



INNOVATION FOR BETTER RESPIRATION

Innovation for best respiration



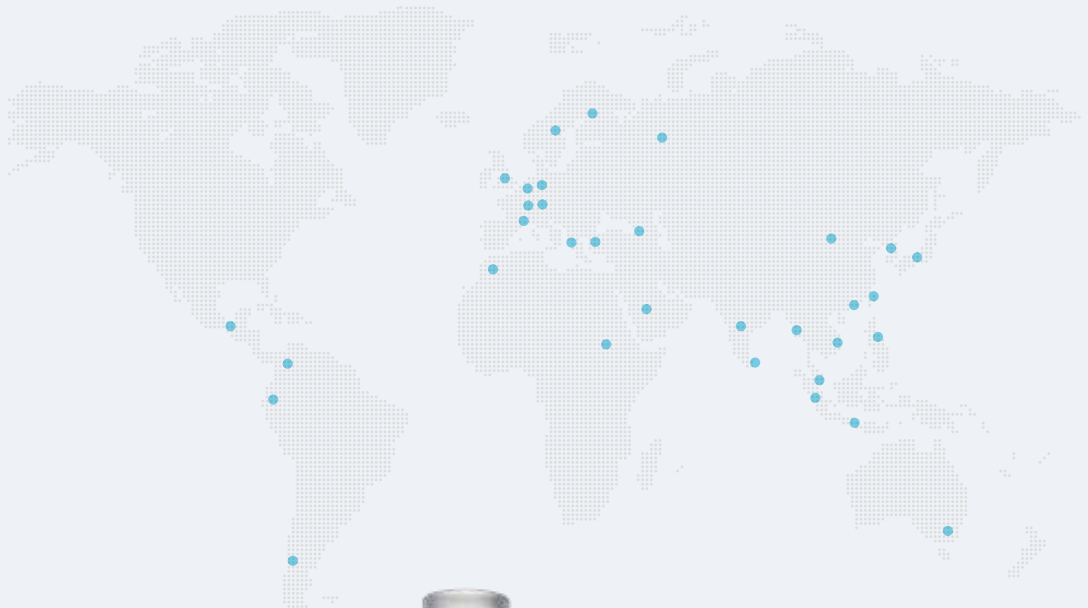
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INNOVATION FOR BETTER RESPIRATION

THE EXPERT OF
**FILTRATION AND
HUMIDIFICATION**

THE EXPERT OF FILTRATION AND HUMIDIFICATION

INTRODUCTION

GGM® was established by a strong team of respiratory experts and biomedical engineers. We are dedicated in providing high quality and innovative respiratory solutions to benefit patients and medical staffs in the world.

We are one of the few companies who provides full solution from passive humidification, active humidification to filtration for ventilator dependent patients.

Our Products includes:

- Nasal High Flow therapy system, **HUMIDOFLO™**, **GREATFLOW™**
- High flow therapy interfaces.
- Infant bubble CPAP system.
- Humidifiers / humidifier chamber.
- Heater wire circuits / non-heater wire circuits.
- HME / HME Filter / bacteria & virus filters/ HEPA Filter/ Spirometry filter/ CPAP & BiPAP filter.
- CPAP/BiPAP/NIV mask .



HISTORY

1996

Founded by Mr. Kevin Hung as a distributor of respiratory and physiological monitoring device in Taiwan.

2001

Commenced manufacturing & design of ventilation accessories.

2003

Established biomedical engineering department, started to provide technical maintenance services for hospitals in Taiwan.

2004

Launched physiological monitoring sensor & cables.

2006

Certified CE0434 and ISO13485.

2010

Moved to Dali plant, extend facility to 1000m², certified GMP. Extend production line for HME/HME filter, respiratory filters and heater wire circuits .

2011

Certified JPAL.

2012

Registered in Russia and South Korea, distributing GGM® products in over 30 countries. Launched humidifier series.

2014

Relocated in Changhua, Extend manufacturing facility to 4000m², include injection molding, tube extrusion and automatic assembly. Launched **HUMIDOFLO™**- high flow therapy system Launched infant bubble CPAP system.

2016

Received 2017 Taiwan excellence award for **HUMIDOFLO™**.

2017

Extend manufacturing facility to 7000 m², established overseas branch in Shenzhen, China. Global sales over 70 countries.

2018

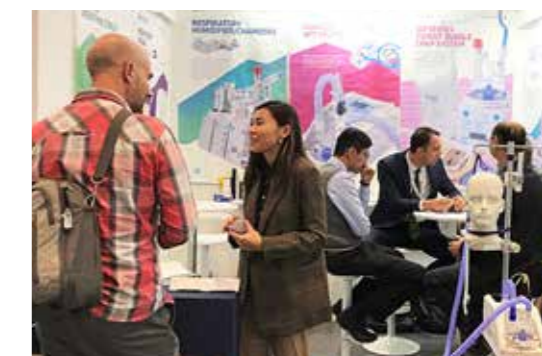
Added New floor to main building , 1 new dust free production area built. Added in 4 sizes of high flow nasal cannula.

2019

Introduction of new dual limb nasal cannula start registration of 510K.

2021

Won 2020 Dun & Bradstreet SME elite award MVP. Won Taiwan 24th rising star award.



THE EXPERT OF FILTRATION AND HUMIDIFICATION

QUALITY POLICY

GGM® is committed to achieving customer satisfaction through high quality products and customer care. We treat all customers as our family and friends, This will be achieved through:

- Stringent assurance of product quality.
- Prompt delivery, accurate information provision and close follow-up on queries and complaints.
- Continuous measurement and improvement of our performance.
- Ensuring that all employees are fully competent and aware of customer requirements.
- Compliance with ISO 13485, and the regulatory requirements of all our customer countries.

Quality
品質

Safety
安全

Satisfaction
客戶滿意



CERTIFICATIONS

FDA Listing

ISO13485 Certified Facility Under DNV Presafe

GMP Certified Facility Taiwan

JPAL Certified Facility Japan

CE Mark Certified Under DNV Presafe (Renewing)



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HFOT SYSTEM

CPAP SYSTEM

HUMIDIFIER

BREATHING CIRCUIT

FILTRATION

PARTS & ACCESSORIES

CE 2460

ISO 13485

CHINA

TAIWAN

RUSSIA

JAPAN

(Renewing)

HUMIDOFLO™ HIGH FLOW THERAPY SYSTEM

高流量治療系統

INTRODUCTION

產品簡介

Humidoflo™ represents a new stage of respiratory care. It provides heated and humidified flow up to 70L/min via a wide broad nasal cannula.

With **Humidoflo™**, patient can eat, drink and communicate during therapy. This allows a comfortable, effective delivery of humidified continuous high flow gas, blended with O2 up to 100%, creating an ideal solution for wide range of respiratory care patient.



ADVANTAGES

產品優勢

Humidoflo™ is a humidified high flow system designed to treat patients from ICU, EMS to long-term and palliative care with following features:

- Flow up to 70L/min are open for anesthesia purpose.
- Accurate provision of oxygen .
- Real time FiO2 display / FiO2 table installed.
- Real time temperature & flow display .
- Easy disinfection process .
- 3 stage alarm system.
- HR/SPO2 monitoring function.
- USB data collection.



HUMIDOFLO™ HIGH FLOW THERAPY SYSTEM

高流量治療儀



Specifications 規格

REF / 型號	HF-2900D (Diagnose)	HF-2900 (General)	
Function / 功能	Flow & Temp Setting	●	●
	Proximal Pressure	●	/
	FiO2	●	/
	SPO2	●	/
Warm-up time / 暖機時間	10 minutes to 30°C chamber, 30 minutes to 37°C chamber		
Flow Setting Range / 流量設定範圍	Adult mode: 15-70 L/min, step= 5L/min, Infant mode: 2-25 L/min, step= 1L/min		
Temperature Control / 溫度設定範圍	Adult airway: 37°C (setting range 32°C~41°C), Chamber: 34°C (setting range 31°C~37°C) Infant airway: 37°C (setting range 32°C~41°C), Chamber: 34°C (setting range 31°C~37°C)		
Oxygen % Measure / 氧氣濃度	21%-100% (±2.5+Flow* 2.5%)	/	
SPO2 Measure / 血氧偵測	35-100%	/	
HR Measure / 心跳偵測	35-250 BPM	/	
Alarm Parameters / 警報參數	Airway	● High alarm / Low alarm	● High alarm / Low alarm
	Chamber	● High alarm / Low alarm	● High alarm / Low alarm
	SPO2	● High alarm / Low alarm	/
	FiO2	● High alarm / Low alarm	/
Prox Pressure	●	/	
Recommended Ambient Temp / 建議環境溫度	18-28°C		
Dimensions / 尺寸	W350 x D180 x H170 mm		
Weight / 重量	2.54kg (w/o chamber fitted)		
Electrical Power / 電源	1) Supply voltage: 100V~120V (max3A) / 200V~240V (max2A) 2) Supply frequency: 50/60Hz 3) Heater wire capacity: 65W max 4) Heater plate capacity: 150W, 110°C max		
Heater Plate Overheat / 過熱保護	Cutoff: 115 ±3°C		
Standards / 符合標準	1) IEC/EN 60601-1, IEC/EN 60601-1-2, 2) ISO 80601-2-74		
Accessories / 隨附配件	Adult Nasal Cannula	● (S,M,L) x 1	● (S,M,L) x 1
	High Flow Circuits	● VA-4213-31	● VA-4213-31
	Spo2 Sensor	● Adult	/
	Heater Wire Adaptor	● HWA-2900 G01	● HWA-2900 G01
	Oxygen Adaptor Kit	●	●
Package / 包裝明細	1 set/carton #18		

HUMIDOFLO™ High Flow Nasal Cannula 高流量鼻導管

Nasal Cannula Set Feature 鼻導管組產品特色

With HUMIDOFLO™, patients can eat, drink and communicate during therapy. This allows comfortable, effective delivery of humidified, continuous high flow gas, blended with Oxygen up to 100%, creating an ideal solution for a wide range of respiratory failure patients.

Convertible nasal Cannula 可變換鼻導管 **PATENTED**

The two way switchable nasal cannula allows circuit connecting with cannula from left to right side offering best comfort during therapy.



Ultra-soft Nasal Prongs 超軟矽膠鼻管



Safety release buckle 安全按鈕夾

Adjustable Neck Strap 頭部調整帶

Infant Nasal Cannula

嬰兒高流量鼻套管組



Adjustable buckle 頭部固定釦帶

2-way connection



Hydrocolloid adhesive 親膚固定貼片



REF / 型號	HFN-1000	HFN-1001	HFN-1001-40	HFN-1003	HFN-1002	HFN-1002-40	HFN-1004
Cannula Size / 鼻管尺寸	Ø 2.5 mm	Ø 2.5 mm	Ø 2.5 mm	Ø 3.0 mm	Ø 3.5 mm	Ø 3.5 mm	Ø 4 mm
Septum Distance / 鼻間隔距離	3 mm	5 mm	5 mm	6 mm	7 mm	7 mm	/
Flow Range / 流量範圍	Humidoflo™	/	/	5-12 Lpm	5-18 Lpm	5-18 Lpm	10-20 Lpm
	HOFT	< 10 Lpm	< 10 Lpm	< 10 Lpm	< 15 Lpm	< 18 Lpm	< 25 Lpm
Tube Length / 梅花管長度	25cm	25cm	40cm	25cm	25cm	40cm	40cm
Color / 顏色	Yellow	Pink	Pink	Blue	Green	Green	Purple
Note / 備註	Narrow wing / 側翼縮小						
Aheadsive Metarial / 黏貼材質	Hydrocolloid						
Package / 包裝明細	90 sets (6 boxes x 15 sets) #1-1						

Adult Nasal Cannula

成人鼻套管組



REF / 型號	HFN-0001	HFN-0002	HFN-0003	HFN-0004
Specification / 規格		Adult/Child	Adult	Adult
Size / 尺寸	# S	# M	# L	# XL
Cannula Size / 鼻管尺寸	Ø 4 mm	Ø 5 mm	Ø 6 mm	Ø 7 mm
Flow Range / 流量範圍	Humidoflo™	10-30 Lpm	10-40 Lpm	15-55 Lpm
	HOFT	< 70 Lpm		
Color / 顏色	White	Light Purple	Dark Purple	Pink
Weight / 重量	38 g	38 g	38 g	39 g
Package / 包裝明細	150 sets (6 boxes x 25 sets) #1-1			

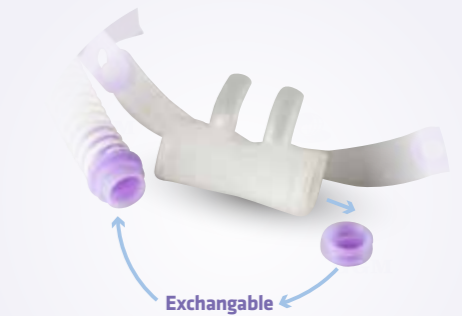


Inlet Exchangeable Nasal Cannula

交換式成人鼻套管組



REF / 型號	HFN-0011	HFN-0012	HFN-0013
Specification / 規格		Adult/Child	Adult
Size / 尺寸	# S	# M	# L
Cannula Size / 鼻管尺寸	Ø 5 mm	Ø 6 mm	Ø 7 mm
Flow Range / 流量範圍	Humidoflo™	10-30 Lpm	15-50 Lpm
	HOFT	< 70 Lpm	
Color / 顏色	White	Light Purple	Dark Purple
Weight / 重量	38 g	38 g	38 g
Package / 包裝明細	120 sets (6 boxes x 20 sets) #1-1		



Dual Limb Nasal Cannula

雙管成人鼻套管組



REF / 型號	HFN-0021	HFN-0022	HFN-0023	HFN-0024
Specification / 規格	Pediatric	Adult/Child	Adult	Adult
Size / 尺寸	# S	# M	# L	# XL
Cannula Size / 鼻管尺寸	Ø 4 mm	Ø 5 mm	Ø 6 mm	Ø 7 mm
Flow Range / 流量範圍	Humidoflo™	10-30 Lpm	10-45 Lpm	15-60 Lpm
	HOFT	< 80 Lpm		
Color / 顏色	White	Light Purple	Dark Purple	Pink
Weight / 重量	42 g	42 g	42 g	42 g
Package / 包裝明細	60 sets (6 boxes x 10 sets) #1-1			



Tracheostomy High Flow Interface

氣切介面

REF / 型號	HFN-0006	HFN-0007
Specification / 規格	Pediatric	Adult
Flow Range / 流量範圍	10-20 L/min	15-40 L/min



HUMIDOFLO™ OPTIONAL ACCESSORIES

Humidoflo™ represents a new stage of respiratory care. It provides heated and humidified flow up to 70 L/min via a wide broad nasal cannula.

With **Humidoflo™**, patient can eat, drink and communicate during therapy. This allows a comfortable, effective delivery of humidified continuous high flow gas, blended with O₂ up to 100%, creating an ideal solution for wide range of respiratory failure patient.

HUMIDOFLO™

高流量治療儀

REF / 型號	HF-2900D / HF-2900
Description / 內容	Please See P. 4 For Further Information 請參照P. 4內容

Heater Wire Adaptor

加熱轉接線

REF / 型號	HWA-2900G01
Description / 內容	HF-Type



SPO2 Sensor

SPO2傳感器



REF / 型號	F1009A-2
Description / 內容	Humidoflo™ Adult SPO2 Finger Clip Sensor 手指夾傳感器 (成人)
REF / 型號	HF-PS-2900208
Description / 內容	Humidoflo™ Infant SPO2 Finger Clip Sensor 手指夾傳感器 (嬰兒) (C0007H+SF1002P)



Oxygen Supply Kit

氧氣供應組

REF / 型號	FM-1050	FM-1070
Specification / 規格	50L	70L



Flow Meter Set

氧氣流量計

REF / 型號	SD-101500-3	SD-101500-4
Specification / 規格	50L	70L



Disposable Humidifier Chamber

拋棄式加濕瓶

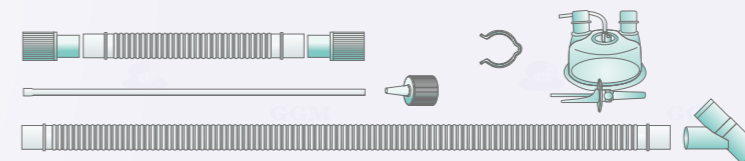
The **VH-3141-2** auto-feed chamber is designed especially for high flow therapy and can effectively enable gas to reach optimal humidity.



REF / 型號	VH-3141-2
Description / 內容	Disposable auto-feed humidifier chamber - HF type
Package / 包裝明細	50pcs/ctn, #7

HFT Breathing Circuit

高流量呼吸管路組



REF / 型號	VA-4213-31
Description / 內容	Disp. heated breathing circuit HF-type w/chamber
Package / 包裝明細	25pcs/ctn, #6

Consumables & Connectors

耗材和連接器

REF / 型號	HFN-PS-0014
Description / 內容	Connector for GGM high flow interface & F&P circuits



REF / 型號	HF-PS-2900207
Description / 內容	Oxygen tubing with adapter

REF / 型號	HF-PS-2900209
Description / 內容	Air filter



Trolley

車架

REF / 型號	VN-BD05
Description / 內容	Cart / Trolley for HF-2900 HF-2900 專用車架

Basket

置物籃

REF / 型號	VN-BD05-1
Description / 內容	Basket 車架置物籃



GREATFLOW™

高流量治療系統套組

Greatflow™ is a new alternative as it provides warmed humidified oxygen at high flow, and also has been shown to assist breathing and improve recovery.

