little air blind angle which limits breath of exhaust.
- Sealing edge of contour line greatly eliminates discomfort caused by the oppression to facial nerve.
- No metal nose clip, making the product MRI compatible.
- Individually packed in poly bag.

| SPECIAL FEATURES         |                         |
|--------------------------|-------------------------|
| ★ Non-PVC nebulizer mask | ★ Completely odorless   |
| ★ Soft seal at the edges | ★ No medication wastage |

AERO NEB NEBULIZING MASK



Aero Neb® GS-2086

- Soft clear aerosol mask provided with wide adjustable strap for proper positioning on the nasal area.
- The swivel connector provides maximum patient comfort by allowing it to be rotated to the required position.
- Angular connection of nebulizer chamber with mask nebulizes the patient even in supine position, ensuring no wastage of costly medicines.
- Large surface area provided by unique convex cone design, ensures maximum capillary action.
- Jet action aids in faster nebulization.
- Nebulizes 3 cc medicine within 10 minutes.
- Provided with an additional port for refilling the nebulizer chamber with medicine once it gets empty without disconnecting the set-up.
- Two meter multichannel kink resistant tube for uninterrupted oxygen supply.
- Ensures easy and safe connections to oxygen tubing.
- Individually packed in polybag.

UNIT CONSISTS OF :

- Jet type large nebulizer chamber with aerosol mask
- 200 cm multichannel tube.

SPECIFICATIONS

| Size  | Tube Length |
|-------|-------------|
| Adult | 200 cm      |
| Child | 200 cm      |





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# DNV BUSINESS ASSURANCE

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## PRODUCT QUALITY MANAGEMENT CERTIFICATE

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Certificate No. 112601-2012-CE-IND-NA Rev. 1.0

This Certificate consists of 3 pages  
*This is to certify that the Quality Management System of*

**Romsons Scientific & Surgical Industries Pvt. Ltd.**

63, Industrial Estate, Nunhai, Agra – 282 006, India.

*for production and final product inspection/testing of*

**Disposable Medical Devices**

*has, on a voluntary basis, been assessed with respect to*

the conformity assessment procedure described in Annex V, including the requirements for documentation specified in Annex VII, section 3 of Council Directive 93/42/EEC on Medical Devices, as amended, and found to comply

*Further details are given overleaf*

*Place and date:*

Høvik, 19 August 2013

For DET NORSKE VERITAS AS  
Norway

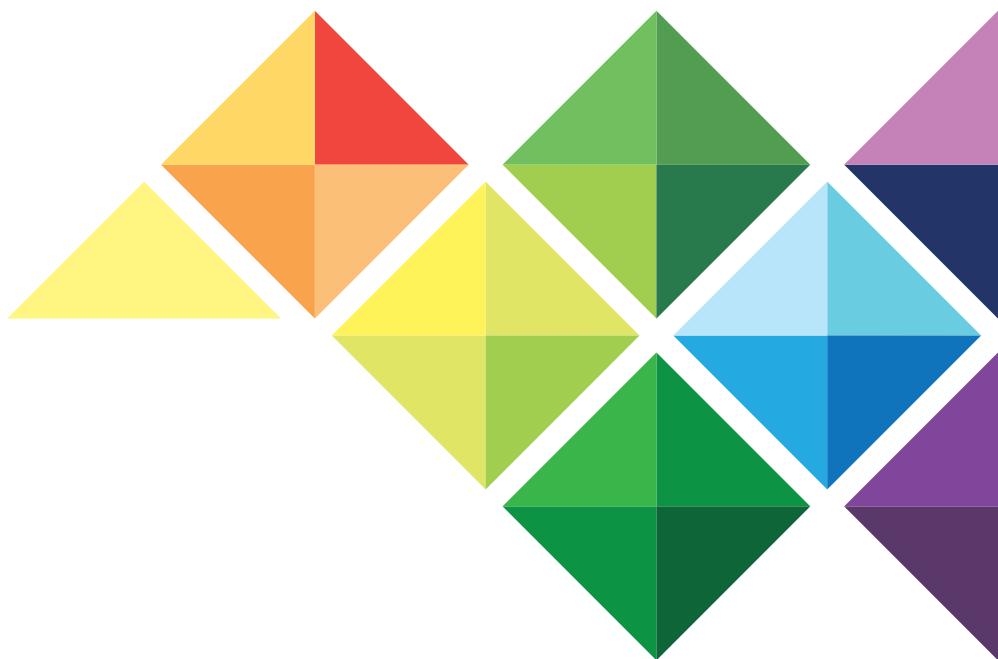


*This Certificate is valid until:*

**23 May 2018**

Ragnar Stranger Christiansen  
*Certification Manager*

Aud Løken Eiklid  
*Technical Reviewer*



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