



# Humi.AIDE

- The Answer for Humidification

Humi.AIDE™

# Humi.AIDE™



GaleMed – Heated Wire Circuit

# Product Features-Basics

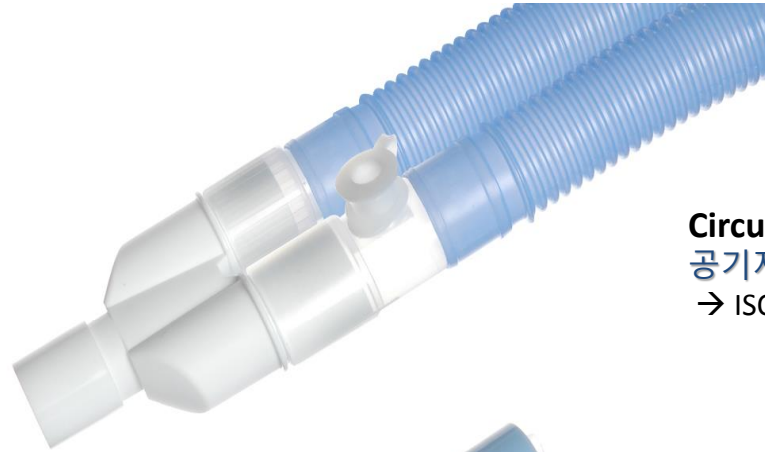
- Heated-wire Circuit → 파란색상으로 표시
- 열선 내장이 되지 않은 호기 회로(Expiratory limb without heated wire)  
→ water trap이 필수적으로 장착
- The neonatal model : 인큐베이터 연결을 위한 30 cm extension tube 포함.
- Auto-feeding Humidification Chamber - Available upon request.
- Single Patient Use Only.



# Product Features

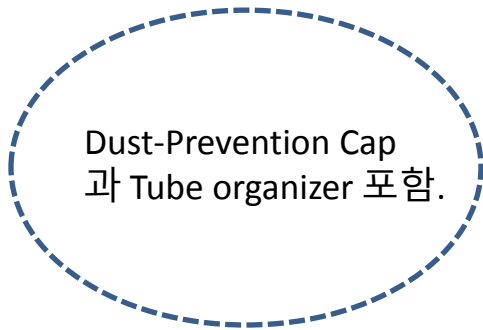
## Circuit 품질 1.

가습 출력 전달도 적합성  
→ ISO-8185 국제규격 충족



## Circuit 품질 2.

공기저항도 및 공기누출방지 적합성  
→ ISO-5367 국제규격 충족



Dust-Prevention Cap  
과 Tube organizer 포함.



## Circuit 품질 3.

Materials(원재료) :

→ Single Patient Use, Up to 7 days  
→ ISO-10993-1 국제규격 충족

Spiral Heated Wire (코일형 열선)

- 1) 환자의 편안함에 최적으로 가습화된 공기 제공 및 유지,
- 2) 물-응결문제 최소화한 디자인

# Advantages



온도 탐침 거치대 장착

물-응축현상 최소화

Product	Ins. Limb (7 days test)	Exp. Limb (7 days test)
Adult Dual	14.4g	4.8g
Neonate Dual	8.13g	2.77g

Temperature Probe Hanger

Low Water Condensation

Light Weight

Duckbill Suction Port (Neonate)