In compare with **Humidoflo™**, **Greatflow™** is a combined system that includes an Air-Oxygen blender and a humidifier, providing a stable high flow oxygen source for hospital users. It is comfortable during use and more comfortable than standard (dry) oxygen via a facemask (Hudson type) or nasal prongs.



HUMIDOFLO™ Accessory 配件

Oxygen Supply Kit

氧氣供應組



REF / 型號	VN-BD07-DUAL
Description / 內容	Dual air / oxygen blender (2-18 Lpm / 0-70 Lpm) 1) 1ea x air gas hose 2) 1ea x O2 gas hose 3) 1ea x C-Clamp 4) 1ea x Oxygen adaptor (HU-2555)

Disposable Humidifier Chamber

拋棄式加濕瓶

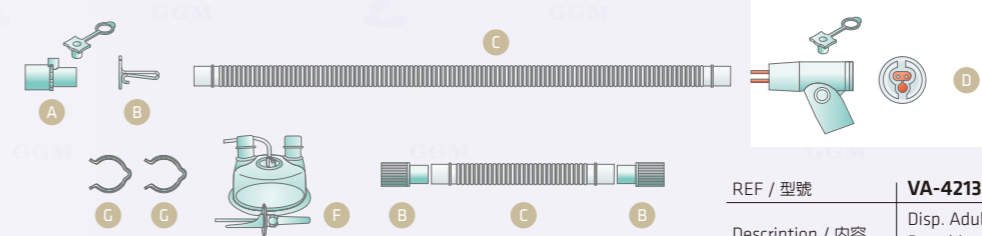
The new **VH-3141-2** high flow auto-feed chamber is designed especially for high flow therapy and can effectively enables gas to reach optimal humidity.



REF / 型號	VH-3141-2
Description / 內容	Disposable auto-feed humidifier chamber - HF type
Package / 包裝明細	50pcs/ctn , #7

HFOT Breathing Circuit

高流量呼吸管路組



REF / 型號	VA-4213-27 VA-4215-27 (Spiral)
Description / 內容	Disp. Adult corrugate heater wire Breathing circuit w/chamber
Package / 包裝明細	25pcs/ctn , #6

Humidifier

呼吸器用加濕器



REF / 型號	VH-2600A
Description / 內容	Please See P. 16 For Further Information 請參照P. 16內容



REF / 型號	VH-2600
Description / 內容	Please See P. 16 For Further Information 請參照P. 16內容

Trolley

車架

REF / 型號	VN-BD04
Description / 內容	Cart / Trolley for Greatflow 專用車架

Basket

置物籃

REF / 型號	VN-BD05-1
Description / 內容	Basket 車架置物籃



HFOT SYSTEM

CPAP SYSTEM

HUMIDIFIER

BREATHING CIRCUIT

FILTRATION

PARTS & ACCESSORIES



INFANT BUBBLE CPAP SYSTEM

嬰兒用氣泡式正壓通氣系統

INTRODUCTION

產品簡介

GGM® NP series infant bubble CPAP system, includes servo control humidifier, full ranges of nasal prong, bonnet, CPAP generator, heater wire circuit, pressure release safety valve.

Complete system for application of continuous positive airway pressure to neonates and infants by nasal prongs (NCPAP) administered with a heater wire circuit used in conjunction with a continuous flow source infant ventilator or a suitably equipped multipurpose ventilator.

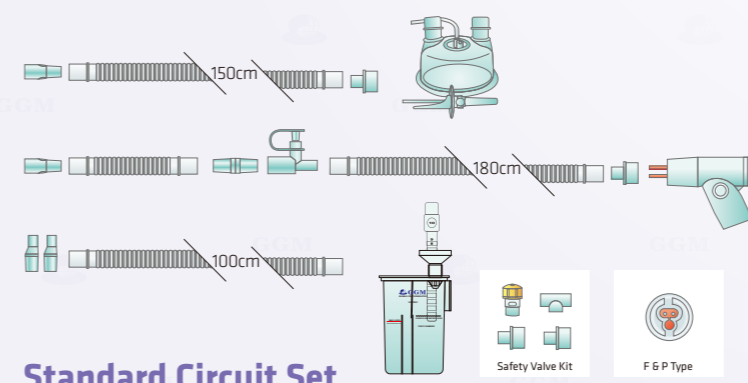
BUBBLE CPAP SYSTEM

氣泡式正壓通氣系統

Starting Kit

入門款組

REF / 型號	VN-BC02
Description / 內容	1* VH-2600A Servo control humidifier w/heater wire adaptor & temp. probe 5* Bubble CPAP circuit w/chamber 5* Safety valve kit 5* CPAP generator 5* Nasal prong kit (all size #00-#5) 5* Bonnet (all size: S,M,L)



Standard Circuit Set

標準管路組

REF / 型號	VN-BC01
Description / 內容	1* Bubble CPAP circuit w/chamber 1* Safety valve kit 1* CPAP generator
Package / 包裝	25sets/ctn



Trolley

車架

REF / 型號	VN-BD04
Description / 內容	Cart / trolley with support arm, with water bag arm

CPAP SYSTEM OPTIONAL ACCESSORIES / 選配件

Air / O2 Blender

空氣氧氣混合器

REF / 型號	Flow Range / 流量範圍	Accessories / 配件
VN-BD01	2-18LPM	
VN-BD02	5-50LPM	
VN-BD08	6-60 LPM	1) 1ea x Air gas hose
VN-BD01-DUAL	DUAL , 2-18LPM	2) 1ea x O2 gas hose
VN-BD02-DUAL	DUAL , 5-50LPM	3) 1ea x C-Clamp
VN-BD06	2-18LPM / 6-60LPM	4) 1ea x Oxygen adaptor (HU-2555)
VN-BD06-1	2-18LPM / 5-50LPM	5) 1ea x Oxygen tube (VH-P-VH-1161-003)
VN-BD07-DUAL	DUAL, 0-70LPM	
VN-BD09	01-1.0LPM / 1-10LPM	



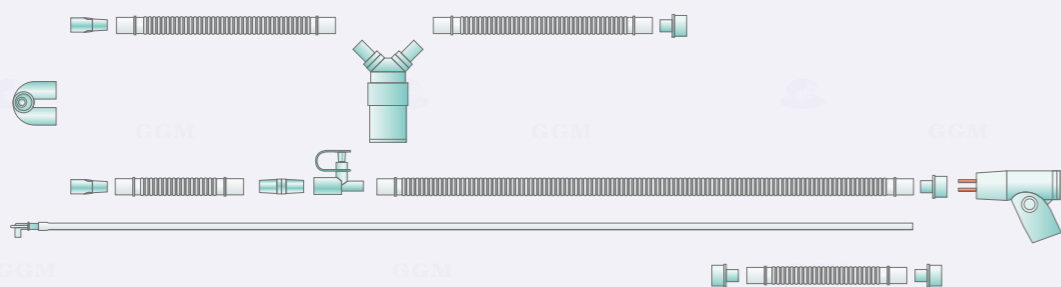
Dual Blender



Air/O2 Blender

Disposable Breathing Circuit

拋棄式呼吸管路組



REF / 型號	VA-4233-23
Description / 內容	Disp. Neonate Single heater circuit w/o chamber
Package / 包裝明細	50 sets/ctn, #6

CPAP Generator

CPAP 氣泡產生器

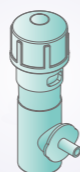
REF / 型號: **VN-CG01**



Safety Valve Kit

安全閥套件

REF / 型號: **VN-SV01**



CPAP SYSTEM OPTIONAL ACCESSORIES / 選配件

Head Bonnet

頭套



#L VN-HC03 #M VN-HC02 #S VN-HC01

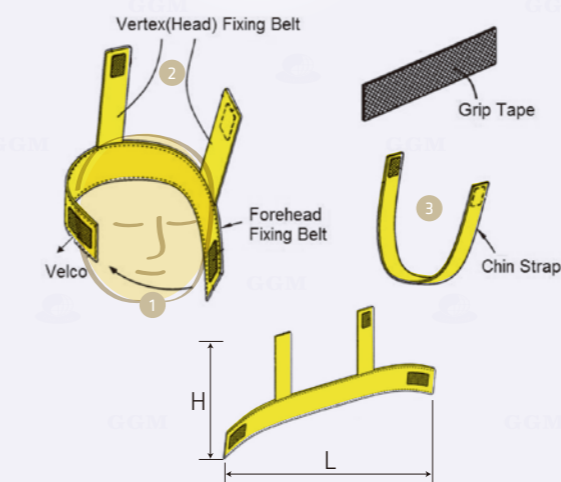
REF / 型號	Description / 內容	Package / 包裝明細
VN-HC01	Head / Bonnet #S	10 Pcs/Pack
VN-HC02	Head / Bonnet #M	
VN-HC03	Head / Bonnet #L	

Head Strap

頭帶

- Adjust Tightness Easily**
- ✓ Decrease the possibility of tube off and increase the treatment efficiency of Nasal CPAP.
 - ✓ Unnecessary to remove head cap when operating the Brain Sonography.
 - ✓ Increase the treatment area on head in phototherapy.
 - ✓ Time-saving to fix circuit and can reduce work burden.

PATENTED DESIGN



REF / 型號	Description / 內容	L / 長	H / 高	Package / 包裝明細
VN-HC04	Head strap #S (pink)	28cm	13cm	10 Pcs/Pack
VN-HC06	Head strap #M (yellow)	36cm	14cm	
VN-HC08	Head strap #L (blue)	46cm	17cm	

Nasal Prong

嬰兒鼻管



REF / 型號	Description / 內容	Package / 包裝明細
VN-0000	Nasal prong kit #00 < 500g	10 Pcs/Pack
VN-0001	Nasal prong kit #0(7.5fr) < 700g	
VN-0002	Nasal prong kit #1(10fr) 700~1250g	
VN-0003	Nasal prong kit #2(12.5fr) 1250~2000g	
VN-0004	Nasal prong kit #3(15fr) 2000~3000g	
VN-0005	Nasal prong kit #4(16fr) > 3000g	
VN-0006	Nasal prong kit #5(20fr) < 15kg	





VH-2600A Automatic Control Humidifier

自控型微電腦呼吸器用加濕器

REF / 型號	VH-2600A-115 / VH-2600A-230
Specification / 規格	H135 x D170 x W156 mm
Weight / 重量	2.9 kg (w/ Chamber fitted & filled with water)
Electrical power / 電源	1) Supply voltage : 230 ±23V or 115 ±12V 2) Supply frequency : 50~60 Hz 3) Heater wire capacity : 60W max 4) Heater plate capacity : 150W, 110°C max
Heater Plate Overheat / 過熱保護	Cutoff : 115 ±3°C
Temperature Control / 溫度設定範圍	1) Invasive Mode: Airway 40°C Chamber outlet 37°C 2) Non-invasive Mode: Airway 34°C Chamber outlet 31°C
Alarm Parameters / 警報參數	1) Airway: High alarm / Low alarm 2) Chamber: High alarm / Low alarm
Standards / 符合標準	1) IEC/EN 60601-1, IEC/EN 60601-1-2 2) ISO 80601-2-74
Accessories / 配件	1) HWP-73015 Temperature Probe 2) HWA-730F01 Heater Wire Adaptor
Package / 包裝明細	6 sets per carton, #5-1



VH-2100 General Purpose Humidifier

泛用型呼吸器用加濕器

- Appearance:**
- ✓ Stream-line design
 - ✓ Water drainage design
 - ✓ Compatible with other standard chambers
- 流線、排水設計，並相容於其他加濕瓶

REF / 型號	VH-2100-115 / VH-2100-230
Specification / 規格	H135 x D170 x W156 mm
Weight / 重量	1.5 kg (w/o Chamber fitted)
Electrical power / 電源	1) Heater plated capacity : 150W max 2) 230V ±23V 0.4A max. at 230V 3) 115V ±12V 0.8A max. at 115V
Heater Plate Overheat / 過熱保護	115°C ± 3°C
Temperature Control / 溫度設定範圍	From step 1 to step 9 Range 45°C ± 4°C to 77°C
Standards / 符合標準	1) IEC/EN 60601-1, IEC/EN 60601-1-2 2) ISO 80601-2-74
Accessories / 配件	VH-3144 Reu. Humidifier Chamber w/o Scroll
Package / 包裝明細	12 sets per carton, #5

VH-2600 Microprocessor Servo Control Humidifier

微電腦溫控呼吸器用加濕器



REF / 型號	VH-2600-115 / VH-2600-230
Specification / 規格	H135 x D170 x W156 mm
Weight / 重量	2.9 kg (w/ Chamber fitted & filled with water)
Electrical power / 電源	1) Supply voltage : 230 ±23V or 115 ±12V 2) Supply frequency : 50~60 Hz 3) Heater wire capacity : 60W max 4) Heater plate capacity : 150W, 110°C max
Heater Plate Overheat / 過熱保護	Cutoff : 115 ±3°C
Temperature Control / 溫度設定範圍	Set temperature range Airway 31~ 40°C Chamber 31~ 40°C Limit by +2 ~ -5°C from Airway
Alarm Parameters / 警報參數	1) Airway: High alarm / Low alarm 2) Chamber: High alarm / Low alarm
Standards / 符合標準	1) IEC/EN 60601-1, IEC/EN 60601-1-2 2) ISO 80601-2-74
Accessories / 配件	1) HWP-73015 Temperature Probe 2) HWA-730F01 Heater Wire Adaptor
Package / 包裝明細	6 sets per carton, #5-1

Disposable Humidifier Chamber

拋棄式加濕瓶

NEW



VH-3141-2
High flow auto-feed / 高流量自動給水



VH-3141
Auto-feed / 自動給水



VH-3140



VH-3148

REF / 型號	VH-3140	VH-3148 (500/150 ml)	
Water Level / 水位	150ml	500 ml	150 ml
Inlet/Outlet (mm) / 接頭尺寸	22M/22M	22M / 22M	
Compressible Volume Empty / 壓縮容積-空水位	325 ml	600 ml	
Compressible Volume Full / 壓縮容積-滿水位	175 ml	450 ml	
Maximum water capacity / 最高水位	150 ml	500 ml	150 ml
Heat conduction diameter / 熱傳導直徑	12.2 cm	12.2 cm	
Maximum peak flow / 最大流量	180 L/min	120 L/min	
Resistance(cmH2O) / 阻力	max. at 30 L/min 0.60	Max. at 50 L/min 0.65, Max. at 100 L/min 1.15	Max. at 50 L/min 0.20, Max. at 100 L/min 0.35
Compliance / 順應性	0.32 ml/cmH2O	0.67 ml /cm H2O	0.34 ml /cm H2O
Chassis diameter / 底盤直徑	12.2 cm	12.2 cm	
Material / 材質	K-reisin / P.P	K-reisin / P.P	
Weight / 重量	125 g	120 g	
Package / 包裝尺寸	50 pcs/ctn, #7	40 pcs/ctn, #7	

Reusable Humidifier Chamber

重覆式加濕瓶



VH-3142



VH-3144
w/o scroll / 無加濕圈



VH-3143
Pediatric / 小兒

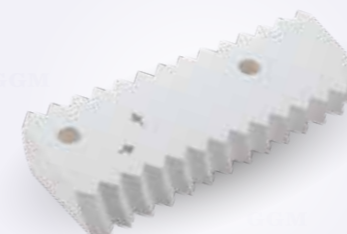


VH-3145

REF / 型號	VH-3142	VH-3143	VH-3144	VH-3145
Inlet/Outlet (mm) / 接頭尺寸	22M/22M	22M/22M	22F/22M	22F/22M
Compressible Volume Empty / 壓縮容積-空水位	315 ml	315 ml	420~700 ml	420~700 ml
Compressible Volume Full / 壓縮容積-滿水位	175 ml	175 ml	180 L/min	180 L/min
Maximum water capacity / 最高水位	150 ml	150 ml	300 ml	300 ml
Heat conduction diameter / 熱傳導直徑	12.2 cm	12.2 cm	12.2 cm	12.2 cm
Maximum peak flow / 最大流量	180 L/min	180 L/min	180 L/min	180 L/min
Resistance(cmH2O) / 阻力	max. at 30 L/min 0.15	max. at 30 L/min 0.15	max. at 30 L/min 0.60	max. at 30 L/min 0.60
Compliance / 順應性	0.32 ml/cmH2O	0.32 ml/cmH2O	0.6~0.8 ml/cmH2O	0.6~0.8 ml/cmH2O
Chassis diameter / 底盤直徑	Ø 12.2 cm	Ø 12.2 cm	Ø 12.2 cm	Ø 12.2 cm
Material / 材質	Polysulfone	Polysulfone	Polysulfone	Polysulfone
Option / 選配	/	/	/	VH-3140-1
Weight / 重量	400 g	380 g	450 g	480 g
Package / 包裝尺寸	40 pcs/ctn, #1-1	40 pcs/ctn, #1-1	32 pcs/ctn, #1-1	32 pcs/ctn, #1-1

Absorbent Paper

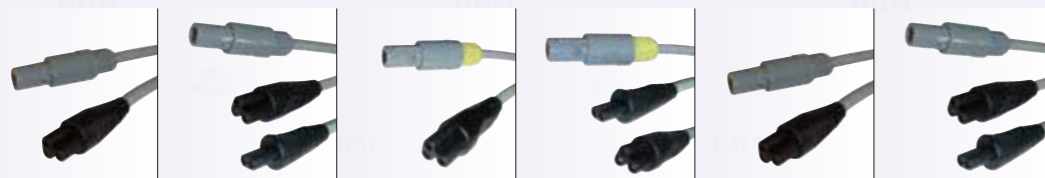
加濕紙



REF / 型號	VH-3140-1
REF: / 型號索引	VD-4011-071
Weight / 重量	290 g
Package / 包裝尺寸	100 sheets/pack

