

Inspired Medical™  
**Respiratory Supplies**

# Content

Introduction	3
Adult Anaesthesia Breathing Systems	4-5
Paediatric Anaesthesia Breathing Systems	6
Ventilation Circuits	7-8
Respiratory Filters	9-10
Accessories	11
Components	12-13
Segmented Coils	14
Certificates	15



## **Vincent Medical Mfg. Co., Ltd.**

### **Head office**

Flat B2, 7/F, Hang Fung Industrial Building, Phase 2,  
2G Hok Yuen Street, Hung Hom, Kowloon, Hong Kong  
Tel: +852 2365 5688 Fax: +852 2765 8428  
e-mail: [kk.tsang@vincent-mfg.com](mailto:kk.tsang@vincent-mfg.com)  
Website: <http://www.vincentmedical.com>

### **China factory**

Qiao Long District, Tang Xia Town,  
Dong Guan City, Guangdong Province,  
People's Republic of China  
Postal Code: 523730  
Tel: +86 (769) 794 8021 Fax: +86 (769) 794 8024

# Introduction

Vincent Medical Mfg. Co., Ltd. ([www.vincentmedical.com](http://www.vincentmedical.com)) is a Hong Kong based company with principal business in the manufacturing and sales of medical devices. It manufactures its own brand-name (Inspired Medical™) respiratory products for worldwide distribution and does contract manufacturing for customers.

Inspired Medical™ respiratory product line includes a full line of disposable breathing circuits (anaesthesia circuits and ventilation circuits), the viral / bacterial respiratory filters, the breathing bags, the accessories and components for the operating theatre and ICU. The circuits are made with corrugated polyethylene or polypropylene tubing that makes them light, flexible and kink resistant. These products are registered in the China SFDA and bear the CE mark.



*Clean room assembly area*



The wholly owned factory in China is a 30,000 square meters facility on 48,000 square meters of land and includes 3,500 sq. meters of class 100,000 clean room. It is located in Dong Guan City, Guangdong Province of PRC, with capabilities of clean room assembly, injection molding, extrusion and EtO sterilization.

Vincent Medical's quality management system is certified to ISO9001:2000 / ISO13485:2003 / EN550 / ISO11135. The factory is US FDA registered and all medical devices are manufactured in compliance with the US FDA's GMP standard. It has a strong quality control team to produce quality assured products and strive for total customer satisfaction.



*Injection molding area*

# Adult Anaesthesia

## Breathing Systems



All Inspired Medical™ disposable anaesthesia breathing systems meet the ISO and ASTM standards. The 22mm and 15mm connections all meet the ISO standard for conical connectors.

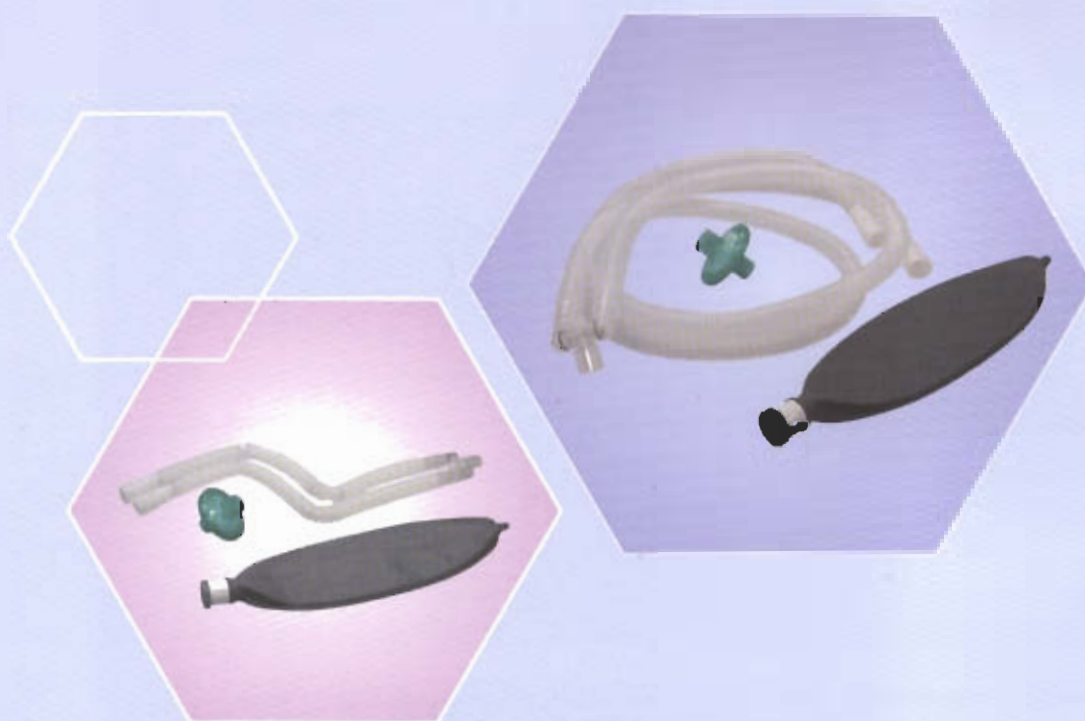
Inspired Medical™ Adult circle system with parallel wye and gas sampling elbow