가벼운 Circuit 무게

Product	Weight
Humi.AIDE	191 g
Competitor	285g

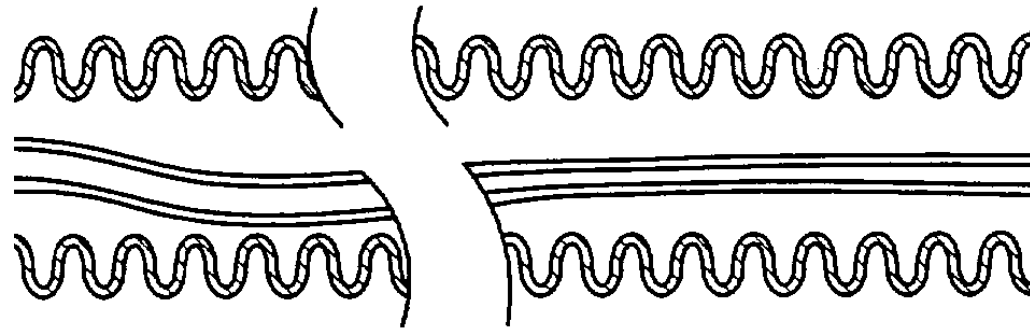


신생아 전용 Circuit  
→ Suction Port 장착

# Improvement on Heated Wire

**Original:**

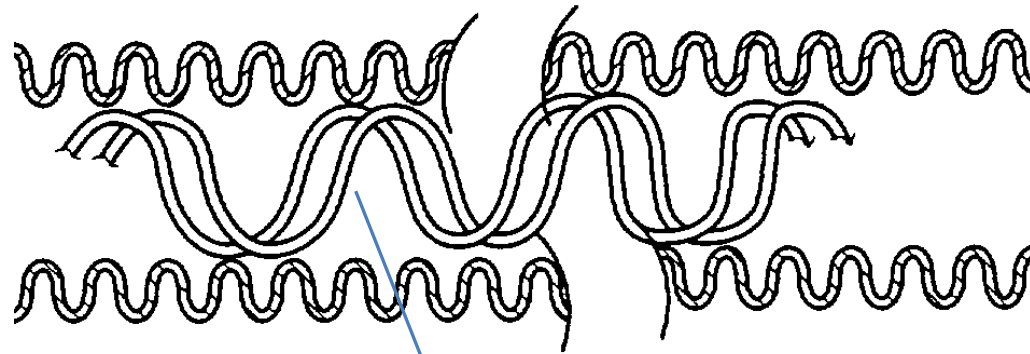
*Heat the air at  
the center of tubing*



**Humi.AIDE Circuit:**

*Heat the air at the edge*

**Reduce Condensation  
No Alarm for 7 Days**



**Unique Spiral Bound Heated Wire Circuit**

# Humidification Chamber

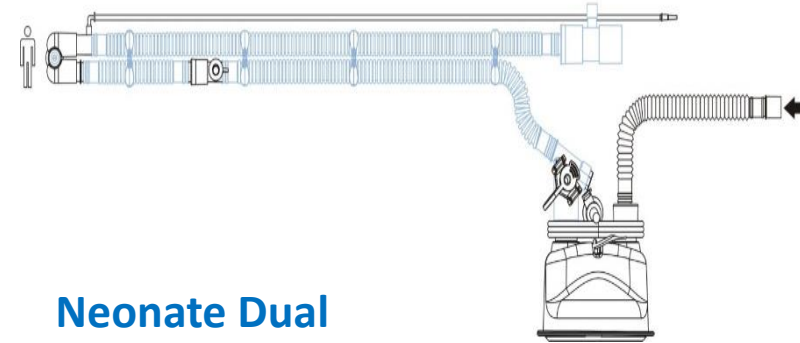
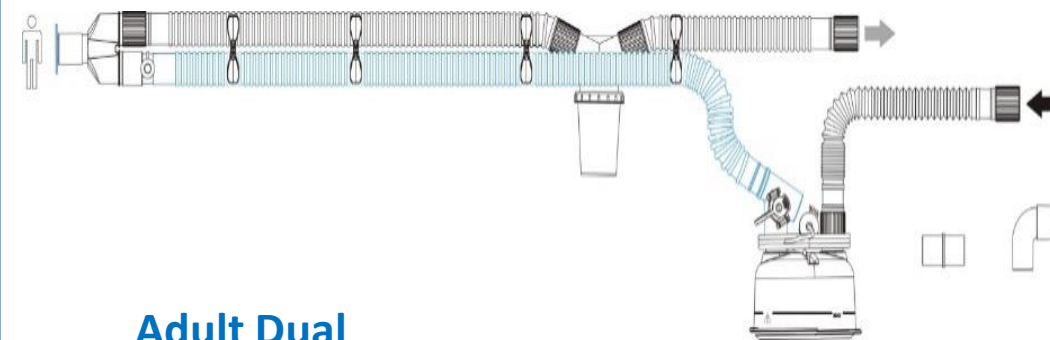