Heater Wire Adaptor (For Disposable Circuits)

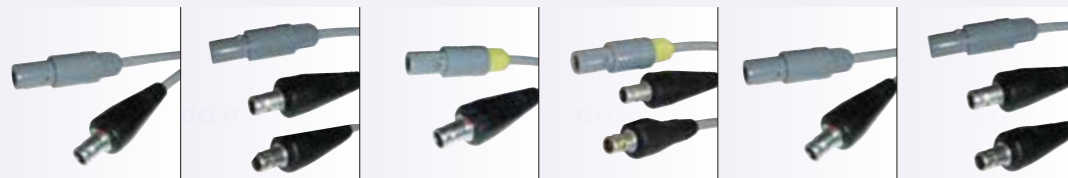
加熱轉接導線拋棄接頭



REF / 型號	HWA-730F01	HWA-730F02	HWA-850F01	HWA-850F02	HWA-2600F01	HWA-2600F02
Connector / 接頭	F&P	F&P	F&P	F&P	F&P	F&P
Tube / 管路(單/雙)	Single	Dual	Single	Dual	Single	Dual
Compatible / 相容	MR730	MR730	MR850	MR850	VH-2600(A)	VH-2600(A)
Weight / 重量	70 g	90 g	70 g	90 g	70 g	90 g

Heater Wire Adaptor (For Reusable Circuits)

加熱轉接導線重覆接頭



REF / 型號	HWA-730L01	HWA-730L02	HWA-850L01	HWA-850L02	HWA-2600L01	HWA-2600L02
Connector / 接頭	Lemo	Lemo	Lemo	Lemo	Lemo	Lemo
Tube / 管路(單/雙)	Single	Dual	Single	Dual	Single	Dual
Compatible / 相容	MR730	MR730	MR850	MR850	VH-2600(A)	VH-2600(A)
Weight / 重量	70 g	90 g	70 g	90 g	70 g	90 g

Heater Wire Adaptor (For Molex Circuits)

加熱轉接導線 MOLEX 接頭



REF / 型號	HWA-730M01	HWA-730M02	HWA-850M01	HWA-850M02
Connector / 接頭	Molex	Molex	Molex	Molex
Tube / 管路(單/雙)	Single	Dual	Single	Dual
Compatible / 相容	MR554	MR555	MR859	/
Weight / 重量	70 g	90 g	70 g	90 g

Disposable/ Reusable Double Type

重覆 / 拋棄雙轉接頭



REF / 型號	HWA-2600F01-L
Connector / 接頭	F&P to Lemo
Compatible / 相容	Heater wire adaptor DISPOSABLE TYPE
Weight / 重量	10 g

Reusable Heater Wire Assembly

重覆式加熱線



REF / 型號	HW-LR175	HW-LR145	HW-LR125	HW-LR115	HW-LR105
Material / 材質	Polysulfone	Polysulfone	Polysulfone	Polysulfone	Polysulfone
Connector / 接頭	LEMO 2pin	LEMO 2pin	LEMO 2pin	LEMO 2pin	LEMO 2pin
Tube / 呼吸管接口	22M	22M	22M	22M	22M
Chamber / 濕化瓶接口	22F	22F	22F	22F	22F
Heater wire / 加熱線	180 cm	150 cm	130 cm	120 cm	110 cm
Compatible / 相容	MR507	MR751	MR510	MR754	/
Weight / 重量	55 g	50 g	50 g	45 g	45 g

Temperature Probe

溫度探頭

REF / 型號	HWP-73011	HWP-73013	HWP-73015	HWP-73018	HWP-85015
Material / 材質	Reusable	Reusable	Reusable	Reusable	Reusable
Length / 長度	110 cm	130 cm	150 cm	180 cm	150 cm
Compatible / 相容	MR568	MR560	MR569	MR561	MR869
Weight / 重量	60 g	65 g	70 g	75 g	70 g



Disposable Airway Thermometer

拋棄式溫度計

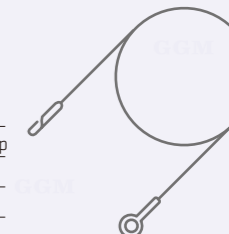
REF / 型號	HWT-0001
Description / 規格	For VH-2100
Compatible / 相容	900MR033



Draw Wire

引線器

REF / 型號	HWD-210
Material / 材質	Reusable Iron + pp
Length / 長度	210 cm
Compatible / 相容	MR071
Weight / 重量	30 g



Rail Bracket

滑軌掛架



REF / 型號	VH-PS-2100140
Compatible / 相容	MR088
Weight / 重量	140 g

C-Clamp

C 型掛架



REF / 型號	VH-PS-2100141
Compatible / 相容	MR170
Weight / 重量	255 g

Mounting Bracket

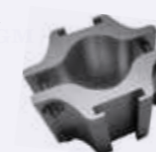
長型掛架



REF / 型號	VH-PS-2100142
Compatible / 相容	MR082
Weight / 重量	340 g

Dual Mounting Kit

雙邊掛架



REF / 型號	VH-PS-2100144
Weight / 重量	380 g

Mounting Kit

普通型掛架



REF / 型號	VH-PS-2100143
Compatible / 相容	MR086
Weight / 重量	45g

Mounting Kit

三節呼吸管架



REF / 型號	VH-PS-2100145
Weight / 重量	

Breathing Circuits, Anesthesia Circuits & Tubes

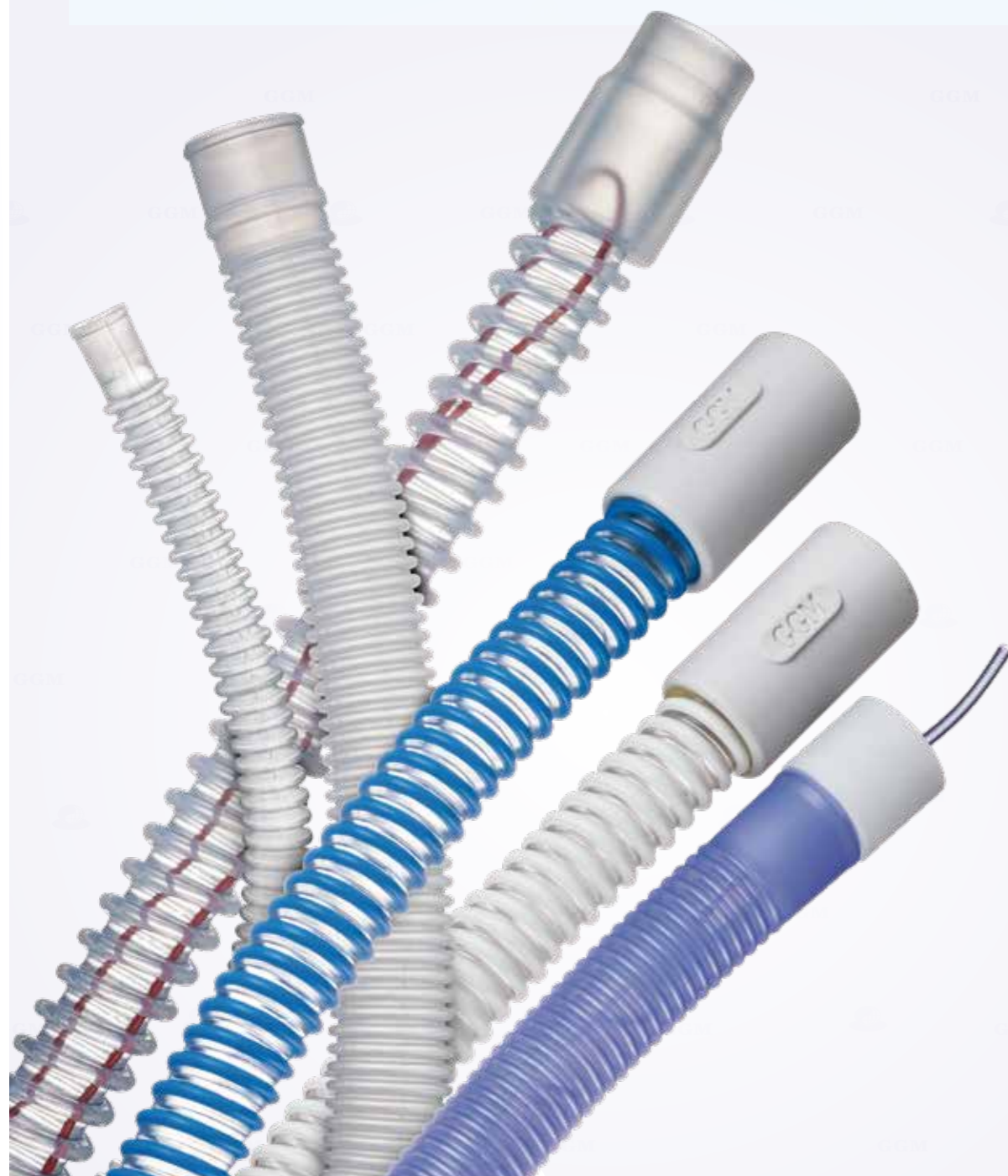
麻醉呼吸管路與管路組

INTRODUCTION

產品簡介

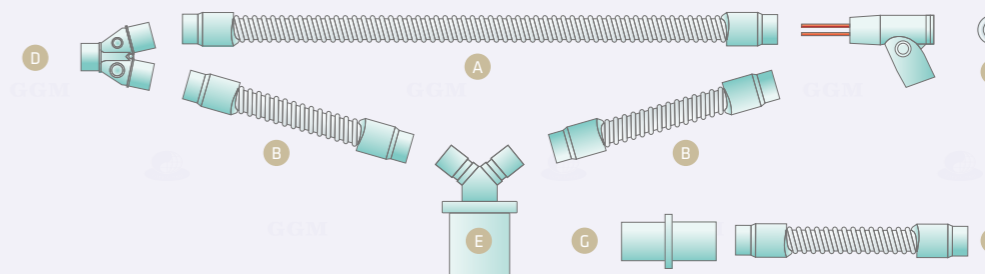
Full range of heater wire circuits are designed to provide balanced humidity with patient safety and reliability in mind.

The heater wires heat the air in the circuits to prevent rainout and to ensure continuous delivery of warm and humid air at an optimum level for the patients.



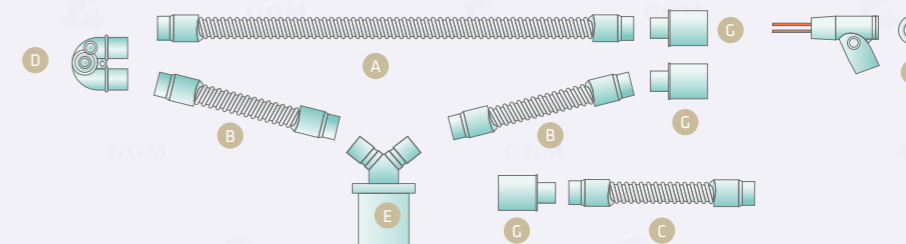
Reusable Silicone Breathing Circuit 重覆式矽膠呼吸管路組

Adult 成人



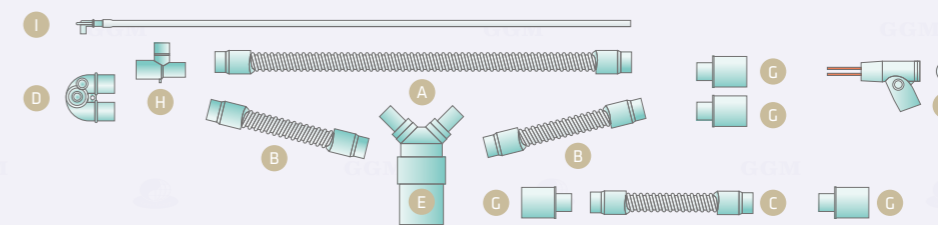
	REF / 型號	A	B	C	D	E	F	G	Q'TY	Carton No.
Heater Wire	VA-4013-01	150cm	75cm, 2pcs	60cm, 1pc	•	22M, 1pc	Single	22M/15F, 1pc	20/cs	#6
	VA-4013-02	150cm, 2pcs		60cm, 1pc	•		Dual	22M/15F, 1pc	20/cs	#6
Non Heater Wire	VA-4012-01	75cm, 2pcs	75cm, 2pcs	60cm, 1pc	•	22M, 2pcs		22M/15F, 1pc	20/cs	#6
	VA-4012-02	150cm, 1pc	75cm, 2pcs	60cm, 1pc	•	22M, 1pc		22M/15F, 1pc	20/cs	#6
	VA-4012-03	150cm, 2pcs		60cm, 1pc	•			22M/15F, 1pc	25/cs	#6
	VA-4012-04	60cm, 2pcs	60cm, 2pcs	60cm, 1pc	•	22M, 2pcs		22M/15F, 1pc	20/cs	#5
	VA-4012-05	60cm, 2pcs	60cm, 2pcs		•	22M, 2pcs		22M/15F, 1pc	20/cs	#6

Pediatric 小兒



	REF / 型號	A	B	C	D	E	F	G	Q'TY	Carton No.
Heater Wire	VA-4023-01	130cm	60cm, 2pcs	60cm, 1pc	•	22M, 1pc	Single	22F, 4pcs	30/cs	#6
	VA-4023-02	130cm, 2pcs		60cm, 1pc	•		Dual	22F, 3pcs	30/cs	#6
Non Heater Wire	VA-4022-01	60cm, 2pcs	60cm, 2pcs	60cm, 1pc	•	15M, 2pcs		22F, 4pcs	30/cs	#6
	VA-4022-02	130cm, 1pc	60cm, 2pcs	60cm, 1pc	•	15M, 1pc		22F, 4pcs	30/cs	#6
	VA-4022-03	130cm, 2pcs		60cm, 1pc	•			22F, 4pcs	30/cs	#6

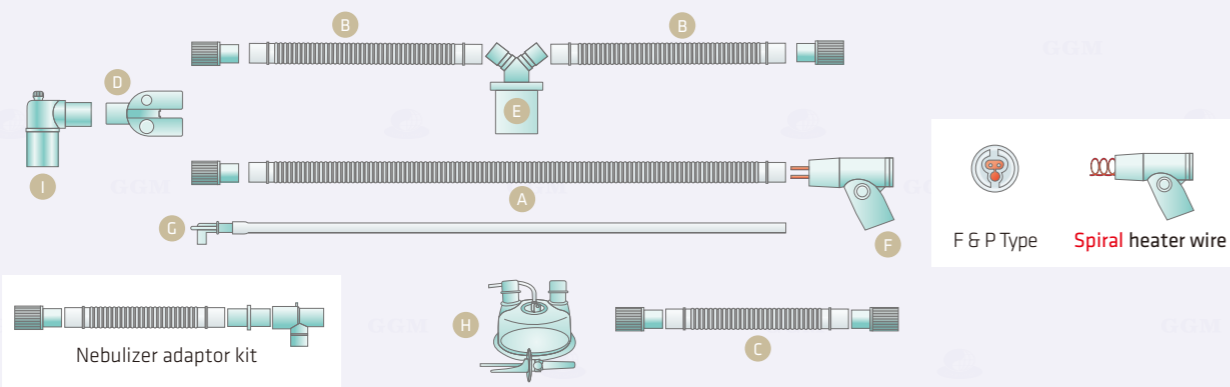
Neonate 新生兒



	REF / 型號	A	B	C	D	E	F	G	H	I	Q'TY	Carton No.
Heater Wire	VA-4033-01	130cm	60cm, 2pcs	60cm, 1pc	•	10M, 1pc	Single	10M,22M/15F, 4pcs	•		30/cs	#5
	VA-4033-02	130cm, 2pcs		60cm, 1pc	•		Dual	10M,22M/15F, 3pcs	•		30/cs	#5-1
	VA-4033-03	110cm, 30cm	130cm	60cm, 1pc	•		Dual	10M,22M/15F, 3pcs	•		30/cs	#5-1
Non Heater Wire	VA-4032-01	60cm, 2pcs	60cm, 2pcs	60cm, 1pc	•	10M, 2pcs		10M,22M/15F, 4pcs		•	30/cs	#5
	VA-4032-02	130cm, 1pc	60cm, 2pcs	60cm, 1pc	•	10M, 1pc		10M,22M/15F, 1pc		•	30/cs	#5
	VA-4032-03	130cm, 2pcs		60cm, 1pc	•			10M,22M/15F, 1pc		•	30/cs	#5-1
	VA-4032-04	110cm, 1pc	60cm, 2pcs	45cm, 2pcs	•	10M, 1pc		10M,22F, 2pcs			25/cs	#5-1