Part Number	Configuration	Box Quantity
<b>Drapable Tubing</b>		
50404300	1.0 meter hoses	15
50404900	1.0 meter hoses, 3 liter breathing bag	15
50405000	1.0 meter hoses, 3 liter breathing bag, bacteria filter	15
50405200	1.5 meter hoses	10
50405800	1.5 meter hoses, 3 liter breathing bag	10
50405900	1.5 meter hoses, 3 liter breathing bag, bacteria filter	10
50425000	1.5 meter hoses, 3 liter breathing bag, bacteria filter & 1.5 meter spare limb (green)	10
50421000	1.8 meter hoses	10
50425100	1.8 meter hoses, 3 liter breathing bag	10
50425200	1.8 meter hoses, 3 liter breathing bag, bacteria filter	10
50425300	1.8 meter hoses, 3 liter breathing bag, bacteria filter & 1.5 meter spare limb (green)	10
<b>Expandable Tubing</b>		
50415100	1.8 meter hoses	40
50415700	1.8 meter hoses, 3 liter breathing bag	40
50415800	1.8 meter hoses, 3 liter breathing bag, bacteria filter	40
50425400	1.8 meter hoses, 3 liter breathing bag, bacteria filter & 1.8 meter spare limb (clear)	40
50416000	2.4 meter hoses	40
50416600	2.4 meter hoses, 3 liter breathing bag	40
50416700	2.4 meter hoses, 3 liter breathing bag, bacteria filter	40
50425500	2.4 meter hoses, 3 liter breathing bag, bacteria filter & 1.8 meter spare limb (clear)	40

\* The filter (PIN 50421500) and latex breathing bag are used.

\* Latex-free breathing bag can be supplied.