- 일회용/ 재사용 가능 타입
- Highly Sensitive:  
매우 정교하게 water-maximum level 인지
- ISO 국제규격 (22M connection port)
- 물 수위를 어느 방향에서나 확인할 수 있는  
360도 water level mark 디자인
- Heating 시간을 최소화하기 위한 넓은 면적의  
Bottom Design

# Type & Configuration

H781 / H782

H741 / H742

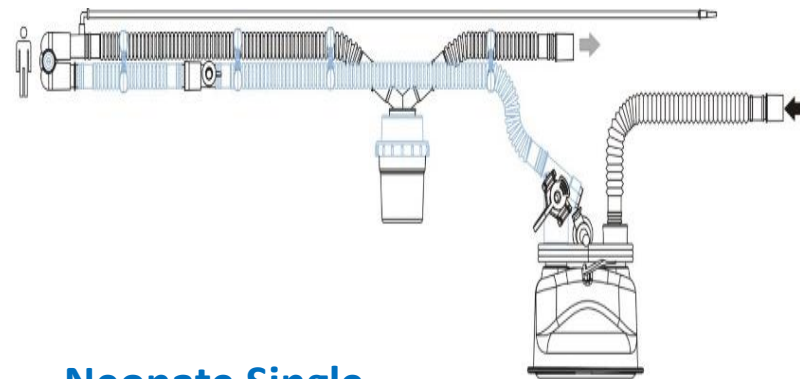
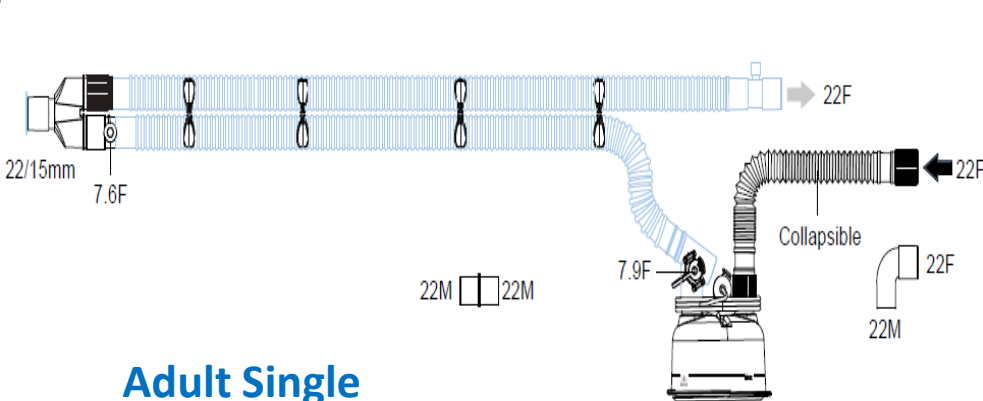


Adult Dual

Neonate Dual

H772

H732



Adult Single

Neonate Single



# Order Information

## Humi.AIDE Heated Wire Circuit

Reference	Product Name	Packaging
H772	Adult Single Heated Wire Circuit with Chamber	10pck/carton
H781	Adult Dual Heated Wire	10pck/carton
H782	Adult Dual Heated Wire Circuit with Chamber	10pck/carton
Reference	Product Name	Packaging
H732	Neonate Single Heated Wire Circuit with Chamber	10pck/carton
H741	Neonate Dual Heated Wire Circuit	10pck/carton
H742	Neonate Dual Heated Wire Circuit with Chamber	10pck/carton