Disposable Corrugate Heater Wire Breathing Circuit 拋棄式加熱線呼吸管路組

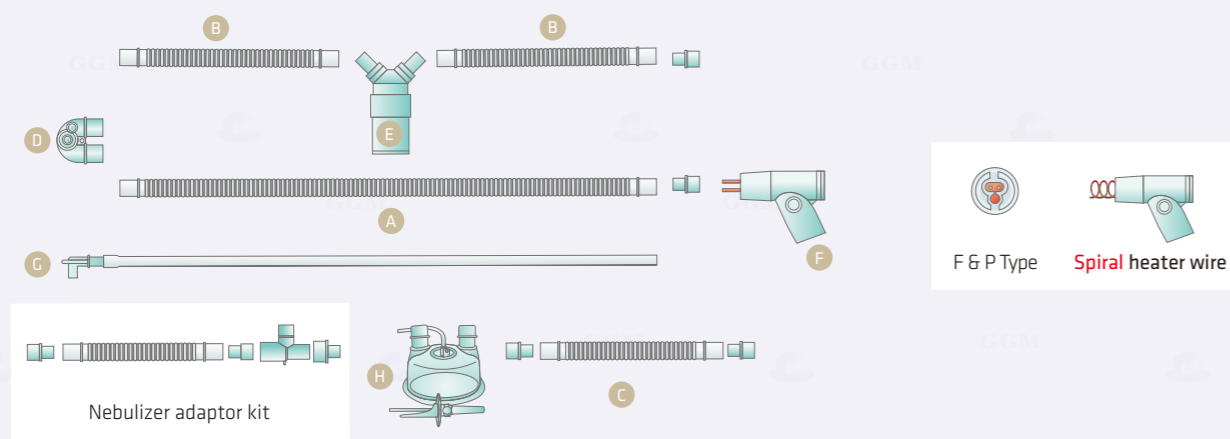
Adult 成人



REF / 型號	Type	A	B	C	D	E	F	G	H	I	Compatible	Q'TY	Carton No.
VA-4213-21	F&P	150cm, 1pc	75cm, 2pcs	60cm, 1pc	•	22M, 1pc	Single			•		20/pc	#6
VA-4213-22	F&P	150cm, 1pc	150cm, 1pc	60cm, 1pc	•		Dual	•		•		25/pc	#6
VA-4213-23	F&P	180cm, 1pc	90cm, 2pcs	60cm, 1pc	•	22M, 1pc	Single	•		•		20/pc	#6
VA-4213-24	F&P	150cm, 1pc	150cm, 1pc	60cm, 1pc	•		Dual	•	•	•	RT200	20/pc	#6
VA-4213-25	F&P	150cm, 1pc	75cm, 2pcs	60cm, 1pc	•	22M, 1pc	Single	•	•	•	RT205	20/pc	#6
VA-4213-26	F&P	150cm, 1pc	75cm, 2pcs	60cm, 1pc	•	22M, 1pc	Single		•	•	RT206	20/pc	#6
VA-4213-27	F&P	150cm, 1pc		60cm, 1pc			Single		•		RT202	25/pc	#6
VA-4213-29	F&P	150cm, 1pc			•		Single		•		RT308	30/pc	#6
VA-4213-31	GGM	150cm, 1pc		30cm, 1pc			Single	•				25/pc	#6

Option: Smoothbore embedded heater wire **EX.VA-4214-11**, Spiral heater wire **EX. VA-4215-11**, Nebulizer adaptor kit : **EX.VA-4213-11-N**

Pediatric 小兒

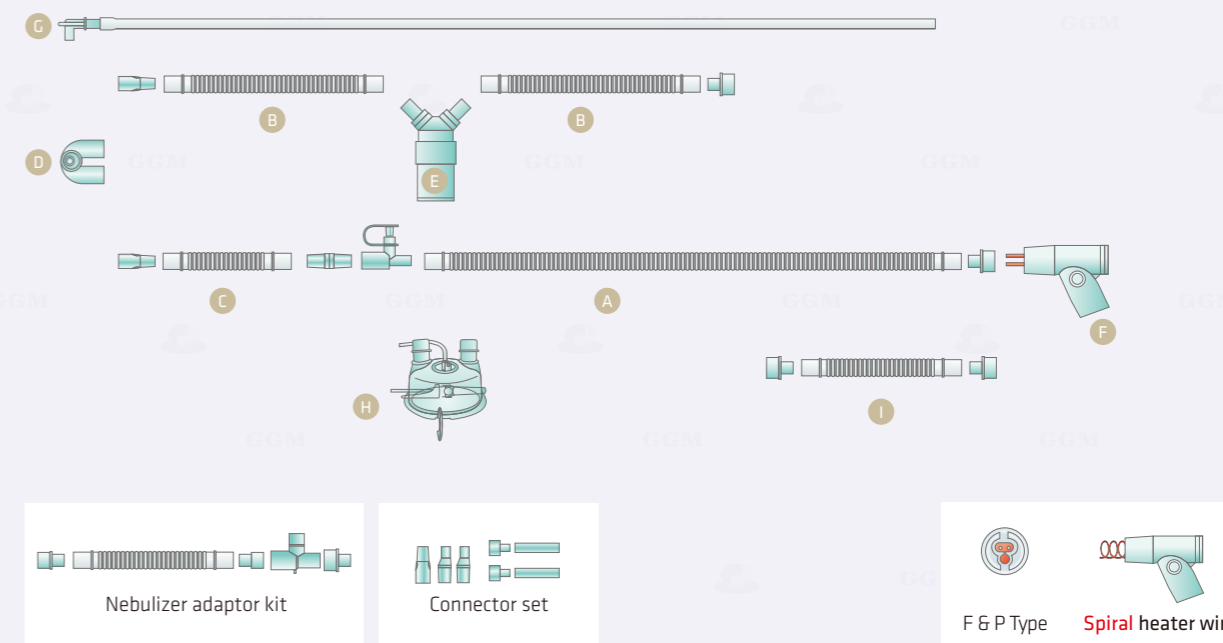


REF / 型號	Type	A	B	C	D	E	F	G	H	I	Compatible	Q'TY	Carton No.
VA-4223-21	F&P	130cm, 1pc	60cm, 2pcs	60cm, 1pc	•	15M, 1pc	Single	•				25/pc	#5
VA-4223-22	F&P	130cm, 1pc	130cm, 1pc	60cm, 1pc	•		Dual	•				20/pc	#5-1
VA-4223-23	F&P	130cm, 1pc	60cm, 2pcs	60cm, 1pc	•	15M, 1pc	Single	•	•			25/pc	#6
VA-4223-24	F&P	130cm, 1pc	130cm, 1pc	60cm, 1pc	•		Dual	•	•			25/pc	#6

Option: Smoothbore embedded heater wire **EX.VA-4224-11**, Spiral heater wire **EX. VA-4225-11**, Nebulizer adaptor kit : **EX.VA-4223-11-N**

Disposable Corrugate Heater Wire Breathing Circuit 拋棄式加熱線呼吸管路組

Neonate 新生兒



REF / 型號	Type	A	B	C	D	E	F	G	H	I	Compatible	Q'TY	Carton No.
VA-4233-13	Molex	110cm, 1pc	60cm, 2pcs	30cm, 1pc	•	22M, 1pc	Single	•		60cm, 1pc		20/pc	#6
VA-4233-14	Molex	110cm, 1pc	130cm, 1pc	30cm, 1pc	•		Dual	•		60cm, 1pc		25/pc	#6
VA-4233-21	F&P	130cm, 1pc	60cm, 2pcs		•	22M, 1pc	Single	•		60cm, 1pc		40/pc	#6
VA-4233-22	F&P	130cm, 1pc	130cm, 1pc		•		Dual	•		60cm, 1pc		20/pc	#6
VA-4233-23	F&P	110cm, 1pc	60cm, 2pcs	30cm, 1pc	•	22M, 1pc	Single	•		60cm, 1pc	RT125/126	50/pc	#6
VA-4233-24	F&P	110cm, 1pc	130cm, 1pc	30cm, 1pc	•		Dual	•		60cm, 1pc		20/pc	#6
VA-4233-25	F&P	130cm, 1pc	60cm, 2pcs		•	22M, 1pc	Single	•	•	60cm, 1pc		25/pc	#6
VA-4233-26	F&P	130cm, 1pc	130cm, 1pc		•		Dual	•	•	60cm, 1pc		25/pc	#6
VA-4233-27	F&P	110cm, 1pc	60cm, 2pcs	30cm, 1pc	•	22M, 1pc	Single	•	•	60cm, 1pc	RT225/226	25/pc	#6
VA-4233-28	F&P	110cm, 1pc	130cm, 1pc	30cm, 1pc	•		Dual	•	•	60cm, 1pc	RT235/236	20/pc	#6
VA-4233-27-SLE	F&P	110cm, 1pc	60cm, 3pcs	30cm, 1pc	•	22M, 2pc	Single	•	•	60cm, 1pc	SLE2000	25/pc	#6
VA-4233-28-SLE	F&P	110cm, 1pc	130cm, 2pc	30cm, 1pc	•		Dual	•	•	60cm, 1pc	SLE2001	25/pc	#6

Option: Spiral heater wire **EX. VA-4235-11**, Nebulizer adaptor kit : **EX.VA-4233-11-N**, SLE connector : **EX. VA-4233-27-SLE**

BREATHING CIRCUIT

麻醉呼吸管路與管路組



HFOT SYSTEM

CPAP SYSTEM

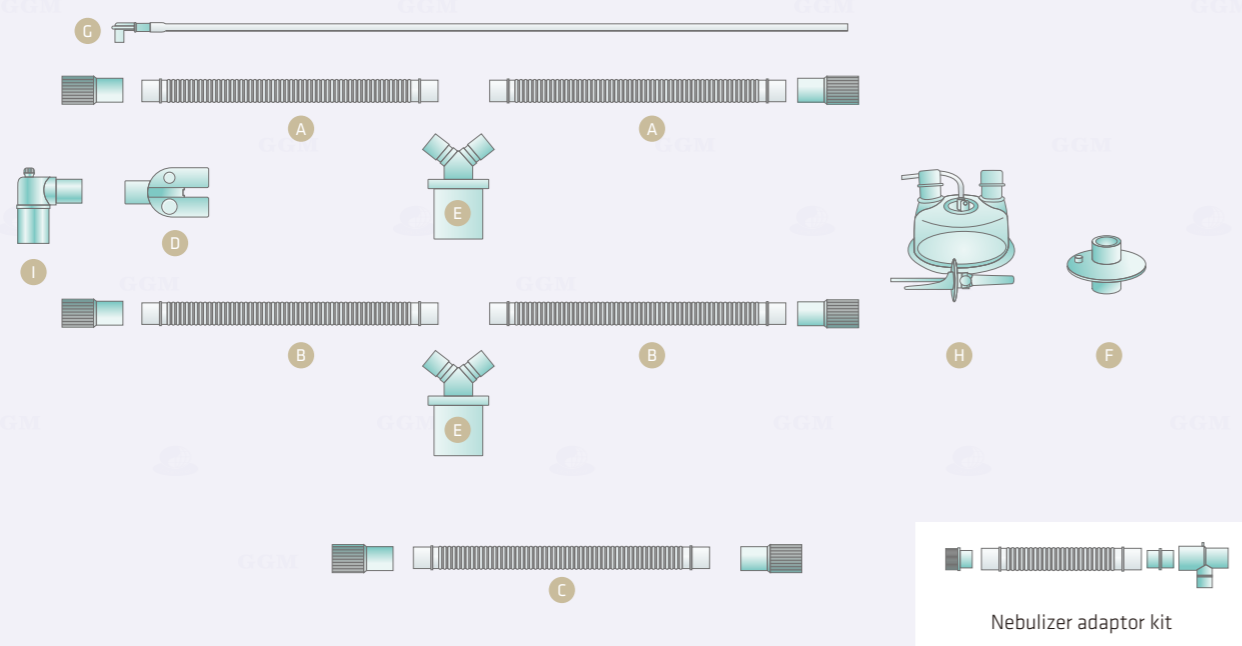
HUMIDIFIER

BREATHING CIRCUIT

FILTRATION

PARTS & ACCESSORIES

Disposable Breathing Circuit 拋棄式呼吸管路組



Adult 成人

REF / 型號	A	B	C	D	E	F	G	H	I	Q'TY	Carton No.
VA-4212-01	75cm, 2pcs	75cm, 2pcs	60cm, 1pc	•	22M, 2pcs	•	•	•	•	20/pc	#6
VA-4212-02	75cm, 2pcs	75cm, 2pcs	60cm, 1pc	•	22M, 2pcs	•		•	•	20/pc	#6
VA-4212-03	150cm, 1pc	150cm, 1pc	60cm, 1pc	•					•	20/pc	#6
VA-4212-04	75cm, 2pcs	75cm, 2pcs	60cm, 1pc	•	22M, 2pcs		•		•	20/pc	#6
VA-4212-05	150cm, 1pc	75cm, 2pcs	60cm, 1pc	•	22M, 1pc				•	20/pc	#6
VA-4212-06	75cm, 2pcs	75cm, 2pcs	60cm, 1pc	•	22M, 2pcs				•	25/pc	#6

Pediatric 小兒

REF / 型號	A	B	C	D	E	F	G	H	I	Q'TY	Carton No.
VA-4222-01	60cm, 2pcs	60cm, 2pcs	60cm, 1pc	•	15M, 2pcs				•	40/pc	#6
VA-4222-02	60cm, 2pcs	60cm, 2pcs	60cm, 1pc	•	15M, 2pcs	•	•	•	•	25/pc	#6
VA-4222-03	130cm, 1pc	130cm, 1pc	60cm, 1pc	•					•	50/pc	#6
VA-4222-04	130cm, 1pc	130cm, 1pc	60cm, 1pc	•			•		•	50/pc	#6
VA-4222-05	130cm, 1pc	60cm, 2pcs	60cm, 1pc	•	15M, 1pc		•		•	40/pc	#6

Neonate 新生兒

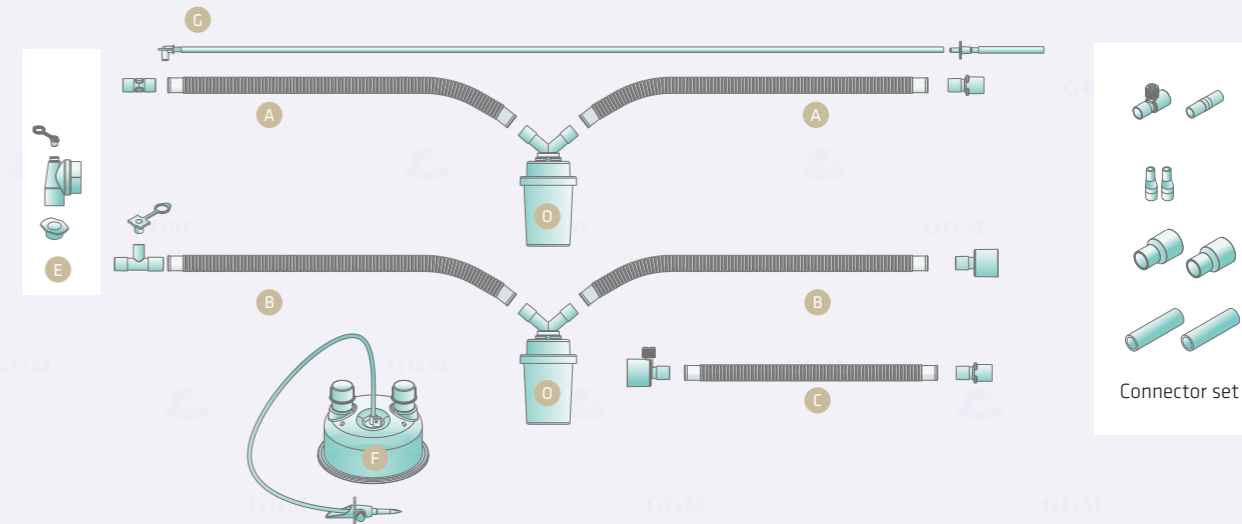
REF / 型號	A	B	C	D	E	F	G	H	I	Q'TY	Carton No.
VA-4232-01	60cm, 2pcs	60cm, 2pcs	60cm, 1pc	•	10M, 2pcs		•		•	50/pc	#6
VA-4232-02	130cm, 1pc	60cm, 2pcs	60cm, 1pc	•	10M, 1pc		•		•	50/pc	#6
VA-4232-03	130cm, 1pc	130cm, 1pc	60cm, 1pc	•			•		•	50/pc	#6

Option: Smoothbore embedded heater wire **EX.VA-4214-01**, Spiral heater wire **EX. VA-4215-01**, Nebulizer adaptor kit : **EX.VA-4212-01-N**.

