

# MAQUET

## ServoCare

PRODUCTS AND ACCESSORIES

CATALOG ISSUED OCTOBER 2004

CRITICAL CARE



\* GETINGE

The ServoCare program encompasses everything you will need to ensure safe and reliable operation of your ventilators, from upgrades to technical maintenance. In this catalog you will find products, accessories, software upgrades and consumables that you can use

to further increase the performance of your equipment.

For further information on what the ServoCare program has to offer, please contact your local sales or service representative.

## Note!

Not all products listed in this catalog are available in all countries. For details contact your local representative.

Products known to contain latex are indicated as such.

For information on compatibility, use and application of the products and accessories listed in this catalog, refer to the appropriate User's guide or Service manual.

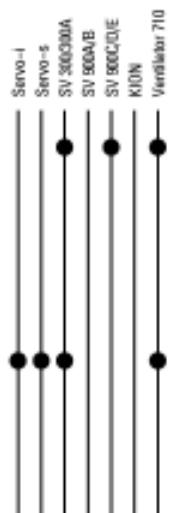
Accessories labeled as 'Replacement part' are considered 'spare parts' for one of two reasons: They are supplied solely for replacement of existing components of medical devices which have received medical device approval prior to June 1998 or they are only parts of a medical device, not a finished product.

For online information please refer to [www.maquet.com/criticalcare](http://www.maquet.com/criticalcare)

## How to find accessories in the catalog

Accessories for different products are indicated by dots on the vertical lines, see example below.

Products and accessories can also be found by the Alphabetical index and the Order number index at the end of the catalog.



### Consumables

O<sub>2</sub> cell with O-ring

Type MSA

**90 04 979**

Type Envitec

**64 19 332**

Filter for O<sub>2</sub> cell, 25 each

**93 03 892**



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## Servo-i

Each Servo-i ventilator configuration must start with the following:

- Servo-i base unit
- Servo-i country kit
- Basic software (Servo-i Adult software, Servo-i Infant software or Servo-i Universal software)

Note! Softwares are factory installed and are specific for each individual Servo-i ventilator. In order to define software installations, each configuration must be specified on an individual order form.

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### Servo-i base unit

**64 87 800**

- Including:
  - User interface
  - Patient unit
  - Battery module
  - Test tube (blue)
  - O<sub>2</sub> cell for Servo-i/Servo-s
  - Test Lung 190
  - Neonatal test lung 191
  - One extra expiratory cassette
  - Installation instructions





## Servo-i

### Further information material

- Service manual
- Computer Interface Emulator (CIE) – Reference manual
- Textbook for presentations (incl. PowerPoint presentation to textbook on CD-ROM)
- Physiology of respiration, Carbon dioxide – Training material, workbook
- Humidification and filtration of respiratory gases – Training material
- Product data sheet:
  - Servo-i Universal
  - Servo-i Adult
  - Servo-i Infant
- System flow chart
- Pocket guides:
  - Modes of ventilation
  - Lung Recruitment
  - Non Invasive Ventilation (NIV)
- Brochure
- Golden moments in mechanical ventilation – Brochure
- Open Lung Tool – Folder (empty)
- A new dimension in ventilatory efficiencies – PowerPoint presentation, CD-ROM
- Golden moments in mechanical ventilation – PowerPoint presentation, CD-ROM
- 11 Clinical lectures (CD Symposium)
- 9 Installation reports
- Golden Moments ... – 8 different posters
- Open Lung Tool – Quick info
- Infosheet:
  - Software options
  - Open Lung Tool
  - Use of the Open Lung Tool
- Servo-i – 5 different posters