## Humidification Chamber

Reference	Product Name	Packaging
3431	Auto-Feeding Neonatal Humidification Chamber	12 sets/box
3423	Auto-Feeding Humidification Chamber	12 sets/box

# Clinical Guide

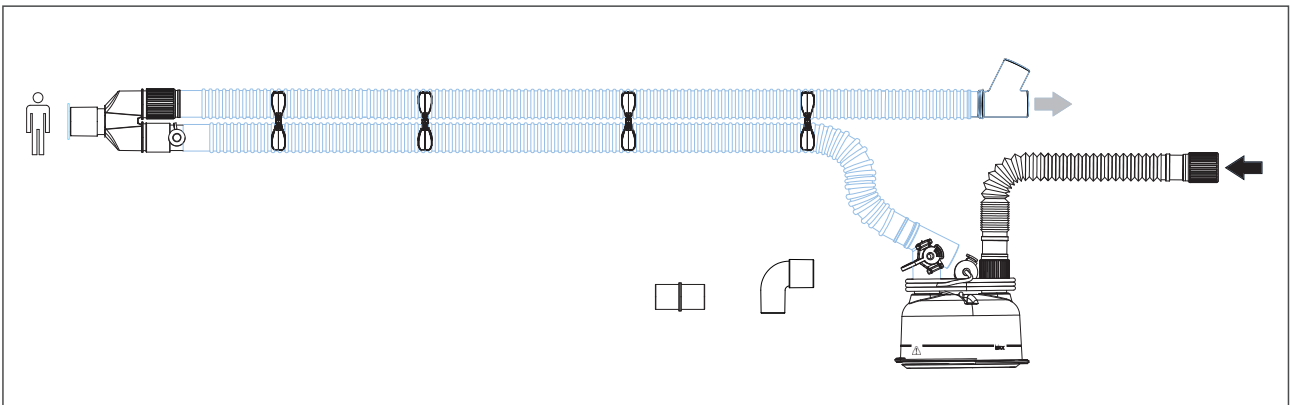
- 온도  
Inspiratory Gas Temperature
  - No Higher than 37°C
  - No lower than 30°C
- 가습  
Minimum humidity Level : 33mg H<sub>2</sub>O/L

출처: Respiratory Care Service – John Dempsey Hospital Policy and Procedure Manual

# Humi.AIDE™ Dual Heated Wire Circuit (Adult)



Features	Benefits
Spiral Heated Wire	Designed to reduce condensation and provide efficient humidity to improve patient's comfort and reduce problems induced by dry air
Cap and Tube Organizer	For testing and better organization of tubing
Auto-feeding Chamber	High efficiency chamber for continuous use
Single Patient Use	Up to 7 days to minimize the risk of cross-infection
Biocompatible & ISO conformance	Materials and functions conform to international standard



## Order Information

Adult						
REF	Patient Y with Cap	Dual Heated, 22F Cuff			Tube Clips & Connector Kit	Chamber
		Inhale (Heated)	Exhale (Heated)	Chamber		
H781	22/15mm	140cm	140cm	Collapsible 60cm	1 set	-
H782					1 set	1 set

## Specifications

### Functions:

- Resistance, compliance and leakage conform to ISO 5367:2000 for breathing circuit
- Humidity output of circuit and chamber conforms to ISO 8185:2007
- Materials single patient use, up to 7 days, conform to ISO 10993

### Dimensions:

- Patient port: 22mm and 15mm conform to ISO 5356-1:2004
- Machine cuff: 22mm ID
- Temperature port: 7.6F
- Tubing: see table

### Heated Wire:

- Inhale: 14.7 Ohms, connector: 1.0mm OD (twin)
- Exhale: 13.3 Ohms, connector: 1.0mm OD (twin)

### Humidification Chamber:

- Adult auto-feeding chamber: 22mm, 130ml

### Tube Clip & Connector Kit:

- 1 pc of 22M, 22M straight connector
- 1 pc of 22M, 22F elbow connector
- 4 pcs of tube clip (organizer)