Disposable Pediatric Breathing Circuit 拋棄式小兒呼吸管路組

NEW

Non Heater Wire

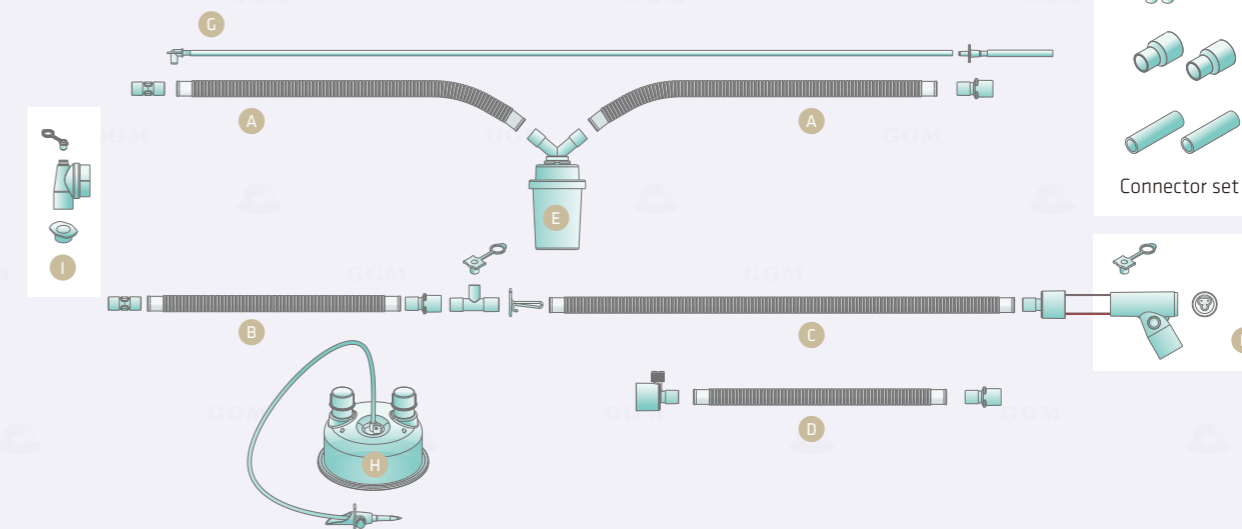


REF / 型號	Type	A	B	C	D	E	F	G	Connector set	Q'TY	Carton No.
VA-4252-1	Non Heater Wire	75cm, 2pcs	75cm, 2pcs	60cm, 1pc	12M, 2pcs	•	•	•	•	25/pc	#6
VA-4253-1	Non Heater Wire	75cm, 2pcs	130cm, 1pc	60cm, 1pc	12M, 1pcs	•	•	•	•	25/pc	#6
VA-4254-1	Non Heater Wire	130cm, 1pc	130cm, 1pc	60cm, 1pc		•	•	•	•	25/pc	#6

Disposable Breathing Circuit 拋棄式加熱線呼吸管路組

NEW

Heater Wire



REF / 型號	Type	A	B	C	D	E	F	G	H	I	Connector set	Compatible	Q'TY	Carton No.
VA-4253-2	F&P	60cm, 2pc	30cm, 1pc	110cm, 1pc	60cm, 1pc	12M, 1pc	Straight	•	•	•	•		25/pc	#6
VA-4253-3	F&P	60cm, 2pc	30cm, 1pc	110cm, 1pc	60cm, 1pc	12M, 1pc	Spiral	•	•	•	•	RT225, RT226	25/pc	#6
VA-4254-2	F&P	130cm, 1pc	30cm, 1pc	110cm, 1pc	60cm, 1pc		Straight	•	•	•	•		25/pc	#6
VA-4254-3	F&P	130cm, 1pc	30cm, 1pc	110cm, 1pc	60cm, 1pc		Spiral	•	•	•	•	RT235, RT236	25/pc	#6
VA-4253-3-SLE	F&P, SLE restrictor	60cm, 2pc	30cm, 1pc	110cm, 1pc	60cm, 1pc	12M, 1pc	Spiral	•	•	•	•	RT227, SLE2000	25/pc	#6
VA-4254-3-SLE	F&P, SLE restrictor	130cm, 1pc	30cm, 1pc	110cm, 1pc	60cm, 1pc		Spiral	•	•	•	•	SLE2000	25/pc	#6

HFOT SYSTEM

CPAP SYSTEM

HUMIDIFIER

BREATHING CIRCUIT

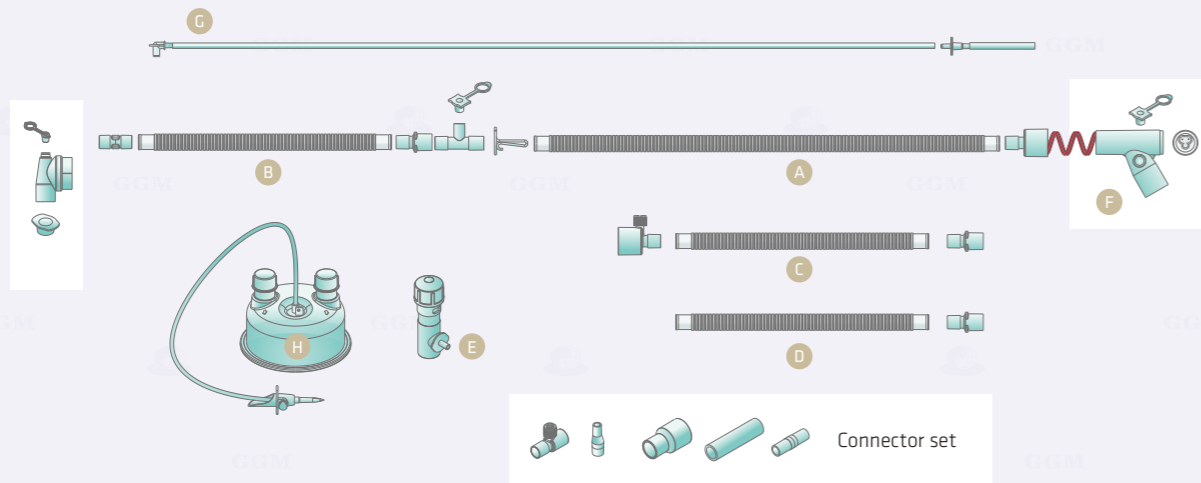
FILTRATION

PARTS & ACCESSORIES

Disposable Breathing Circuit 拋棄式單管呼吸管路組

NEW

Single Limb Circuit



REF / 型號	Type	A	B	C	D	E	F	G	H	Connector set	Compatible	Q'TY	Carton No.
VA-4255-1	/	60cm, 2pc	15cm, 1pc	60cm, 1pc	60cm, 1pc	Exhalation valve	Non-heater wire	•	•	/	/	25/pc	#6
VA-4255-2	F&P	110cm, 1pc	30cm, 1pc	/	/	Safety Valve Kit	Spiral	•	•	•	RT329	25/pc	#6
VA-4255-3	F&P	110cm, 1pc	30cm, 1pc	60cm, 1pc	60cm, 1pc	/	Spiral	•	•	•	RT224, RT324	25/pc	#6

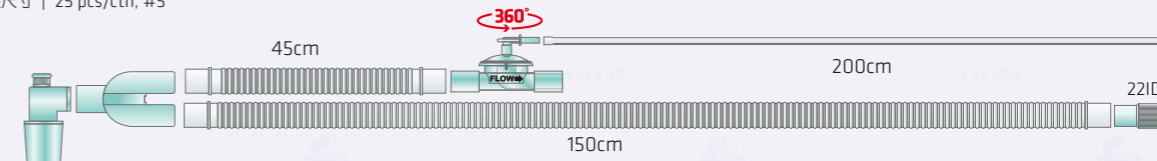
Neonatal Resuscitation Circuit 新生兒呼吸管路組



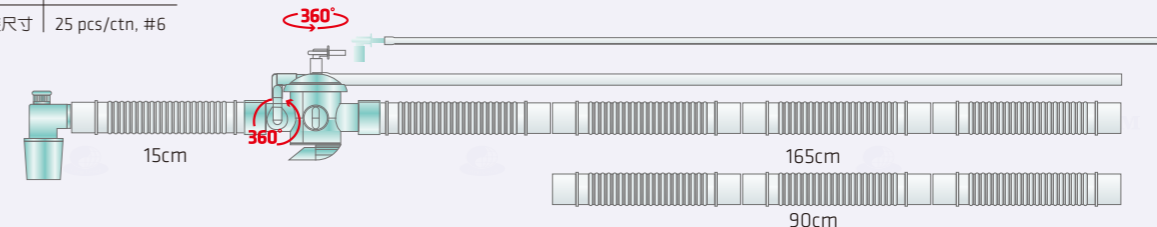
REF / 型號	Description / 內容
FM-1511001	10mm neonatal resuscitation circuit blue, 1.0m length
FM-1511003	10mm neonatal resuscitation circuit pink, 1.5m length

Disposable Single Limb Ventilator Circuit 單管呼吸管路組

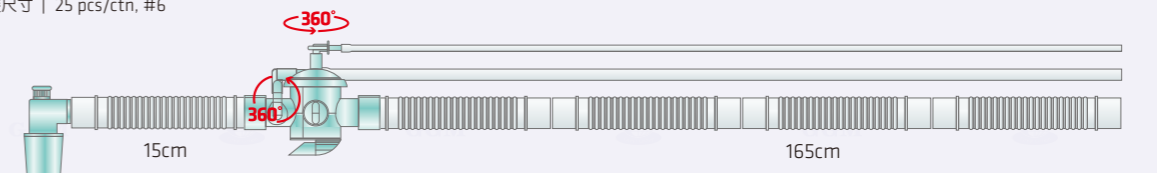
REF: / 型號: **VA-4432-01**
 Package / 包裝尺寸: 25 pcs/ctn, #5



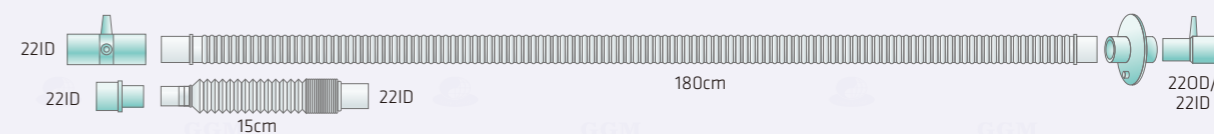
REF: / 型號: **VD-212000**
 Package / 包裝尺寸: 25 pcs/ctn, #6



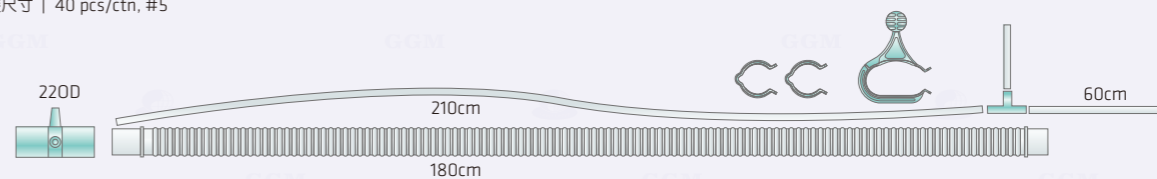
REF: / 型號: **VD-213000**
 Package / 包裝尺寸: 25 pcs/ctn, #6



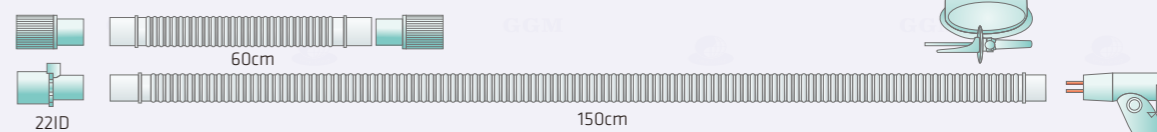
REF: / 型號: **VA-4432-02**
 Package / 包裝尺寸: 20 pcs/ctn, #5



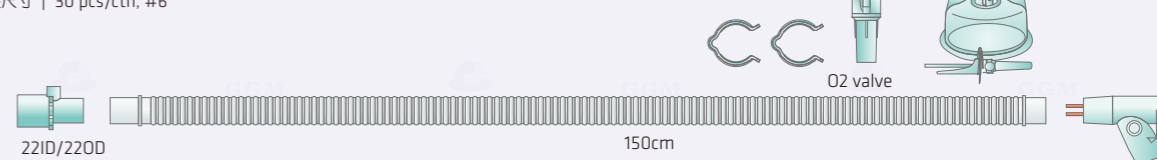
REF: / 型號: **VA-4432-03, VA-4432-04, VA-4432-07** * VA-4432-04 w/ water trap, VA-4432-07 w/ bacterial filter
 Package / 包裝尺寸: 40 pcs/ctn, #5



REF: / 型號: **VA-4213-27, VA-4432-05** * VA-4213-27 w/ heater wire, VA-4432-05 w/o heater wire
 Package / 包裝尺寸: 25 pcs/ctn, #6



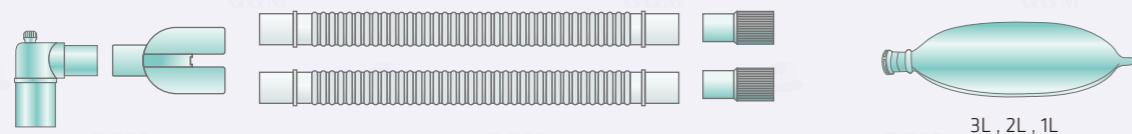
REF: / 型號: **VA-4213-29, VA-4432-06** * VA-4213-29 w/ heater wire, VA-4432-06 w/o heater wire
 Package / 包裝尺寸: 30 pcs/ctn, #6



Anesthesia Circuit

麻醉呼吸管路組

Corrugate Tubing 波紋管

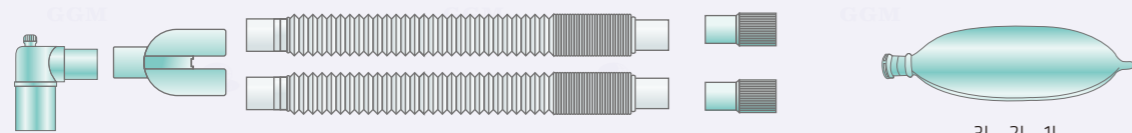


3L, 2L, 1L

REF / 型號	Applicable	Y piece	Tube	Straight Connection	Bag	Package
VA-4412-01	Adult	22M, 22M/15F	150 cm	22M,22F	3L	40pcs / #5
VA-4412-02	Adult	22M, 22M/15F	100 cm	22M,22F	3L	40pcs / #5
VA-4412-03	Adult	22M, 22M/15F	180 cm	22M,22F	1L	40pcs / #5
VA-4412-04	Adult	22M, 22M/15F	180 cm	22M,22F	2L	40pcs / #5
VA-4412-05	Adult	22M, 22M/15F	180 cm	22M,22F	3L	40pcs / #5
VA-4412-06	Adult	22M, 22M/15F	150 cm	22M,22F	2L	40pcs / #5
VA-4412-07	Adult	22M, 22M/15F	90 cm	22M,22F	3L	40pcs / #5
VA-4412-08	Adult	22M, 22M/15F	90 cm	22M,22F	1L	40pcs / #5
VA-4422-01	Pediatric	15F,15M	150 cm	15M,22F	2L	40pcs / #5
VA-4422-02	Pediatric	15F,15M	100 cm	15M,22F	2L	40pcs / #5
VA-4422-03	Pediatric	15F,15M	180 cm	15M,22F	1L	40pcs / #5
VA-4422-04	Pediatric	15F,15M	180 cm	15M,22F	2L	40pcs / #5
VA-4422-05	Pediatric	15F,15M	130 cm	15M,22F	1L	40pcs / #5
VA-4422-06	Pediatric	15F,15M	120 cm	15M,22F	1L	40pcs / #5
VA-4422-07	Pediatric	15F,15M	150 cm	15M,22F	1L	40pcs / #5
VA-4422-08	Pediatric	15F,15M	300 cm	15M,22F	1L	40pcs / #5

Option: Catheter mount / HMEF / Bacterial filter, Note when order.

Expandable Tubing 折疊管



3L, 2L, 1L

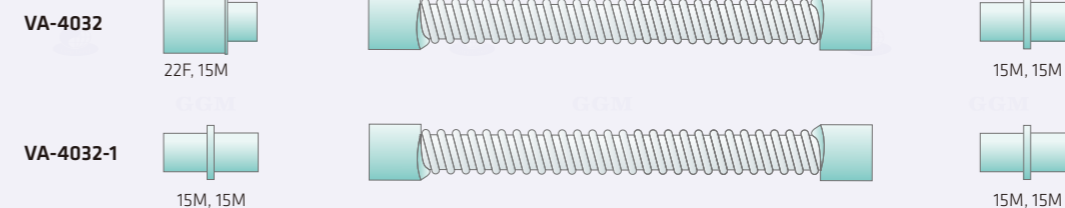
REF / 型號	Applicable	Y piece	Tube	Straight Connection	Bag	Package
VA-4512-01	Adult	22M, 22M/15F	150 cm	22M,22F	3L	20pcs / #5-1
VA-4512-02	Adult	22M, 22M/15F	100 cm	22M,22F	3L	20pcs / #5-1
VA-4512-03	Adult	22M, 22M/15F	180cm×1pcs, 120cm×1pc	22M,22F	2L	20pcs / #5-1
VA-4512-05	Adult	22M, 22M/15F	180cm×2pcs	22M,22F		20pcs / #5-1
VA-4522-01	Pediatric	15F,15M	150 cm	22M,22F	2L	50pcs / #5
VA-4522-02	Pediatric	15F,15M	100 cm	22M,22F	2L	50pcs / #5
VA-4522-04	Pediatric	15F,15M	150 cm×2pcs, 300cm×1pc	15M,22F	1L	40pcs / #5
VA-4522-05	Pediatric	15F,15M	300cm×3pcs	15M,22F	0.5L	40pcs / #5

Option: Catheter mount / HMEF / Bacterial filter, Note when order.