## Servo-i country kit



### Servo-i country kit

English, DISS connections, North American power cable

**65 94 597**

English US, DISS connections, North American power cable

**65 24 388**

English, AGA connections, European power cable

**64 87 792**

English, NIST connections, European power cable

**65 24 396**

German, NIST connections, European power cable

**65 23 943**

German, AGA connections, European power cable

**65 24 438**

French, DISS connections, North American power cable

**65 24 404**

French, French standard connections, European power cable

**65 23 950**

French, AGA connections, European power cable

**65 24 412**

Spanish/American, AGA connections, North American power cable

**65 23 968**

Spanish/European, AGA connections, European power cable

**65 24 420**

Italian, NIST connections, European power cable

**65 23 976**

Swedish, AGA connections, European power cable

**65 23 984**

Danish, AGA connections, European power cable

**65 68 104**

Finnish\*, AGA connections, European power cable

**66 66 296**

Norwegian\*, AGA connections, European power cable

**66 70 262**

Portuguese, AGA connections, European power cable

**65 68 138**

Dutch, NIST connections, European power cable

**65 68 120**

Greek, French standard connections, European power cable

**65 68 088**

Turkish, NIST connections, European power cable

**65 68 112**

Russian, AGA connections, European power cable

**66 66 288**

Chinese, NIST connections, North American power cable

**66 66 270**

Japanese, AGA connections, North American power cable

**65 23 992**

\* User interface in English, language specific user's manual

■ Including:

- Gas inlet connections
- Mains power inlet cable
- User's manual
- Brief operating instructions
- Routine cleaning – wall diagram

■ Alternative mains power inlet cable can be ordered separately (see "Accessories")



## Servo-i basic software

Servo-i Universal software

**65 24 206**

For all patient categories; neonate, pediatric and adult

Standard ventilation modes:

- Controlled ventilation:
  - Pressure Control (PC)
  - Volume Control (VC)
  - Pressure Regulated Volume Control (PRVC)
- Supported ventilation:
  - Volume Support (VS)
  - Pressure Support (PS)/CPAP
- Combined ventilation:
  - SIMV (VC) + PS
  - SIMV (PC) + PS
  - SIMV (PRVC) + PS
- Optional ventilation mode:
  - Combined ventilation:
    - Bi-Vent
- Additional options:
  - Automode<sup>®</sup> (Pressure/Volume/PRVC)
  - Nebulizer
  - Open Lung Tool<sup>®</sup>
  - CO<sub>2</sub> Analyzer
  - Alarm output connector for external alarm
  - Non Invasive Ventilation (NIV) (Pressure Support, Pressure Control)
- Including:
  - Ventilation range for all patient categories
  - Backup ventilation



## Servo-i basic software

Servo-i Adult software

**65 24 214**

For adult patients

Standard ventilation modes:

- Controlled ventilation:
  - Volume Control (VC)
- Supported ventilation:
  - Pressure Support (PS)/CPAP
- Combined ventilation:
  - SIMV (VC) + PS

Optional ventilation modes:

- Controlled ventilation:
    - Pressure Control (PC)
    - Pressure Regulated Volume Control (PRVC)
  - Supported ventilation:
    - Volume Support (VS)
  - Combined ventilation:
    - SIMV (PC) + PS (included in the PC option)
    - SIMV (PRVC) + PS (included in the PRVC option)
    - Bi-Vent
- Additional options:
- Automode<sup>®</sup> (Pressure/Volume/PRVC)
  - Upgrade to Servo-i Universal all patient categories (Adult & Infant)
  - Nebulizer
  - Open Lung Tool<sup>®</sup>
  - CO<sub>2</sub> Analyzer
  - Alarm output connector for external alarm
  - Non Invasive Ventilation (NIV) (Pressure Support, Pressure Control)
- Including:
    - Backup ventilation



## Servo-i basic software

Servo-i Infant software

**65 24 222**

For neonatal to pediatric patients

Standard ventilation modes:

- Controlled ventilation:
  - Pressure Control (PC)
- Supported ventilation:
  - Pressure Support (PS)/CPAP
- Combined ventilation:
  - SIMV (PC) + PS
- Optional ventilation modes:
  - Controlled ventilation:
    - Volume Control (VC)
    - Pressure Regulated Volume Control (PRVC)
  - Supported ventilation:
    - Volume Support (VS)
  - Combined ventilation:
    - SIMV (VC) + PS (included in the VC option)
    - SIMV (PRVC) + PS (included in the PRVC option)
  - Bi-Vent
- Additional options:
  - Automode<sup>®</sup> (Pressure/Volume/PRVC)
  - Upgrade to Servo-i Universal all patient categories (Adult & Infant)
  - Nebulizer
  - Open Lung Tool<sup>®</sup>
  - CO<sub>2</sub> Analyzer
  - Alarm output connector for external alarm
  - Non Invasive Ventilation (NIV) (Pressure Support, Pressure Control)
- Including:
  - Backup ventilation