**Inspired Medical™ Adult circle system with swivel wye and gas sampling port**

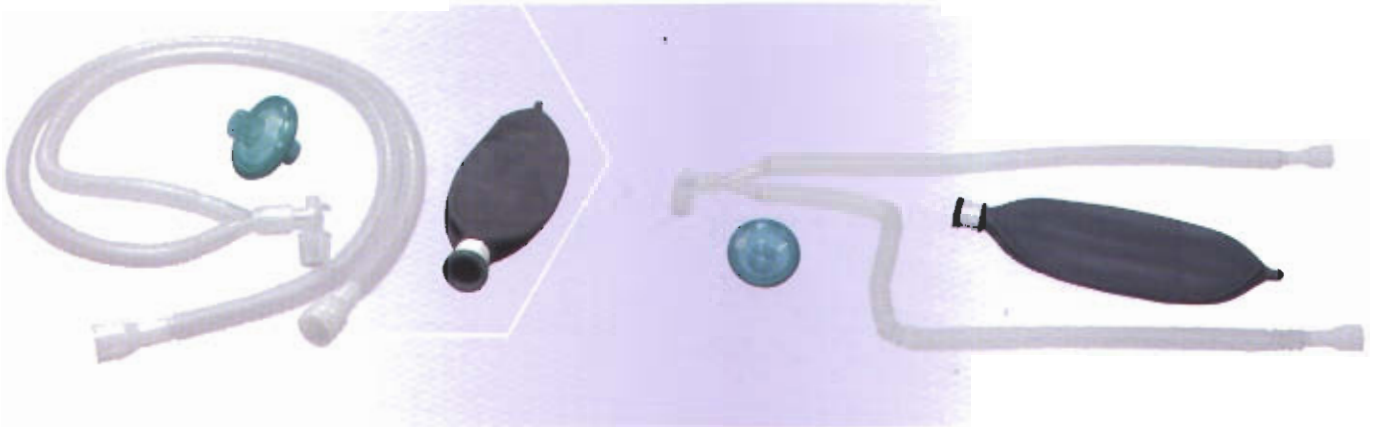
Part Number	Configuration	Box Quantity
<b>Drapable Tubing</b>		
50408800	1.5 meter hoses	10
50409400	1.5 meter hoses, 3 liter breathing bag	10
50409500	1.5 meter hoses, 3 liter breathing bag, bacteria filter	10
50425600	1.5 meter hoses, 3 liter breathing bag, bacteria filter & 1.5 meter spare limb (green)	10
<b>Expandable Tubing</b>		
50425700	1.8 meter hoses	40
50425800	1.8 meter hoses, 3 liter breathing bag	40
50425900	1.8 meter hoses, 3 liter breathing bag, bacteria filter	40
50426000	1.8 meter hoses, 3 liter breathing bag, bacteria filter & 1.8 meter spare limb (clear)	40
50426100	2.4 meter hoses	40
50426200	2.4 meter hoses, 3 liter breathing bag	40
50426300	2.4 meter hoses, 3 liter breathing bag, bacteria filter	40
50426400	2.4 meter hoses, 3 liter breathing bag, bacteria filter & 1.8 meter spare limb (clear)	40

\*The filter (PIN 504211500) and latex breathing bag are used.

\* Latex-free breathing bag can be supplied.

# Paediatric Anaesthesia

## Breathing Systems



Inspired Medical™ Paediatric circle system with bifurcated paediatric wye, gas sampling elbow and 15 mm hose

Part Number	Configuration	Box Quantity
<b>Drappable Tubing</b>		
50413900	1.0 meter hoses	20
50430900	1.0 meter hoses, 0.5 liter breathing bag	20
50414200	1.0 meter hoses, 1 liter breathing bag	20
50414300	1.0 meter hoses, 1 liter breathing bag, bacteria filter	20
50423100	1.0 meter hoses, 1 liter breathing bag, bacteria filter & 1.0 meter spare limb (blue)	15
50414500	1.5 meter hoses	10
50421300	1.5 meter hoses, 0.5 liter breathing bag	10
50414800	1.5 meter hoses, 1 liter breathing bag	10
50414900	1.5 meter hoses, 1 liter breathing bag, bacteria filter	10
50426500	1.5 meter hoses, 1 liter breathing bag, bacteria filter & 1.0 meter spare limb (blue)	10
<b>Expandable Tubing</b>		
50426600	1.8 meter hoses	50
50426700	1.8 meter hoses, 1 liter breathing bag	50
50426800	1.8 meter hoses, 1 liter breathing bag, bacteria filter	50
50426900	1.8 meter hoses, 1 liter breathing bag, bacteria filter & 1.8 meter spare limb (clear)	50

\* The filter (PIN 50421500) and latex breathing bag are used.

\* Latex-free breathing bag can be supplied.

# Ventilation Circuits

Vincent Medical offers a variety of ventilation circuits to suit the most popular ventilators and humidifier combinations.