Catheter Mount

呼吸延長管

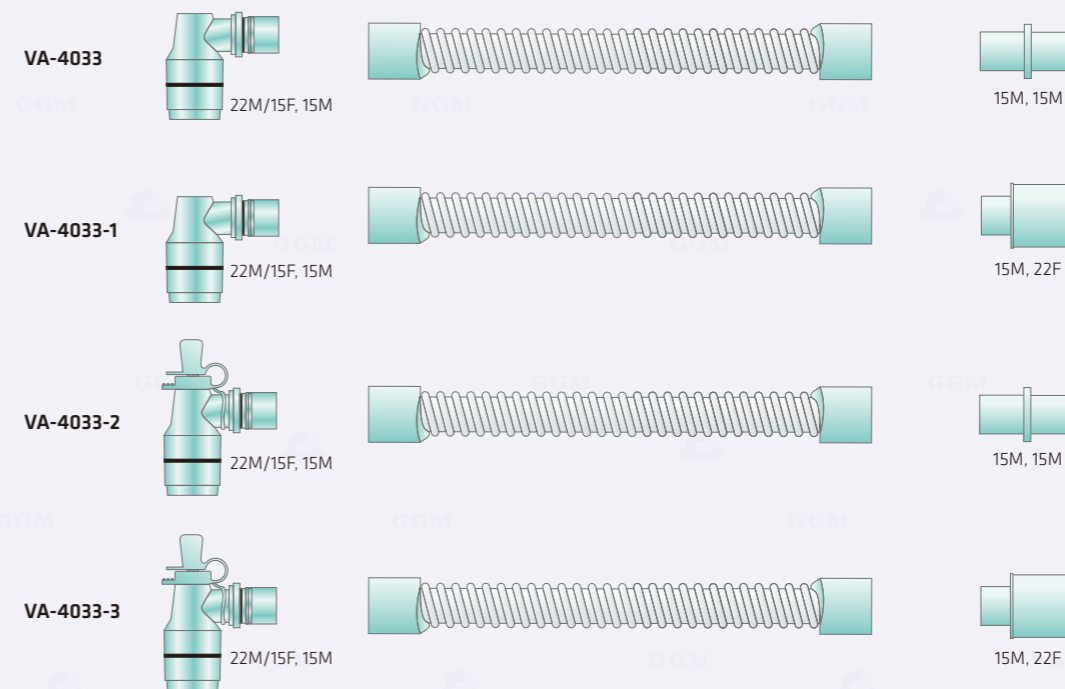
Reusable Straight Catheter Mount 重覆式直型呼吸延長管



REF / 型號	VA-4032	VA-4032-1
Specification / 規格	22F, 15M	15M, 15M
Media Type / 材質	Silicone tube	Silicone tube
Package / 包裝明細	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1

* F=Female=Inner dimension, M=Male=Outer dimension

Reusable L Catheter Mount 重覆式L型呼吸延長管



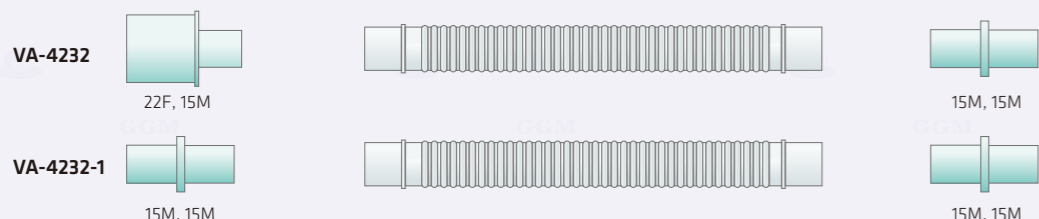
REF / 型號	VA-4033	VA-4033-1	VA-4033-2	VA-4033-3
Specification / 規格	22M/15F, 15M, 15M	22M/15F, 15M, 15M, 22F	22M/15F, 15M, 15M	22M/15F, 15M, 15M, 22F
Connector / 接頭	Swivel	Swivel	Swivel, w/port	Swivel, w/port
L Connector / L接頭	Double Swivel	Double Swivel	Double Swivel w/port	Double Swivel w/port
Media Type / 材質	Silicone tube	Silicone tube	Silicone tube	Silicone tube
Package / 包裝明細	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1

* F=Female=Inner dimension, M=Male=Outer dimension

* Option EVA smoothbore tubing: Ex.VA-4234E, VA-4234-1E

Catheter Mount 呼吸延長管

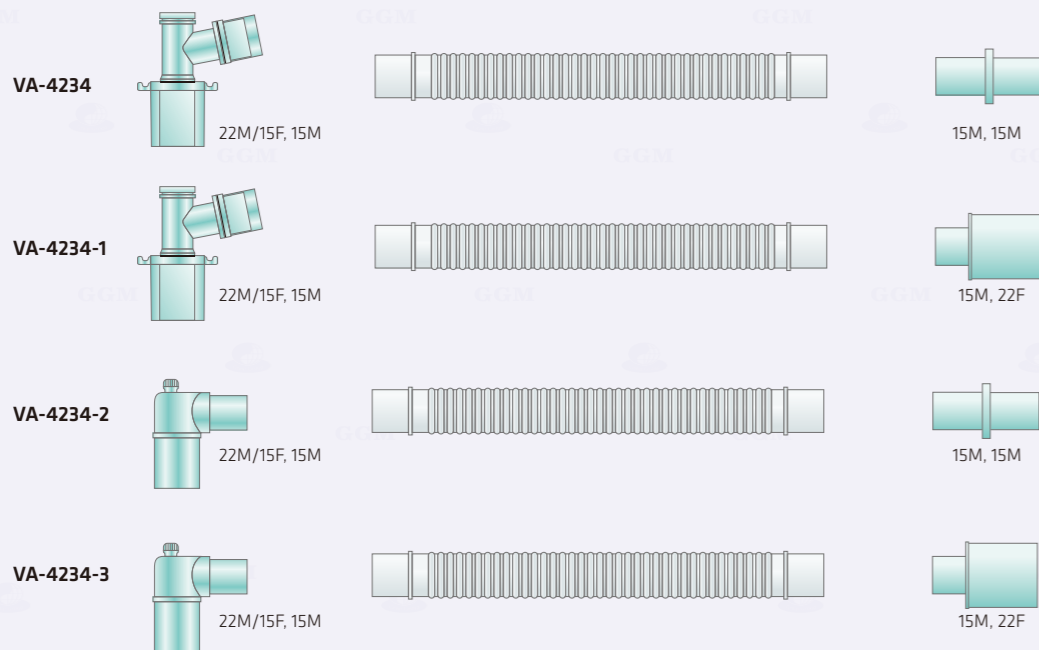
Disposable Straight Catheter Mount 拋棄式直型呼吸延長管



REF / 型號	VA-4232	VA-4232-1
Specification / 規格	22F, 15M	15M, 15M
Media Type / 材質	EVA Tube	EVA Tube
Package / 包裝明細	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1

* F=Female=Inner dimension, M=Male=Outer dimension

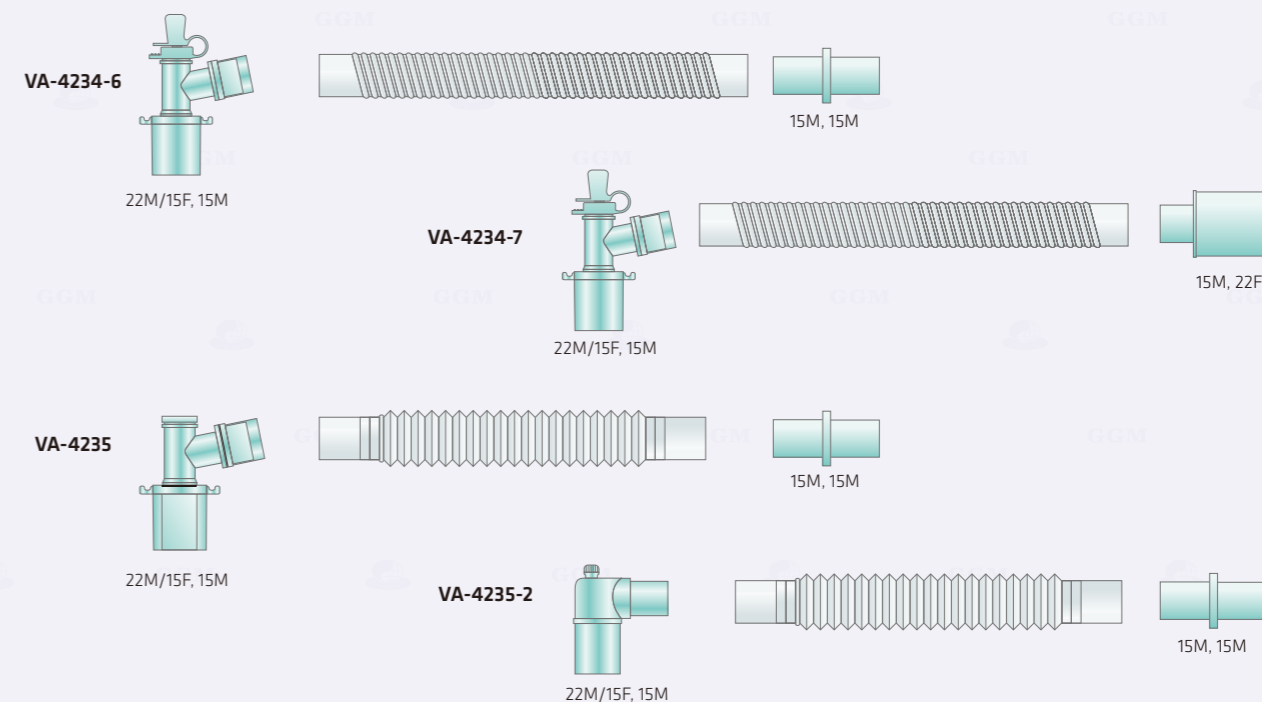
Disposable L Catheter Mount 拋棄式L型呼吸延長管



REF / 型號	VA-4234	VA-4033-1	VA-4234-2	VA-4234-3
Specification / 規格	22M/15F, 15M	22M/15F, 22F	22M/15F, 15M	22M/15F, 22F
Connector / 接頭	Swivel	Swivel	Fixed	Fixed
L Connector / L接頭	Double Swivel	Double Swivel	Fixed w/port	Fixed w/port
Media Type / 材質	EVA Tube	EVA Tube	EVA Tube	EVA Tube
Package / 包裝明細	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1

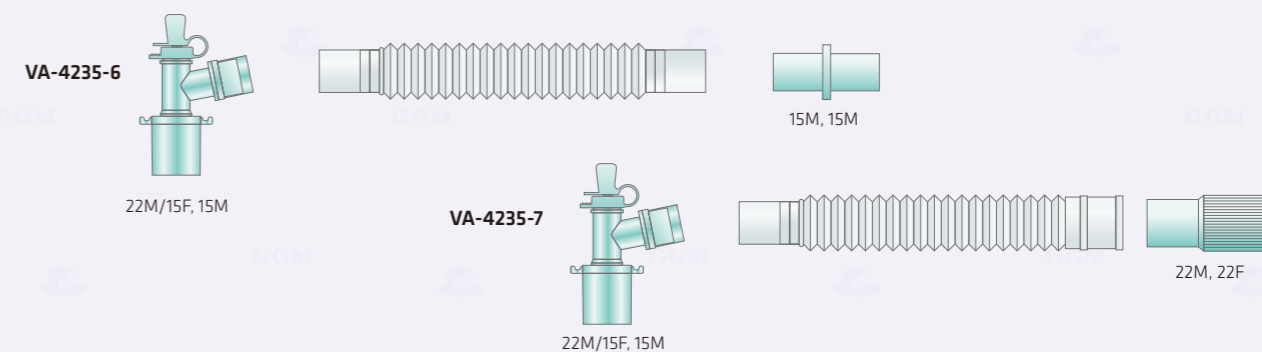
* F=Female=Inner dimension, M=Male=Outer dimension

Disposable L Catheter Mount 拋棄式L型呼吸延長管



REF / 型號	VA-4234-6	VA-4234-7	VA-4235	VA-4235-2
Specification / 規格	22M/15F, 15M	22M/15F, 22F	22M/15F, 15M	22M/15F, 15M
Connector / 接頭	Swivel w/port	Swivel w/port	Fixed w/sampling port	Fixed w/sampling port
L Connector / L接頭	Double Swivel w/port	Double Swivel w/port	Double Swivel	Fixed w/port
Media Type / 材質	Smoothbore Tube	Smoothbore Tube	Expandable Tube	Expandable Tube
Package / 包裝明細	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1

* F=Female=Inner dimension, M=Male=Outer dimension



REF / 型號	VA-4235-6	VA-4235-7
Specification / 規格	22M/15F, 15M	22M/15F, 22F
Connector / 接頭	Swivel w/port	Swivel w/port
L Connector / L接頭	Double Swivel w/port	Double Swivel w/port
Media Type / 材質	Expandable Tube	Expandable Tube
Package / 包裝明細	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1

* F=Female=Inner dimension, M=Male=Outer dimension

Reusable Breathing Tubing 重覆式呼吸管

Silicone Tubing 重覆式矽膠管路



REF / 型號	Applicable	Model / 內壁	Cuff / 口徑	Length / 長度	REF / 型號	Applicable	Model / 內壁	Cuff / 口徑	Length / 長度
VA-4011-30	Adult	Smooth / 內平滑	22F	30cm	VA-4021-15	Pediatric	Smooth / 內平滑	15F	15cm
VA-4011-45	Adult	Smooth / 內平滑	22F	45cm	VA-4021-30	Pediatric	Smooth / 內平滑	15F	30cm
VA-4011-60	Adult	Smooth / 內平滑	22F	60cm	VA-4021-45	Pediatric	Smooth / 內平滑	15F	45cm
VA-4011-75	Adult	Smooth / 內平滑	22F	75cm	VA-4021-60	Pediatric	Smooth / 內平滑	15F	60cm
VA-4011-90	Adult	Smooth / 內平滑	22F	90cm	VA-4021-130	Pediatric	Smooth / 內平滑	15F	130cm
VA-4011-120	Adult	Smooth / 內平滑	22F	120cm	VA-4031-30	Neonate	Smooth / 內平滑	10F	30cm
VA-4011-150	Adult	Smooth / 內平滑	22F	150cm	VA-4031-60	Neonate	Smooth / 內平滑	10F	60cm
VA-4011-180	Adult	Smooth / 內平滑	22F	180cm	VA-4031-130	Neonate	Smooth / 內平滑	10F	130cm

Disposable Breathing Tubing 拋棄式呼吸管

LDPE Disposable Tubing (Non-PVC) 拋棄式LDPE管路(非PVC)



REF / 型號	Applicable	Model / 內壁	Cuff / 口徑	Length / 長度	REF / 型號	Applicable	Model / 內壁	Cuff / 口徑	Length / 長度
VA-4211-15	Adult	Corrugate / 波紋	22F	15cm	VA-4221-15	Pediatric	Corrugate / 波紋	15F	15cm
VA-4211-30	Adult	Corrugate / 波紋	22F	30cm	VA-4221-30	Pediatric	Corrugate / 波紋	15F	30cm
VA-4211-60	Adult	Corrugate / 波紋	22F	60cm	VA-4221-60	Pediatric	Corrugate / 波紋	15F	60cm
VA-4211-75	Adult	Corrugate / 波紋	22F	75cm	VA-4221-130	Pediatric	Corrugate / 波紋	15F	130cm
VA-4211-90	Adult	Corrugate / 波紋	22F	90cm	VA-4231-15	Neonate	Corrugate / 波紋	10F	15cm
VA-4211-110	Adult	Corrugate / 波紋	22F	110cm	VA-4231-30	Neonate	Corrugate / 波紋	10F	30cm
VA-4211-120	Adult	Corrugate / 波紋	22F	120cm	VA-4231-60	Neonate	Corrugate / 波紋	10F	60cm
VA-4211-150	Adult	Corrugate / 波紋	22F	150cm	VA-4231-100	Neonate	Corrugate / 波紋	10F	100cm
VA-4211-180	Adult	Corrugate / 波紋	22F	180cm	VA-4231-130	Neonate	Corrugate / 波紋	10F	130cm

Option blue color : EX. VA-4211-15B

LDPE Corrugated Tubing LDPE波紋管



REF / 型號	Applicable	Model / 內壁	Cuff / 口徑	Color / 顏色	Package
VA-9001-W	Adult	Corrugate / 波紋	100ft	White	#25
VA-9001-B	Adult	Corrugate / 波紋	100ft	Blue	#25
VA-9011-W	Pediatric	Corrugate / 波紋	200ft	White	#25
VA-9011-B	Pediatric	Corrugate / 波紋	200ft	Blue	#25
VA-9021-W	Neonate	Corrugate / 波紋	200ft	White	#25
VA-9021-B	Neonate	Corrugate / 波紋	200ft	Blue	#25

HMEF/ HME/ FILTERS

過濾器系列

INTRODUCTION

產品簡介

Passive humidification is a process whereby the heat and moisture recovered from the exhaled air is conserved in the exchanger and is used again in the inspiratory process. The heat and moisture exchanger is positioned like an artificial nose between the patient interface and breathing circuit.