Servo-i Univers.  
Servo-i Adult  
Servo-i Infant



## Servo-i software options

### Note!

- One software option must be ordered for each individual ventilator.
- When ordering software options for existing Servo-i ventilators, the ventilator serial number must always be stated. The software can only be installed on the ventilator with the stated serial number.
- When ordering software options for different ventilators at the same time they will normally be delivered on the same PC Card unless otherwise requested.

### Upgrade transfer card, Servo-i

**65 32 639**

- Necessary for transfer of software upgrade options when upgrading existing Servo-i ventilators
- One upgrade transfer card can be used to upgrade multiple Servo-i ventilators

### Upgrade transfer E-delivery, Servo-i

**66 50 100**

- Software upgrade options can be delivered by E-delivery via the Software Download intranet website "<http://swdownload.maquet.se>", using this order number instead of sending the software on an upgrade transfer card.
- Will be sequentially launched in different countries.
- Please contact Maquet Critical Care, Solna, Sweden for further information.
- Including:
  - User's manual (as pdf-file)
- A Software download card (see below) is recommended for transfer from receiver computer to ventilator.

### Software download card

**66 67 245**

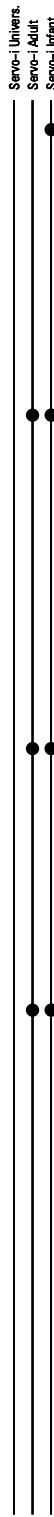
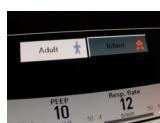
- "Empty" PC card. Contributes to ensure a controlled and certified transfer of software via the Software Download intranet website "<http://swdownload.maquet.se>" into the Servo-i/Servo-s with maintained quality.

### Pressure Control (PC) software

**65 33 769**

In Pressure Control the ventilator delivers a flow to maintain the preset pressure at a preset respiratory rate and during a preset inspiratory time. The pressure is constant during the inspiratory time and the flow is decelerating. If for any reason pressure decreases during inspiration the flow from the ventilator will immediately increase to maintain the set inspiratory pressure.

- Including:
  - SIMV (PC)+PS
- One software option must be ordered for each individual ventilator. See also "Note!" above.



## Servo-i software options

### Volume Control (VC) software

**65 33 785**

In Volume Control the ventilator delivers the preset tidal volume with a constant flow during the preset inspiratory time with the preset pause time and at the preset respiratory rate. The peak pressure can vary from breath to breath if the patient's compliance and resistance changes.

- Including:

- SIMV (VC)+PS

- One software option must be ordered for each individual ventilator. See also "Note!" above.

### PRVC software

**65 33 744**

Pressure Regulated Volume Control (PRVC) is a controlled mode of ventilation which combines the advantages of Volume Controlled and Pressure Controlled Ventilation. The ventilator delivers the preset tidal volume with the lowest possible pressure. The pressure is constant during the set inspiratory time and the flow is decelerating. The set tidal volume is achieved by automatic, breath-by-breath pressure regulation.

- Including:

- SIMV (PRVC)+PS

- One software option must be ordered for each individual ventilator. See also "Note!" above.

### Volume Support (VS) software

**65 33 751**

Volume Support is a spontaneous mode; the patient has to initiate the breath and the ventilator delivers support in proportion to the inspiratory effort and the target volume. The set tidal volume will be delivered to the patient with different support from the ventilator depending on the patient's activity. The inspiratory flow will be decelerating.

- One software option must be ordered for each individual ventilator. See also "Note!" above.