## Inspired Medical™ Ventilation circuit

Part Number	Configuration	Box Quantity
51003200	Adult ventilation circuit 1.5 meter	10
51003300	Adult ventilation circuit 1.8 meter	10
51003400	Adult ventilation circuit 2.4 meter	10
51002800	Adult ventilation circuit with integral water traps, 1.8 meter	10
51002900	Adult ventilation circuit with separate water traps & proximal pressure line, 1.8 meter	10
51003500	Paediatric ventilation circuit 1.5 meter	10
51003600	Paediatric ventilation circuit 1.8 meter	10
51003700	Paediatric ventilation circuit 2.4 meter	10

## Inspired Medical™ Ventilation circuit with parallel wye & flex connector

Part Number	Configuration	Box Quantity
51004200	Adult ventilation circuit (w/ pressure monitor line)	10
51003900	Adult ventilation circuit (w/o pressure monitor line)	10
51004000	Adult ventilation circuit with nebulizer (w/ pressure monitor line)	10
51004100	Adult ventilation circuit with nebulizer (w/o pressure monitor line)	10

\*The filter (P/N 51000300) is used.



# Ventilation Circuits



Inspired Medical™ Ventilation circuit with external exhalation valve

Part Number	Configuration	Box Quantity
51003000	Adult ventilation circuit with external exhalation valve, 1.8 meter	10

Inspired Medical™ Single limb ventilation circuit with exhalation valve

Part Number	Configuration	Box Quantity
51003100	Adult single limb ventilation circuit, 1.5 meter	10
51003800	Adult single limb ventilation circuit with nebulizer, 1.8 meter	10
51005000	Adult single limb ventilation circuit, 2 meter	15
51000200	Paediatric single limb ventilation circuit, 1.5 meter	15

\* The filter (P/N 51000300) is used.



# Respiratory Filters

Inspired Medical™ respiratory filters offer outstanding filtration efficiency for a variety of clinical applications, to prevent cross infection between patients, breathing systems, anaesthesia machines and ventilators. The filters utilize an electrostatic filter media that offers excellent filtration with low resistance to gas flow. The filters are compact, lightweight and offer optimum flow dispersion and utilization of filter surface area.

*Note: Filtration efficiency certified test reports are available on request.*



## High performance viral / bacterial respiratory filter

- Connections: 22mm female / 15mm male x 22mm male / 15mm female
- Compressible volume: 30 ml
- Flow resistance: 3.5cmH<sub>2</sub>O at 60 LPM
- Weight: 33 g
- Bacterial filtration efficiency: 99.9997+%
- Viral filtration efficiency: 99.996+%
- Filter media: High performance electrostatic filter media
- Casing material: K-resin styrene butadiene copolymer
- Gas sampling port: threaded luer connector for sampling of CO<sub>2</sub>



Part Number	Item	Box Quantity
50421500	Inspired Medical™ High performance viral / bacterial respiratory filter	100



# Respiratory Filters



## Low resistance viral / bacterial respiratory filter

- Connections: 22mm female x 22mm male
- Compressible volume: 83 ml
- Flow resistance: 1.4 cmH<sub>2</sub>O at 60 LPM
- Weight: 41 g
- Bacterial filtration efficiency: 99.9980+%
- Viral filtration efficiency: 99.968+%
- Filter media: High performance electrostatic filter media
- Casing material: Polycarbonate



## Pressure feedback line filter

- Allows air and gases to pass through freely while blocking aqueous solution, bacterial, and aerosol contaminants
- Air flow resistance: less than  $175 \pm 5$  cmH<sub>2</sub>O at 20 L/min
- Filter media: 1.2  $\mu$ m modified acrylic copolymer cast on non-woven nylon support, with superior oleophobicity and hydrophobicity
- The water intrusion of the membrane is 6.1 – 9.8 psi
- Casing material: K-resin styrene butadiene copolymers
- Weight: 7 g



Part Number	Item	Box Quantity
51000300	Inspired Medical™ Low resistance viral / bacterial respiratory filter	100
51000400	Inspired Medical™ Pressure feedback line filter	300



# Accessories

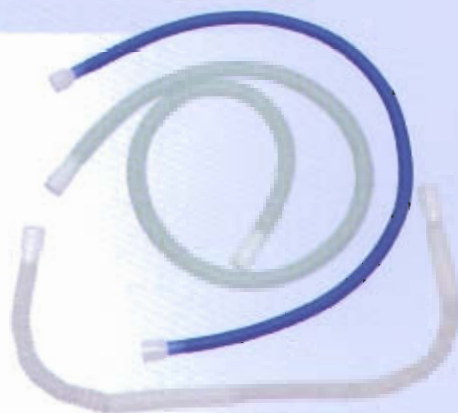
## Traditional latex pleated or latex-free pleated breathing bags

All bags are pleated, and include a 22mm female bushing and a straight adapter (P/N 50428500).