Microwell Type

Pleated Type

Foam Type



Microwell Type

HME Filter Angled 彎形人工鼻細菌過濾器



REF / 型號	VH-3115	VH-3215	VH-3315
Specification / 規格	Adult	Adult/Child	Pediatric
Connection / 接頭尺寸	22F/15M, 22M/15F, luer port	15M, 22M/15F, luer port	15M, 22M/15F, luer port
Recommended T.V. Range / 潮氣容積	250-1500 ml	250-1000 ml	50-250 ml
Media Type / 材質	Microwell/ P.P and K-resin	Microwell/ P.P and K-resin	Microwell/ P.P and K-resin
Dead Space/ 死腔容積	45 ml	29 ml	13 ml
Resistance(cmH2O) / 阻力	max. at 30 1/min 0.99 max. at 60 1/min 2.38 max. at 90 1/min 4.08	max. at 30 1/min 1.58 max. at 60 1/min 3.52 max. at 90 1/min 4.58	max. at 10 1/min 0.99 max. at 20 1/min 2.05
Moisture Output / 濕度輸出	36 mg/L at TV 500cc	34 mg/L at TV 500cc	38 mg/L at TV 100cc
Filter Efficiency / 過濾效果	BFE>99.99% VFE>99.99%	BFE>99.99% VFE>99.99%	BFE>99.99% VFE>99.99%
Weight / 重量	30 g	23 g	16 g
Package / 包裝明細	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1	810pcs (27boxes x 30pcs), #1

HME Filter 人工鼻細菌過濾器



REF / 型號	VH-3110	VH-3210	VH-3211	VH-3310
Specification / 規格	Adult	Adult/Child	Adult/Child w/o port	Pediatric
Connection / 接頭尺寸	22F/15M, 22M/15F, luer port	22F/15M, 22M/15F, luer port	22F/15M, 22M/15F	15M, 22M/15F, luer port
Recommended T.V. Range / 潮氣容積	250-1500 ml	250-1000 ml	250-1000 ml	50-250 ml
Media Type / 材質	Microwell / K-resin or PP	Microwell / K-resin	Microwell / K-resin	Microwell / K-resin
Dead Space/ 死腔容積	45 ml	29 ml	29 ml	15 ml
Resistance(cmH2O) / 阻力	max. at 30 1/min 0.74 max. at 60 1/min 1.97 max. at 90 1/min 3.50	max. at 30 1/min 1.02 max. at 60 1/min 2.67 max. at 90 1/min 4.35	max. at 30 1/min 1.02 max. at 60 1/min 2.67 max. at 90 1/min 4.35	max. at 10 1/min 1.02
Moisture Output / 濕度輸出	33 mg/L at TV 500cc	31 mg/L at TV 250cc	31 mg/L at TV 250cc	31 mg/L at TV 100cc
Filter Efficiency / 過濾效果	BFE>99.99% VFE>99.99%	BFE>99.99% VFE>99.99%	BFE>99.99% VFE>99.99%	BFE>99.99% VFE>99.99%
Weight / 重量	31 g	25 g	20 g	10 g
Package / 包裝明細	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1	810pcs (27boxes x 30pcs), #1

• Optional housing: PP or K-resin

Pleated Type

HME Filter Angled 彎形人工鼻細菌過濾器



REF / 型號	VH-3105	VH-3205	VH-3305
Specification / 規格	Adult	Adult/Child	Pediatric
Connection / 接頭尺寸	22F/15M, 22M/15F, luer port	15M, 22M/15F, luer port	15M, 22M/15F, luer port
Recommended T.V. Range / 潮氣容積	250-1500 ml	250-1000 ml	50-250 ml
Media Type / 材質	Pleated/P.P and K-resin	Pleated/P.P and K-resin	Pleated/P.P and K-resin
Dead Space/ 死腔容積	45 ml	29 ml	13 ml
Resistance(cmH2O) / 阻力	max. at 30 1/min 1.01 max. at 60 1/min 2.45 max. at 90 1/min 4.41	max. at 30 1/min 1.74 max. at 60 1/min 4.11	max. at 10 1/min 0.65
Moisture Output / 濕度輸出	33 mg/L at TV 500cc	31 mg/L at TV 250cc	32 mg/L at TV 100cc
Filter Efficiency / 過濾效果	BFE>99.99% VFE>99.99%	BFE>99.99% VFE>99.99%	BFE>99.99% VFE>99.99%
Weight / 重量	30 g	23 g	16 g
Package / 包裝明細	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1	810pcs (27boxes x 30pcs), #1

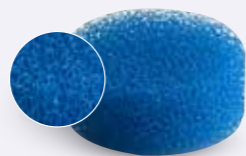
HME Filter 人工鼻細菌過濾器



REF / 型號	VH-3100	VH-3200	VH-3300
Specification / 規格	Adult	Adult/Child	Pediatric
Connection / 接頭尺寸	22F/15M, 22M/15F, luer port	22F/15M, 22M/15F, luer port	15M, 22M/15F, luer port
Recommended T.V. Range / 潮氣容積	250-1500 ml	250-1000 ml	50-250 ml
Media Type / 材質	Pleated/K-resin or PP	Pleated/K-resin	Pleated/K-resin
Dead Space/ 死腔容積	45 ml	29 ml	15 ml
Resistance(cmH2O) / 阻力	max. at 30 1/min 1.08 max. at 60 1/min 2.38 max. at 90 1/min 4.08	max. at 30 1/min 1.21 max. at 60 1/min 2.89 max. at 90 1/min 4.35	max. at 10 1/min 1.40
Moisture Output / 濕度輸出	33 mg/L at TV 500cc	31 mg/L at TV 250cc	30 mg/L at TV 100cc
Filter Efficiency / 過濾效果	BFE>99.99% VFE>99.99%	BFE>99.99% VFE>99.99%	BFE>99.99% VFE>99.99%
Weight / 重量	40 g	20 g	10 g
Package / 包裝明細	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1	810pcs (27boxes x 30pcs), #1

• Optional housing: PP or K-resin

Foam Type



HME Filter Angled 彎形人工鼻細菌過濾器



REF / 型號	VH-3155	VH-3255	VH-3355
Specification / 規格	Adult	Adult/Child	Pediatric
Connection / 接頭尺寸	22F/15M, 22M/15F, luer port	15M, 22M/15F, luer port	15M, 22M/15F, luer port
Recommended TV. Range / 潮氣容積	250-1500 ml	250-1000 ml	50-250 ml
Media Type / 材質	Foam/P.P & K-resin	Foam/P.P & K-resin	Foam/P.P & K-resin
Dead Space/ 死腔容積	45 ml	29 ml	13 ml
Resistance(cmH2O) / 阻力	max. at 30 l/min 0.90 max. at 60 l/min 2.34 max. at 90 l/min 4.38	max. at 30 l/min 1.73 max. at 60 l/min 4.40	max. at 10 l/min 0.12
Moisture Output / 濕度輸出	31 mg/L at TV 500cc	29 mg/L at TV 250cc	30 mg/L at TV 100cc
Filter Efficiency / 過濾效果	BFE>99.99% VFE>99.99%	BFE>99.99% VFE>99.99%	BFE>99.99% VFE>99.99%
Weight / 重量	35 g	20 g	10 g
Package / 包裝明細	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1	810pcs (27boxes x 30pcs), #1

HME Filter 人工鼻細菌過濾器



REF / 型號	VH-3150	VH-3250	VH-3350
Specification / 規格	Adult	Adult / Child	Pediatric
Connection / 接頭尺寸	22F/15M, 22M/15F, luer port	22F/15M, 22M/15F, luer port	15M, 22M/15F, luer port
Recommended TV. Range / 潮氣容積	250-1500 ml	250-1000 ml	50-250 ml
Media Type / 材質	Foam / P.P or K-resin	Foam / K-resin	Foam / K-resin
Dead Space/ 死腔容積	45 ml	29 ml	13 ml
Resistance(cmH2O) / 阻力	max. at 30 l/min 0.84 max. at 60 l/min 2.10 max. at 90 l/min 3.45	max. at 30 l/min 1.13 max. at 60 l/min 2.56 max. at 90 l/min 4.36	max. at 10 l/min 1.50
Moisture Output / 濕度輸出	30 mg/L at TV 500cc	30 mg/L at TV 250cc	28 mg/L at TV 100cc
Filter Efficiency / 過濾效果	BFE>99.99% VFE>99.99%	BFE>99.99% VFE>99.99%	BFE>99.99% VFE>99.99%
Weight / 重量	27 g	22 g	8 g
Package / 包裝明細	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1	810pcs (27boxes x 30pcs), #1

• Optional housing: PP or K-resin

Microwell Type

HME-Tracheostomy 氣切用人工鼻



REF / 型號	VH-1167	VH-1168	VH-1160	VH-1161
Specification / 規格	HME-T3	HME-T4	HME-T1 w/O2 port	HME-T2
Connection / 接頭尺寸	15F	15F, 5.5mm O2 port	15F, 5.5mm O2 port	15F
Recommended TV. Range / 潮氣容積	250-1000 ml	250-1000 ml	250-1000 ml	250-1000 ml
Media Type / 材質	Microwell / P.P	Microwell / P.P	Microwell / P.P	Microwell / P.P
Dead Space/ 死腔容積	12 ml	12 ml	17 ml	12.5 ml
Resistance(cmH2O) / 阻力	max. at 30 L/min 0.4 max. at 60 L/min 0.9 max. at 90 L/min 1.5	max. at 30 L/min 0.4 max. at 60 L/min 0.9 max. at 90 L/min 1.5	max. at 30 L/min 0.60	max. at 30 L/min 0.32 max. at 60 L/min 0.81 max. at 90 L/min 1.62
Moisture Output / 濕度輸出			26 mg/L at TV 500cc	30 mg/L at TV 100cc
Weight / 重量	6.5 g	7 g	6.5 g	4.5 g
Package / 包裝明細	810pcs (27boxes x 30pcs), #1	810pcs (27boxes x 30pcs), #1	810pcs (27boxes x 30pcs), #1	810pcs (27boxes x 30pcs), #1

Accessories for VH-1161 / VH-1161 專用配件

REF / 型號	VH-1161-1
Specification / 規格	Oxygen kit for VH-1161
Weight / 重量	53 g
Package / 包裝明細	400pcs (8boxes x 50pcs), #1



Foam Type

HME 氣切用人工鼻



REF / 型號	VH-1105
Specification / 規格	HME-Flex S
Connection / 接頭尺寸	22F, 15F
Recommended TV. Range / 潮氣容積	300-1500 ml
Media Type / 材質	Foam / LDPE + EVA
Dead Space/ 死腔容積	75 ml
Resistance(cmH2O) / 阻力	max. at 30 l/min 0.30 max. at 60 l/min 1.25
Moisture Output / 濕度輸出	33 mg/L
Weight / 重量	28 g
Package / 包裝明細	400pcs (8boxes x 50pcs), #1

Microwell Type

HME 氣切用人工鼻



REF / 型號	VH-1136
Specification / 規格	HME-P
Connection / 接頭尺寸	22F/15F, 22F/15F
Recommended TV. Range / 潮氣容積	250-1000 ml
Media Type / 材質	Microwell / K-resin EVA
Dead Space/ 死腔容積	40 ml
Resistance(cmH2O) / 阻力	max. at 30 l/min 0.64 max. at 60 l/min 1.44
Moisture Output / 濕度輸出	33 mg/L
Weight / 重量	40 g
Package / 包裝明細	400pcs (8boxes x 50pcs), #1

HME Microwell, Pleated, Foam Type

HME 人工鼻



REF / 型號	VH-1131	VH-1130	VH-1120
Specification / 規格	Adult/Child	Adult/Child	Adult/Child
Connection / 接頭尺寸	22F/15M, 22M/15F	22F/15M, 22M/15F	22F/15M, 22M/15F
Recommended TV. Range / 潮氣容積	250-1000 ml	250-1000 ml	250-1000 ml
Media Type / 材質	Microwell / K-resin	Pleated / K-resin	Foam / K-resin
Dead Space / 死腔容積	29 ml	29 ml	29 ml
Resistance(cmH2O) / 阻力	max. at 30 L/min 0.40 max. at 60 L/min 1.02 max. at 90 L/min 1.97	max. at 30 L/min 0.55 max. at 60 L/min 1.53 max. at 90 L/min 2.62	max. at 30 L/min 0.52 max. at 60 L/min 1.132 max. at 90 L/min 2.54
Moisture Output / 濕度輸出	31 mg/L	30 mg/L	29 mg/L
Weight / 重量	22 g	24 g	21 g
Package / 包裝明細	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1

HME Mcrowell Type

HME 人工鼻



REF / 型號	VH-1132	VH-1132-1	VH-1133	VH-1134
Specification / 規格	Pediatric	Pediatric	Neonate	Neonate
Connection / 接頭尺寸	15M, 22M/15F, luer port	15M, 22M/15F	15M, 15F, luer port	15M, 15F
Recommended TV. Range / 潮氣容積	50-250 ml	50-250 ml	15-50 ml	15-50 ml
Media Type / 材質	Microwell / K-resin	Microwell / K-resin	Microwell / K-resin	Microwell / K-resin
Dead Space / 死腔容積	13 ml	13 ml	2.5 ml	2.5 ml
Resistance(cmH2O) / 阻力	max. at 10 L/min 0.40	max. at 10 L/min 0.40	max. at 10 L/min 0.50	max. at 10 L/min 0.50
Moisture Output / 濕度輸出	31 mg/L at TV 100cc	31 mg/L at TV 100cc	30 mg/L	30 mg/L
Weight / 重量	10 g	10 g	5.2 g	4.5 g
Package / 包裝明細	810pcs (27boxes x 30pcs), #1	810pcs (27boxes x 30pcs), #1	810pcs (27boxes x 30pcs), #1	810pcs (27boxes x 30pcs), #1

High Performance Bacterial Filter 高功能細菌過濾器

High Performance Bacterial Filter 高功能細菌過濾器



REF / 型號	VF-2150	VF-2151	VF-2152	VF-2153
Specification / 規格	Adult/Child	Adult/Child	Adult/Child	Adult/Child (w/o port)
Connection / 接頭尺寸	22F/15M, 22M/15F, luer port	22F/15M, 22M/15F, luer port	15M, 22M/15F, luer port	15M, 22M/15F
Recommended TV. Range / 潮氣容積	250-1000 ml	250-1000 ml	50-250 ml	50-250 ml
Use / 使用	Disposable	Disposable	Disposable	Disposable
Media Type / 材質	Electrostatic / K-resin	Electrostatic / K-resin	Electrostatic / K-resin	Electrostatic / K-resin
Dead Space / 死腔容積	45 ml	29 ml	13 ml	13 ml
Resistance(cmH2O) / 阻力	max. at 60L/min 2.25	max. at 30L/min 1.10 max. at 60L/min 2.70	max. at 10L/min 0.9	max. at 10L/min 0.9
Filter Efficiency / 過濾效果	BFE>99.997% VFE>99.997%	BFE>99.997% VFE>99.997%	BFE>99.997% VFE>99.997%	BFE>99.997% VFE>99.997%
Weight / 重量	26 g	21 g	9 g	9 g
Package / 包裝明細	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1	810pcs (27boxes x 30pcs), #1	810pcs (27boxes x 30pcs), #1

High Performance Bacterial Filter 高功能細菌過濾器



REF / 型號	VF-2160	VF-2160-1
Specification / 規格	w/o port	/
Connection / 接頭尺寸	22F/15M, 22M/15F	22F/15M, 22M/15F, luer port
Use / 使用	Disposable	Disposable
Media Type / 材質	Electrostatic / PP	Electrostatic / PP
Dead Space / 死腔容積	30 ml	30 ml
Resistance(cmH2O) / 阻力	max. at 60 L/min 1.30	max. at 60 L/min 1.30
Filter Efficiency / 過濾效果	BFE>99.997% VFE>99.997%	BFE>99.997% VFE>99.997%
Weight / 重量	21 g	23 g
Package / 包裝明細	400pcs (8boxes x 50pcs), #1	400pcs (8boxes x 50pcs), #1

Spirometry Filter 肺功能細菌過濾器

Spirometry Filter 肺功能細菌過濾器



Oval Type



REF / 型號	VF-2180-2	VF-2181	VF-2182	Mouth piece VF-2181-1
Connection / 接頭尺寸	30F/30M	30F/30M	30F w/mouth piece	25x26.5x75 mm
Use / 使用	Disposable	Disposable	Disposable	Disposable
Media Type / 材質	Electrostatic / ABS	Electrostatic / ABS	Electrostatic / ABS	Paper
Dead Space/ 死腔容積	45 ml	60 ml	50 ml	
Resistance(cmH2O) / 阻力	0.78 cmH2O at 720LPM	0.78 cmH2O at 720LPM	1.07 cmH2O at 720LPM	
Filter Efficiency / 過濾效果	BFE>99.99% VFE>99.99%	BFE>99.99% VFE>99.99%	BFE>99.99% VFE>99.99%	Ref. VP-2526975-1
Option / 選購	Mouth piece VF-2181-1	Mouth piece VF-2181-1	NA	
Weight / 重量	35 g	40 g	40 g	
Package / 包裝明細	200pcs/ctn, #5	200pcs/ctn, #5	200pcs/ctn, #5	

* Adaptor for spirometry devices available.

Reusable Main Flow Filter 重複式主流式細菌過濾器

Reusable / Autoclavable 重複式/可高壓滅菌



REF / 型號	VF-2190	VF-2191	VF-2195
Connection / 接頭尺寸	22M/22M	22M/22M	22M/22M
Media Type / 材質	PSF Hydrophobic HEPA filter Mechanical filter	PSF Hydrophobic HEPA filter Mechanical filter	PSF Hydrophobic HEPA filter Mechanical filter
Resistance(cmH2O) / 阻力	1.0 cm H2O at 60LPM	1.0 cm H2O at 60LPM	1.0 cm H2O at 60LPM
Filter Efficiency / 過濾效果	BFE>99.97% VFE>99.97%	BFE>99.97% VFE>99.97%	BFE>99.97% VFE>99.97%
Compatible / 兼容	PB7200 series	PB760 series	
Weight / 重量	207 g	207 g	207 g
Package / 包裝明細	45 pcs/carton, #5	45 pcs/carton, #5	35 pcs/ctn, #5

Disposable Main Flow Filter 拋棄式主流式細菌過濾器

Disposable 拋棄式



REF / 型號	VF-2192	VF-2193	VF-2196
Connection / 接頭尺寸	22M/22M	22M/22M	22M/22M
Media Type / 材質	ABS Hydrophobic HEPA filter Mechanical filter	ABS Hydrophobic HEPA filter Mechanical filter	PP and ABS Hydrophobic HEPA Filter Mechanical filter
Resistance(cmH2O) / 阻力	1.0 cm H2O at 60LPM	1.0 cm H2O at 60LPM	1.0 cm H2O at 60LPM
Filter Efficiency / 過濾效果	BFE>99.97% VFE>99.97%	BFE>99.97% VFE>99.97%	BFE>99.97% VFE>99.97%
Compatible / 兼容	PB7200 series	PB760 series	
Weight / 重量	130 g	130g	130 g
Package / 包裝明細	45 pcs/carton, #5	45 pcs/carton, #5	35 pcs/ctn, #5

High Efficiency Particulate Air Filter (HEPA) 高效能細菌過濾器

Disposable 拋棄式



VF-2170



VF-2172

REF / 型號	VF-2170	VF-2172
Connection / 接頭尺寸	22F/22M	22F/22M
Media Type / 材質	Hydrophobic mechanical glass-fibre	Hydrophobic mechanical glass-fibre, Mechanical filter
Dead Space / 死腔容積	95 ml	95 ml
Resistance(cmH2O) / 阻力	max. at 60 l/min 2.50	max. at 60 l/min 2.50
Filter Efficiency / 過濾效果	BFE>99.9999% VFE>99.9999%	BFE>99.9999% VFE>99.9999%
Moisture Output / 濕度輸出	29 mg/L at 500VT	29 mg/L at 500VT
Weight / 重量	57 g	57 g
Package / 包裝明細	240pcs (8boxes x 30pcs), #1	240pcs (8boxes x 30pcs), #1

Reusable 重覆式



VF-2171

REF / 型號	VF-2171
Connection / 接頭尺寸	22F/22M
Media Type / 材質	Hydrophobic mechanical glass-fibre
Dead Space / 死腔容積	95 ml
Resistance(cmH2O) / 阻力	max. at 60 l/min 2.50
Filter Efficiency / 過濾效果	BFE>99.9999% VFE>99.9999%
Moisture Output / 濕度輸出	29 mg/L at 500VT
Weight / 重量	64 g
Package / 包裝明細	240pcs (8boxes x 30pcs), #1

Filter 過濾器



Siemens 900C Filter

REF / 型號	VF-2220
Weight / 重量	7 g
Package / 包裝明細	2000pcs, #1-1



Siemens 300C Filter

REF / 型號	VF-2221
Weight / 重量	7 g
Package / 包裝明細	2000pcs, #1-1



T-Bird Filter

REF / 型號	VF-2210
Weight / 重量	100 g
Package / 包裝明細	1 pc / PK

Mask 面罩系列 CPAP & BIPAP & NIV Mask

INTRODUCTION

產品簡介

GGM® patent multi-dimension adjustment (MDA) forehead support series CPAP/BIPAP mask or sleep apnea masks are interfaces used with CPAP & BIPAP machines for treatment or therapy for people that suffer from obstructive sleep apnea & other related sleeping disorders.