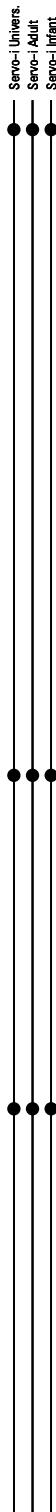
### Upgrade to Servo-i Universal all patient categories (Adult & Infant)

**65 33 793**

Upgrade to Servo-i Universal all patient categories allows an existing Servo-i Adult or Servo-i Infant to be upgraded to have the same parameter settings as Servo-i Universal.

- Please note that no ventilation modes are included – they must be ordered separately if wanted (see "Servo-i – System Flow Chart" for details).

- One software option must be ordered for each individual ventilator. See also "Note!" above.



## Servo-i software options

### Automode® software

#### **65 33 140**

Automode is a ventilator functionality where the ventilator adapts to the patient's varying breathing capacity and automatically shifts between a control mode and a support mode, using a fixed combination of ventilation modes.

- Servo-i Adult upgrade note: Automode on Servo-i Adult requires at least one of the following software upgrades (for extended functionality two or three of these alternatives are recommended):
  - Volume Support – 65 33 751 E407E (for use together with existing Volume Control)
  - Pressure Control – 65 33 769 E407E (for use together with existing Pressure Support)
  - PRVC – 65 33 744 E407E, together with Volume Support – 65 33 751 E407E
- Servo-i Infant upgrade note: Automode on Servo-i Infant uses existing Pressure Support together with Pressure Control. For extended functionality one or two of the following software upgrades are recommended:
  - Volume Control – 65 33 785 E407E together with Volume Support – 65 33 751 E407E
  - PRVC – 65 33 744 E407E together with Volume Support – 65 33 751 E407E
- One software option must be ordered for each individual ventilator. See also "Note!" above.

### Open Lung Tool® software

#### **65 33 173**

The Open Lung Tool (OLT) is a real-time monitoring option that looks at the changes in lung mechanics during the clinical application of a recruitment strategy. The OLT can be used for graphical visualization of measured and calculated values for easier interpretation of patient response to user controlled lung recruitment procedures. The OLT can also be used as a breath by breath trend monitor of collected and stored parameter data.

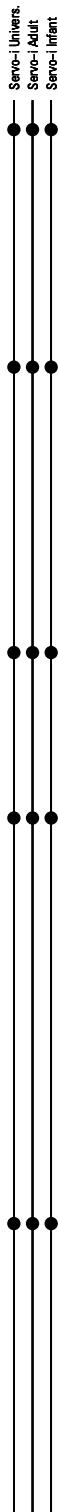
- Servo-i Adult upgrade note: Pressure Control (PC) software upgrade is recommended
- One software option must be ordered for each individual ventilator. See also "Note!" above.

### Ultra Nebulizer software, Servo-i

#### **65 33 033**

The Servo Ultra Nebulizer operates continuously regardless of ventilation mode setting. No extra gas volume is added to the inspiratory minute volume and thus neither the ventilator settings nor the readings are affected.

- Requires Servo Ultra Nebulizer, Servo-i (see "Nebulizers"). (Aeroneb Pro requires no software.)
- One software option must be ordered for each individual ventilator. See also "Note!" above.



## Servo-i software options

### Bi-Vent software, Servo-i

**65 33 157**

Bi-Vent is pressure controlled breathing, giving the patient the opportunity of unrestricted spontaneous breathing. Two pressure levels are set together with the individually set duration of each level. Spontaneous efforts can be assisted by pressure support at both pressure levels.

- One software option must be ordered for each individual ventilator. See also "Note!" above.

### CO<sub>2</sub> Analyzer software, Servo-i

**65 33 462**

The CO<sub>2</sub> Analyzer allows for continuous monitoring shown in a waveform indicating the CO<sub>2</sub> concentration. Numerical presentations of End Tidal CO<sub>2</sub> concentration (etCO<sub>2</sub>), CO<sub>2</sub> minute elimination and CO<sub>2</sub> tidal elimination are also shown on the screen.

- Requires CO<sub>2</sub> Analyzer Module, Servo-i (see chapter "Servo gas monitoring")
- One software option must be ordered for each individual ventilator. See also "Note!" above.

### Alarm output connector software, Servo-i

**66 49 748**

- Requires Alarm output connector kit/upgrade kit (see "Accessories")
- One software option must be ordered for each individual ventilator. See also "Note!" above.