Part Number	Item	Box Quantity
50429000	Inspired Medical™ Breathing bag, latex, 0.5 liter, gray	200
50420800	Inspired Medical™ Breathing bag, latex, 1 liter, gray	100
50420300	Inspired Medical™ Breathing bag, latex, 2 liter, gray	100
50420900	Inspired Medical™ Breathing bag, latex, 3 liter, gray	100
50430400	Inspired Medical™ Breathing bag, latex-free, 0.5 liter, green	200
50430500	Inspired Medical™ Breathing bag, latex-free, 1 liter, green	100
50430600	Inspired Medical™ Breathing bag, latex-free, 2 liter, green	100
50430700	Inspired Medical™ Breathing bag, latex-free, 3 liter, green	100

## Spare limbs









Part Number	Item	Box Quantity
50427000	Spare limb, 15 mm x 1.0 meter drapable tubing (blue)	100
50427100	Spare limb, 22 mm x 1.5 meter drapable tubing (green)	100
50427200	Spare limb, 22 mm x 1.8 meter expandable tubing (clear)	100

# Components

Part Number	Item	Box Quantity	
50428300	Parallel wye	600	
51000800	Parallel wye with temperature port and port cap	600	
51000900	Parallel wye with 2 temperature ports and port caps	600	
50428800	Swivel Wye	600	
50429100	Swivel Wye with gas sampling port and port cap	600	
50428200	Bifurcated wye	600	
51000500	Bifurcated wye with temperature port and port cap	600	
51000700	Bifurcated wye with 2 temperature ports and port caps	600	
51002400	Bifurcated wye with temperature port, gas sampling port and port caps	600	

Part Number	Item	Box Quantity	
50428600	Paediatric bifurcated wye	900	
51002000	Paediatric bifurcated wye with temperature port and port cap	900	
51002100	Paediatric bifurcated wye with 2 temperature ports and port caps	900	
51002500	Paediatric bifurcated wye with temperature port, gas sampling port and port caps	900	
50428400	Outlet connector	900	
51001100	Outlet connector with temperature port and port cap	900	
50428700	Paediatric outlet connector	900	
51002200	Paediatric outlet connector with temperature port and port cap	900	
50428500	Straight adapter 22 mm male x 15 mm female / 22 mm male	900	
51001800	Patient elbow	900	
50429200	Patient elbow with pressure port and port cap	900	

# Components

Part Number	Item	Box Quantity	
51002700	Tubing clip	3000	
51002600	Tube hanger	500	
51001000	Pressure monitor elbow	800	
50428900	Threaded luer cap	800	
51000600	Temperature port cap	800	
50427300	Flex connector with 6" taper tubing	200	

## Segmented Coils



### Disposable aerosol tubing - Segmented Coils

Part Number	Diameter	Length	Color	Length per segment
50419700	22 mm	100' (30 m)	Clear	6"
50419800	22 mm	100' (30 m)	Blue	6"
50429500	15 mm	200' (60 m)	Clear	12"

# Certificates





**Vincent Medical Mfg. Co., Ltd.**

**Head office**

Flat B2, 7/F, Hang Fung Industrial Building, Phase 2,  
2G Hok Yuen Street, Hung Hom, Kowloon,  
Hong Kong

Tel : +852 2365 5688

Fax: +852 2765 8428

e-mail: [kk.tsang@vincent-roya.com](mailto:kk.tsang@vincent-roya.com)

Website: <http://www.vincentmedical.com>

**China factory**

Qiao Long District, Tang Xia Town,  
Dong Guan City, Guangdong Province,  
People's Republic of China

Postal Code: 523730

Tel : +86 (769) 794 8021

Fax: +86 (769) 794 8024