NIV mask applies to non-invasive ventilation.



Accessories 配件系列 Water Trap, Test Lung Adaptor, Connector

INTRODUCTION

產品簡介

Various accessories including catheter mounts, water trap, test lung, connectors and exhalation valve are applied during ventilation therapy. Wide range of accessories is provided to adapt to ventilators and respiratory devices.



CPAP Mask 連續陽壓面罩



Full Face Mask Vented 鼻面罩-氣孔

REF / 型號	VM-2001	VM-2002	VM-2003
Size / 規格	S	M	L
Material / 材質	Silicone / PC	Silicone / PC	Silicone / PC
Dimension / 尺寸	90 x 110 x 175 mm	100 x 112 x 185 mm	112 x 125 x 190 mm
Weight / 重量	130 g	135 g	140 g
Package / 包裝明細	40pcs/ctn, #6	40pcs/ctn, #6	40pcs/ctn, #6

Full Face Mask Non Vented 鼻面罩-無氣孔

REF / 型號	VM-2011	VM-2012	VM-2013
Size / 規格	S	M	L
Material / 材質	Silicone / PC	Silicone / PC	Silicone / PC
Dimension / 尺寸	90 x 110 x 175 mm	100 x 112 x 185 mm	112 x 125 x 190 mm
Weight / 重量	130 g	135 g	140 g
Package / 包裝明細	40pcs/ctn, #6	40pcs/ctn, #6	40pcs/ctn, #6

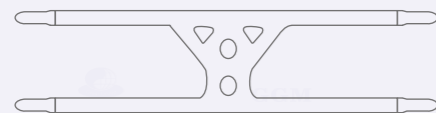
Nasal Mask Vented 鼻面罩-氣孔

REF / 型號	VM-3001
Size / 規格	M
Material / 材質	Silicone / PC
Dimension / 尺寸	155 x 85 x 85 mm
Weight / 重量	90 g
Package / 包裝明細	40pcs/ctn, #1-1

Nasal Mask Non Vented 鼻面罩-無氣孔

REF / 型號	VM-3011
Size / 規格	M
Material / 材質	Silicone / PC
Dimension / 尺寸	155 x 85 x 85 mm
Weight / 重量	90 g
Package / 包裝明細	40pcs/ctn, #1-1

Head Strap 綁頭帶



REF / 型號	VM-HS-01
Size / 規格	Free size
Material / 材質	Polyurethane Foam
Weight / 重量	30 g
Package / 包裝明細	

Test Lung 測試模擬肺



REF / 型號	VA-8001	VA-8002 (with connector)	VA-8003 (with connector)
Media Type / 材質	Silicone	Silicone	Silicone
Tidal Volume Max / 最大潮濕容積	1000 ml	1000 ml	60 ml
Autoclavable / 消毒溫度	121°C	121°C	121°C
Resistance (cmH2O) / 阻力	RP 20 cmH2O/L/S for tidal volume > 300 ml	RP20 or RP50 cmH2O/L/S for tidal volume 100~300 ml	RP20 cmH2O/L/S for tidal volume 60ml
Weight / 重量	220 g	220 g	30 g
Package / 包裝明細	50pcs (10 boxes x 1 pc), #5	50pcs (10 boxes x 1 pc), #5	

Breathing Bag 呼吸袋

Reusable 重複式

重復式



REF / 型號	HN-70501	HN-70502	HN-70503	HN-70504
Size / 規格	0.5L	1L	2L	3L
Material / 材質	Silicone up to 134°C	Silicone up to 134°C	Silicone up to 134°C	Silicone up to 134°C

Disposable 拋棄式

拋棄式



REF / 型號	HN-70505	HN-70506	HN-70507	HN-70508
Size / 規格	0.5L	1L	2L	3L
Material / 材質	Latex free	Latex free	Latex free	Latex free

Water Trap 集水杯

Disposable 拋棄式



REF / 型號	VD-313001	VD-313001-2	VD-313011-2	VD-313021-2	VD-313001-4	VD-313031
Specification / 規格	Adult bird	Adult F&P	Pediatric F&P	Neonate F&P	Adult F&P type	Child F&P type
Media Type / 材質	K-resin	ABS	ABS	ABS	PP	PP
Connection / 接頭尺寸	22M/15F	22M/15F	15M	10M	22M	12M
Volume / 容積	56 ml	30 ml	30 ml	30 ml	60 ml	60 ml
Weight / 重量	70 g	65 g	60 g	50 g	37 g	33 g
Package / 包裝明細	150pcs/box, #5	200pcs/box, #5-1	200pcs/box, #5-1	200pcs/box, #5-1	150pcs/box, #5	150pcs/box, #5

* F=Female=Inner dimension, M=Male=Outer dimension

Reusable 重覆式



REF / 型號	VD-313003	VD-313003-2	VD-313013-2	VD-313023-2
Specification / 規格	Adult bird	Adult F&P	Pediatric F&P	Neonate F&P
Media Type / 材質	PSF	PSF	PSF	PSF
Autoclavable / 消毒溫度	121°C	121°C	121°C	121°C
Connection / 接頭尺寸	22M/15F	22M/15F	15M	10M
Volume / 容積	56 ml	30 ml	30 ml	30 ml
Weight / 重量	70 g	65 g	60 g	50 g
Package / 包裝明細	150pcs/box, #5	200pcs/box, #5-1	200pcs/box, #5-1	200pcs/box, #5-1

* F=Female=Inner dimension, M=Male=Outer dimension

Reusable 重覆式



REF / 型號	VD-313003-1	VD-313003-4	VD-313013-3	VD-313023-3
Specification / 規格	Adult bird	Adult F&P	Pediatric F&P	Neonate F&P
Media Type / 材質	PC (Yellow color)	PC (Yellow color)	PC (Yellow color)	PC (Yellow color)
Autoclavable / 消毒溫度	121°C	121°C	121°C	121°C
Connection / 接頭尺寸	22M/15F	22M/15F	15M	10M
Volume / 容積	56 ml	30 ml	30 ml	30 ml
Weight / 重量	70 g	65 g	60 g	50 g
Package / 包裝明細	150pcs/box, #5	200pcs/box, #5-1	200pcs/box, #5-1	200pcs/box, #5-1

* F=Female=Inner dimension, M=Male=Outer dimension

Y Piece Connector Y型接頭

Reusable Y Piece Connector 重覆式Y型接頭

重覆式Y型接頭



REF / 型號	VD-311030	VD-313005	VD-313006-1	VD-313007-1
Specification / 規格	Adult	Adult	Pediatric	Neonate
Media Type / 材質	PSF	PSF	PSF	PSF
Autoclavable / 消毒溫度	121°C	121°C	121°C	121°C
Connection / 接頭尺寸	22M/15F, 22M	22M/15F, 22M	15F, 15M	15F, 10M
Pressure Port / 壓力孔	/	6M	6M	6M
Temperature Port / 溫度孔	/	7.6F	7.6F	/

* F=Female=Inner dimension, M=Male=Outer dimension

Disposable Y Piece Connector 拋棄式Y型接頭

拋棄式Y型接頭



REF / 型號	VD-311010-3	VD-311010-4	VD-311110-1	VD-313007
Specification / 規格	Adult	Adult	Pediatric	Neonate
Media Type / 材質	PP	PP	K-resin	K-resin
Connection / 接頭尺寸	22M/15F, 22M	22M/15F, 22M	15F, 15M	15F, 10M
Pressure Port / 壓力孔	/	6M	6M	6M
Temperature Port / 溫度孔	/	7.6F	7.6F	/

* F=Female=Inner dimension, M=Male=Outer dimension



REF / 型號	VD-313007-3	VD-313007-4	VD-313007-5
Specification / 規格	Neonate + swivel	Swivel	Swivel
Media Type / 材質	PP/K-resin	PP	PP
Connection / 接頭尺寸	22M/15F, 10M	12ID	10ID
Pressure Port / 壓力孔	6M	6M	6M

* F=Female=Inner dimension, M=Male=Outer dimension

Temperature Connector 溫度接頭

Reusable Temperature Connector 重覆式溫度接頭

重覆式溫度接頭

* F=Female=Inner Dimension, M=Male=Outer Dimension



REF / 型號	VD-311017-1	VD-311018-1
Media Type / 材質	PSF	PSF
Autoclavable / 消毒溫度	121°C	121°C
Connection / 接頭尺寸	10M / 7.6F / 10M	10M / 7.6F / 10F

Disposable Temperature Connector 拋棄式溫度接頭

拋棄式溫度接頭

* F=Female=Inner Dimension, M=Male=Outer Dimension



REF / 型號	VD-311017	VD-311018	VD-311017-12MM
Media Type / 材質	PP	PP	PP
Connection / 接頭尺寸	10M / 7.6F / 10M	10F / 7.6F / 10M	12M / 7.6F / 10F

Straight Connector 直型接頭

Reusable Straight Connector 重覆式直型接頭

重覆式直型接頭

* F=Female=Inner Dimension, M=Male=Outer Dimension



REF / 型號	VD-311001-1	VD-311003-1	VD-311004-1	VD-311019-1
Media Type / 材質	PSF	PSF	PSF	PSF
Autoclavable / 消毒溫度	121°C	121°C	121°C	121°C
Connection / 接頭尺寸	15M, 15M	22F, 15M	22M/15F, 22M	15M, 22M/15F



*With temperature port 7.6F

REF / 型號	VD-311031-1	VD-311032-1	VD-311033-1	VD-311039-1
Media Type / 材質	PSF	PSF	PSF	PSF
Autoclavable / 消毒溫度	121°C	121°C	121°C	121°C
Connection / 接頭尺寸	15M, 10M	10M, 22F	10M, 22M/15F	22M, 22F

Straight Connector 直型接頭

Disposable Straight Connector 拋棄式直型接頭

拋棄式直型接頭

* F=Female=Inner Dimension, M=Male=Outer Dimension



Cone Connector

REF / 型號	VD-311001	VD-311003	VD-311004	VD-311006	VD-311009
Media Type / 材質	K-Resin	K-Resin	K-Resin	PP	PP
Connection / 接頭尺寸	15M, 15M	15M, 22F	22M/15F, 22M	22M, 22F	22F



REF / 型號	VD-311019	VD-311031	VD-311032	VD-311033
Media Type / 材質	K-Resin	K-Resin	PP/ K-Resin	PP/ K-Resin
Connection / 接頭尺寸	15M, 22M/15F	10M, 15M/10F	22F, 10M	10M, 22M/15F



NEW

REF / 型號	VD-311019-12mm	VD-311003-12mm	VD-311001-12mm	VD-311031-12mm	VD-311031-12mm-1	VD-311031-12mm-SLE
Media Type / 材質	PP	PP	PP	PP	PP	PP
Connection / 接頭尺寸	15F, 22F/10M	12M/10F, 22F	12M, 10F	15M, 12M/10F	15M, 12M/10F (w/luer port)	SLE Connector



*With temperature port 7.6F

REF / 型號	VD-311036	VD-311036-1	VD-311037	VD-311038	VD-311039
Media Type / 材質	PP	PP	PP	PP	PP
Connection / 接頭尺寸	10M, 10F	10M, 10F, luer port	7.8M, 10M	10M, 10M	22F, 22M

L Connector L型接頭

Reusable L Connector

重覆式L接頭

* F=Female=Inner Dimension, M=Male=Outer Dimension



REF / 型號	VD-311016-1	VD-311025
Media Type / 材質	PSF	PSF
Autoclavable / 消毒溫度	121°C	121°C
Connection / 接頭尺寸	22M/15F, 15M	22F, 22M
Type / 類別	Double Swivel	Fixed

Disposable L Connector

拋棄式L接頭

* F=Female=Inner Dimension, M=Male=Outer Dimension



REF / 型號	VD-311012	VD-311012-1	VD-311015	VD-311016-3
Media Type / 材質	PP	PP	PP	PP
Connection / 接頭尺寸	22M/15F, 15M, luer port	22M/15F, 15M	22M/15F, 15M	22M/15F, 15M
Type / 類別	Fixed	Fixed	Double Swivel	Double Swivel

Other Parts 其他配件

Disposable Exhalation Valve Swivel Connector

吐氣閥

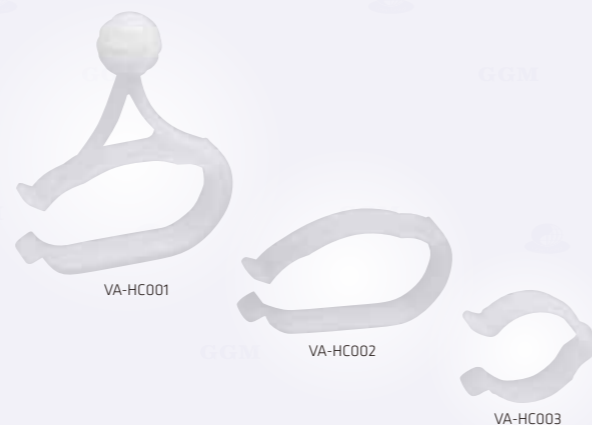
* F=Female=Inner Dimension, M=Male=Outer Dimension



REF / 型號	VD-316023	VD-316022
Media Type / 材質	PP	PP
Connection / 接頭尺寸	22M/15F, 22M/15F	22M, 22M/15F

C Clamp

C型夾



REF / 型號	VA-HC001	VA-HC002	VA-HC003
Media Type / 材質	PP	PP	PP
Size / 尺寸	L	M	S

Carton Size Chart 紙箱尺寸表

Box NO. / 紙箱編號	L*W*H (mm) / 尺寸	Cuft / 材積	CBM / 材積	Use / 規格	Main application / 主要用途
#1	550*550*550	5.9	0.167	外箱 (outer carton)	HME/HMEF, catheter mount
#1-1	550*280*550	3	0.085	外箱 (outer carton)	HFN nasal cannula, Reu. chamber
#5	650*460*360	3.8	0.108	外箱 (outer carton)	VH-2100 / VF-218X / VF-219X (45pcs/carton)
#5-1	630*460*240	2.4	0.068	外箱 (outer carton)	Water trap / VH-2600(A)
#6	540*440*490	4.1	0.116	外箱 (outer carton)	Circuits / VF-2181(-1)
#7	650*280*530	3.3	0.093	外箱 (outer carton)	Disp. chamber
#9	400*400*280	2.3	0.065	外箱 (outer carton)	HFN nasal cannula (adult)
#12	520*315*115	1.6	0.045	外箱 (outer carton)	VA-800168002 (10pc/box)
#18	410*240*310	1	0.029	外箱 (outer carton)	HF-2900
#25	450*200*450	1.4	0.04	外箱 (outer carton)	Corrugate circuits

#2	270*270*270	0.7	0.02	內盒 (inner box)	HME & HMEF (400/carton)
#3	180*180*180	3.2	0.091	內盒 (inner box)	HME (810/carton) / Adult nasal cannula (25pcs/box)
#17	270*270*130	0.33	0.009	內盒 (inner box)	HME
#27	270*270*180	0.5	0.013	內盒 (inner box)	Infant nasal cannula (15pcs/box)



The GGM logo is designed under the concept of the Chinese symbolic "Taiji". In balance of "Yin" & "Yang", our business philosophy is based on honesty and sustainability. We always remind ourselves to constantly dedicate in innovation and progress, meanwhile benefiting all patients with better care and the best quality products.

鉅邦醫材商標以太陽陰陽兩儀為最初發想，陰陽相連、以化育萬物；週而復始、生生不息、太極上之經緯縱橫交錯，宛若地球，象徵全球行銷。圓球建構平台之上以求平衡，象徵穩健踏實經營。鉅邦醫材創業迄今秉持太極陰陽生生不息之精神，研究開發，永續經營，以造福芸芸眾生為依歸。