### Non Invasive Ventilation (NIV) software, Servo-i

**66 67 187**

Non Invasive Ventilation (NIV) refers to mask-based ventilation. NIV provides an effective leakage compensation, thus maintaining the pressure set to the patient. NIV supports ventilation in the Pressure Control and Pressure Support modes. In the case of apnea, a ventilator controlled breathing frequency is automatically activated to maintain desired ventilation during NIV.

- Supported ventilation modes:
  - Pressure Control (PC)
  - Pressure Support (PS)
- Servo-i Adult upgrade note: Pressure Control (PC) software upgrade is recommended
- One software option must be ordered for each individual ventilator. See also "Note!" above.

### Ventilation Record Card

**65 33 181**

The Ventilation Record Card allows for transfer of patient data from the ventilator system to a PC. Data can then be further processed and stored.

- Including:
  - User's manual

## Servo-s

Each Servo-s ventilator configuration must start with the following:

- Servo-s base unit
- Servo-s country kit
- Servo-s basic software

Note! Softwares are factory installed and are specific for each individual Servo-s ventilator. In order to define software installations, each configuration must be specified on an individual order form.



### Servo-s base unit

**66 40 440**

- Including:
  - Test tube (blue)
  - O<sub>2</sub> cell for Servo-i/Servo-s
  - Test Lung 190
  - One extra expiratory cassette
  - Installation instructions



### Further information material



- Service manual
- Computer Interface Emulator (CIE) – Reference manual
- Product data sheet
- System flow chart
- Brochure
- Folder (empty)
- Pocket guides:
  - Modes of ventilation
  - Non Invasive Ventilation (NIV)
- Textbook for presentations
- Physiology of respiration, Carbon dioxide – Training material, workbook
- Humidification and filtration of respiratory gases – Training material
- Product presentation
- Sales presentation
- Servo-s – Product poster

## Servo-s

### Servo-s base unit with Compressor Mini

With Compressor Mini 115 V/60 Hz, English, PSI pressure indicator, DISS air connections, US color marking

**66 63 731**

With Compressor Mini 230 V/50 Hz, English, kPa pressure indicator, AGA air connections, ISO color marking

**66 63 749**

- For other language than English: add one of the following order numbers to the order number above:

German

**65 45 284**

French

**65 45 292**

Spanish

**65 45 300**

Italian

**65 45 318**

Swedish\*

**65 40 533**

Russian\*

**66 64 283**

Chinese\*

**66 64 275**

\* User interface in English, language specific user's manual

- Compressor Mini:

- Capacity 30 Nl/min at 350 kPa (50 PSI)
- With standby function
- With tank 1.25 l
- Modification nipples for alternative air connections (with alternative colour markings) are available (see "Gas supply – Accessories")
- For stand-alone use (if not mounted on a cart) a stand-alone mounting kit must be ordered (see chapter "Gas supply – Accessories")

- Including:

- Test tube (blue)
- O<sub>2</sub> cell for Servo-i/Servo-s
- Test Lung 190
- One extra expiratory cassette
- Mounting kit for Compressor Mini on Servo-s Mobile Cart
- Operating Manual for Compressor Mini
- Installation instructions



### Further information material

- Service manual
- Computer Interface Emulator (CIE) – Reference manual
- Product data sheet
- System flow chart
- Brochure

## Servo-s



### Further information material

- Folder (empty)
- Pocket guides:
  - Modes of ventilation
  - Non Invasive Ventilation (NIV)
- Textbook for presentations
- Physiology of respiration, Carbon dioxide – Training material, workbook
- Humidification and filtration of respiratory gases – Training material
- Product presentation
- Sales presentation
- Servo-s – Product poster