### Optional Accessories:

- LDS catheter mount
- NIV face mask
- Disposable manual-feeding chamber

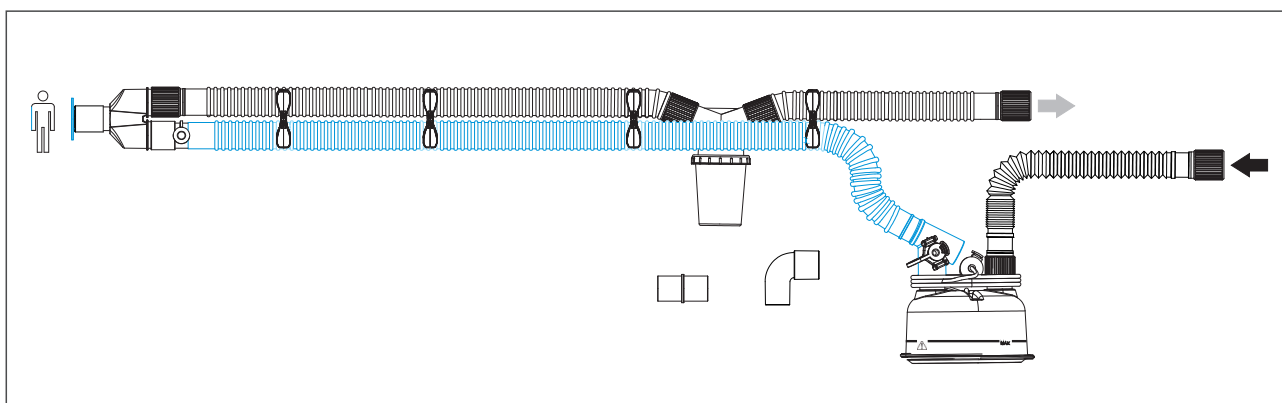
### Package:

- Adult: 1 set/pkg, 10set/box

# Humi.AIDE™ Single Heated Wire Circuit (Adult)



Features	Benefits
Spiral Heated Wire in Inspiratory Limb	Designed to reduce condensation and provide efficient humidity to improve patient's comfort and reduce problems induced by dry air
Cap and Tube Organizer	For testing and better organization of tubing
Auto-feeding Chamber	High efficiency chamber for continuous use
Single Patient Use	Up to 7 days to minimize the risk of cross-infection
Biocompatible & ISO conformance	Materials and functions conform to international standard



## Order Information

Adult							
REF	Patient Y with Cap	Single Heated, 22F Cuff			Water Trap	Tube Clips & Connector Kit	Chamber
		Inhale (Heated)	Exhale (Non-Heated)	Chamber			
H771	22/15mm	140cm	100 + 50cm	Collapsible 60cm	22M	1 set	-
H772						1 set	1 set

## Specifications

### Functions:

- Resistance, compliance and leakage conform to ISO 5367:2000 for breathing circuit
- Humidity output of circuit and chamber conforms to ISO 8185:2007
- Materials single patient use, up to 7 days, conform to ISO-10993

### Dimensions:

- Patient port: 22mm and 15mm conform to ISO 5356-1
- Machine cuff: 22mm ID
- Temperature port: 7.6F
- Tubing: see table

### Heated Wire:

- Inhale: 14.7 Ohms, connector: 1.0mm OD (twin)

### Humidification Chamber:

- Adult auto-feeding chamber: 22mm, 130ml

### Water Trap:

- Adult water trap (1 pc): 22M, 65 ml

### Tube Clip & Connector Kit:

- 1 pc of 22M, 22M straight connector
- 1 pc of 22M, 22F elbow connector
- 4 pcs of tube clips (organizer)

### Optional Accessories:

- LDS catheter mount.
- NIV face mask.
- Disposable manual-feeding humidification chamber

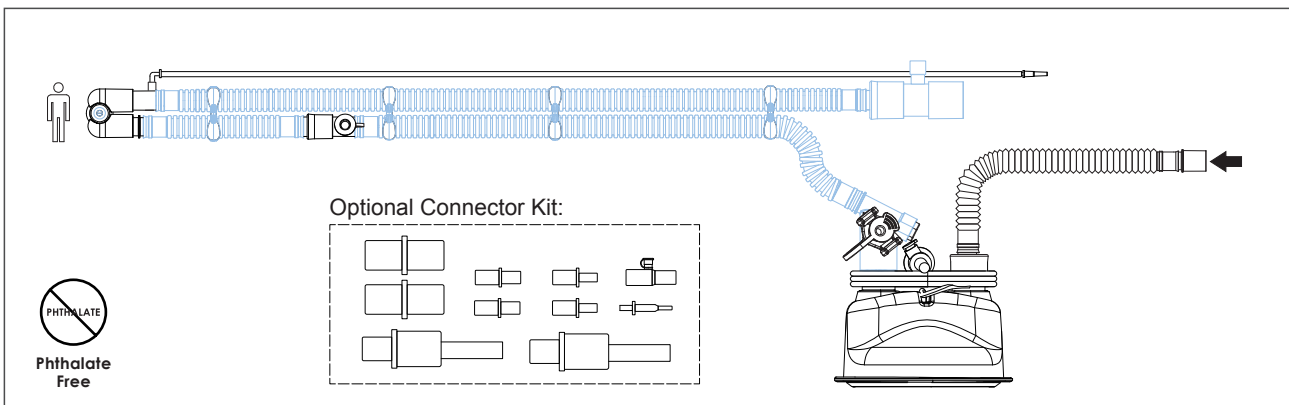
### Package:

- Adult: 1 set/pkg, 10set/box

# Humi.AIDE™ Dual Heated Wire Circuit (Neonate)



Features	Benefits
Spiral Heated Wire and Dual Heated Limb	Designed to reduce condensation and provide efficient humidity to improve patient's comfort and reduce problems induced by dry air
Suction Port, Cap and Tube Organizer	Suction port on patient connector. Cap for testing and better organization of tubing
Neonate Auto-feeding Chamber	High efficiency chamber for continuous use
Single Patient Use	Up to 7 days to minimize the risk of cross-infection
Biocompatible & ISO conformance	Materials and functions conform to international standard



## Order Information

Neonate						
REF	Patient Y with Cap	Dual Heated Limb			Pressure Line	Chamber
		Inhale (Heated)	Exhale (Heated)	Chamber		
H741	15F, w/ suction port	140cm	140cm	60cm	180cm	-
H742	15F, w/ suction port	140cm	140cm	60cm	180cm	1 set

## Specifications

### Functions:

- Resistance, compliance and leakage conform to ISO 5367:2000 for breathing circuit
- Humidity output of circuit and chamber conforms to ISO 8185:2007
- Materials single patient use, up to 7 days, conform to ISO-10993
- Non-phthalate PVC for pressure line

### Dimensions:

- Patient port: 22mm and 15mm conform to ISO 5356-1:2004
- Machine cuff: 22mm ID
- Temperature port: 7.6F
- Pressure port: 4.3F
- Tubing: see table

### Heated Wire:

- Inhale: 21.5 Ohms, connector: 1.0mm OD (twin)
- Exhale: 17.0 Ohms, connector: 1.0mm OD (twin)

### Humidification Chamber:

- Neonate auto-feeding chamber: 22mm, 130ml

### Optional Connector Kit:

- 2pcs - 15F, 22F, 10/7.6mm
- 2pcs - 22/15mm, 22mm
- 2pcs - 10F, 10F
- 2pcs - 10F, 7.6M
- 1pc -10/7.6mm, 10F, 4.3F (Luer) for pressure monitoring
- 1pc - 4.1F (tapered) for pressure line

### Optional Accessories:

- LDS catheter mount
- CS (Closed Suction) water trap
- Disposable manual-feeding chamber

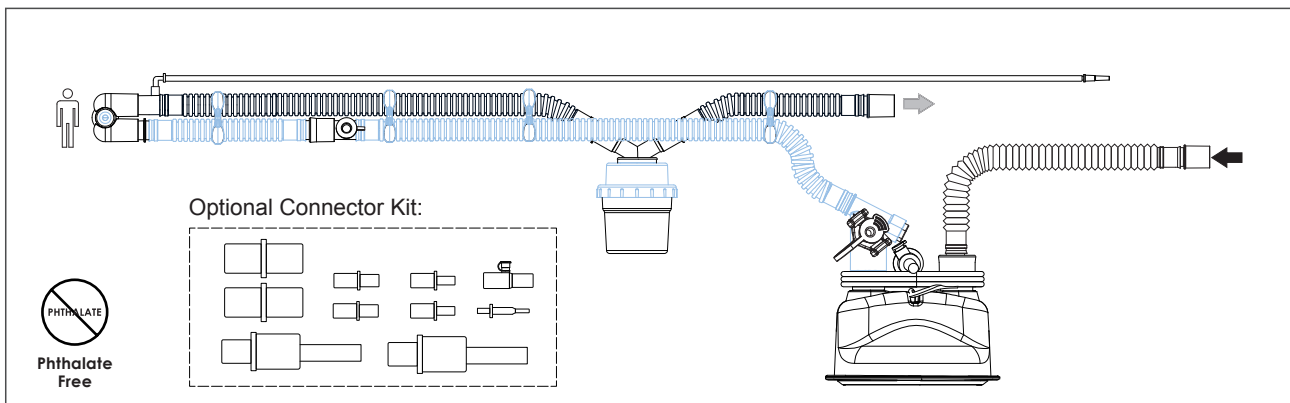
### Package:

- Neonate: 1 set/pkg, 10sets/box

# Humi.AIDE™ Single Heated Wire Circuit (Neonate)



Features	Benefits
Spiral Heated Wire in Inspiratory Limb	Designed to reduce condensation and provide efficient humidity to improve patient's comfort and reduce problems induced by dry air
Suction Port, Cap and Tube Organizer	Suction port on patient connector. Cap for testing and better organization of tubing
Neonate Auto-feeding Chamber	High efficiency chamber for continuous use
Single Patient Use	Up to 7 days to minimize the risk of cross-infection
Biocompatible & ISO conformance	Materials and functions conform to international standard



## Order Information

Neonate							
REF	Patient Y with Cap	Single Heated Limb			Pressure Line	Water Trap	Chamber
		Inhale (Heated)	Exhale (Non-Heated)	Chamber			
H731	15F, suction port	140cm	150cm	60cm	180cm	STD	-
H732	15F, suction port	140cm	150cm	60cm	180cm	STD	1set

## Specifications

### Functions:

- Resistance, compliance and leakage conform to ISO 5367:2000 for breathing circuit
- Humidity output of circuit and chamber conforms to ISO 8185:2007
- Materials single patient use, up to 7 days, conform to ISO-10993
- Non-phthalate PVC for pressure line

### Dimensions:

- Patient port: 15mm conform to ISO 5356-1:2004
- Machine cuff: 22mm ID
- Temperature port: 7.6F
- Pressure port: 4.3F
- Tubing: see table

### Heated Wire:

- Inhale: 21.5 Ohms, connector: 1.0mm OD (twin)

### Humidification Chamber:

- Neonate auto-feeding chamber: 22mm, 130ml

### Water Trap:

- STD (Standard) type: 10M connector, 25ml

### Optional Connector Kit:

- 2pcs - 15F, 22F, 10/7.6mm
- 2pcs - 22/15mm, 22mm
- 2pcs - 10F, 10F
- 2pcs - 10F, 7.6M
- 1pc - 10/7.6mm, 10F, 4.3F (Luer) for pressure monitoring
- 1pc - 4.1F (tapered) for pressure line

### Optional Accessories:

- LDS catheter mount
- CS (Closed Suction) water trap

### Package:

- Neonate: 1 set/pkg, 10set/box