## Servo-s country kit

### Servo-s country kit

English, DISS connections, North American power cable

**66 50 027**

English US, DISS connections, North American power cable

**66 51 173**

English, AGA connections, European power cable

**66 50 035**

English, NIST connections, European power cable

**66 50 043**

German, NIST connections, European power cable

**66 51 181**

German, AGA connections, European power cable

**66 51 199**

French, DISS connections, North American power cable

**66 50 068**

French, French standard connections, European power cable

**66 51 207**

French, AGA connections, European power cable

**66 50 076**

Spanish/American, AGA connections, North American power cable

**66 50 050**

Spanish/European, AGA connections, European power cable

**66 51 215**

Italian, NIST connections, European power cable

**66 51 249**

Portuguese, AGA connections, European power cable

**66 50 084**

Dutch, NIST connections, European power cable

**66 51 256**

Greek, French standard connections, European power cable

**66 51 264**

Turkish, NIST connections, European power cable

**66 51 272**

Russian, AGA connections, European power cable

**66 66 015**

Chinese, NIST connections, North American power cable

**66 66 023**

Japanese, AGA connections, North American power cable

**66 50 092**

■ Including:

- Gas inlet connections
- Mains power inlet cable
- User's manual
- Routine cleaning – wall diagram

■ Alternative mains power inlet cable can be ordered separately (see "Accessories")



## Servo-s basic software

Servo-s basic software

**66 66 361**

Ventilation modes:

- Controlled ventilation:
  - Volume Control (VC)
  - Pressure Control (PC)
- Supported ventilation:
  - Pressure Support (PS)/CPAP
- Combined ventilation:
  - SIMV (VC) + PS

Options:

- Alarm output connection for external alarm
- Non Invasive Ventilation (NIV) (Pressure Support, Pressure Control)

## Servo-s software options

### Note!

- One software option must be ordered for each individual ventilator.
- When ordering software options for existing Servo-s ventilators, the ventilator serial number must always be stated. The software can only be installed on the ventilator with the stated serial number.
- When ordering software options for different ventilators at the same time they will normally be delivered on the same PC Card unless otherwise requested.



### Upgrade transfer card, Servo-s

**66 47 999**

- Necessary for transfer of software upgrade options when upgrading existing Servo-s ventilators
- One upgrade transfer card can be used to upgrade multiple Servo-s ventilators

### Upgrade transfer E-delivery, Servo-s

**66 70 245**

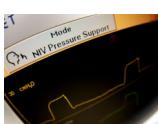
- Software upgrade options can be delivered by E-delivery via the Software Download intranet website "<http://swdownload.maquet.se>", using this order number instead of sending the software on an upgrade transfer card.
- Will be sequentially launched in different countries.
- Please contact Maquet Critical Care, Solna, Sweden for further information.
- Including:
  - User's manual (as pdf-file)
- A Software download card (see below) is recommended for transfer from receiving computer to ventilator.



### Software download card

**66 67 245**

- "Empty" PC card. Contributes to ensure a controlled and certified transfer of software via the Software Download intranet website "<http://swdownload.maquet.se>" into the Servo-i/Servo-s with maintained quality.



### Non Invasive Ventilation (NIV) software, Servo-s

**66 67 286**

Non Invasive Ventilation (NIV) refers to mask-based ventilation. NIV provides an effective leakage compensation, thus maintaining the pressure set to the patient. NIV supports ventilation in the Pressure Control and Pressure Support modes. In the case of apnea, a ventilator controlled breathing frequency is automatically activated to maintain desired ventilation during NIV.

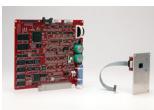
- Supported ventilation modes:
  - Pressure Control (PC)
  - Pressure Support (PS)
- One software option must be ordered for each individual ventilator
- When ordering software options for existing Servo-s ventilators, the ventilator serial number must always be stated. The software can only be installed on the ventilator with the stated serial number.



## Servo-s software options

Alarm output connection software, Servo-s  
**66 50 019**

- One software option must be ordered for each individual ventilator
- When ordering software options for existing Servo-s ventilators, the ventilator serial number must always be stated. The software can only be installed on the ventilator with the stated serial number.

Servo-i	Servo-s	SV 2020A	SV 800 C/DE	KION
				
				
				
				
				
				
				

## Accessories

### Mains power inlet cable (Power cord)

Europe, CEE 7, 3.5 m

**61 06 504**

North America, 5-15R (Hospital grade), 3.5 m

**63 98 254**

Great Britain, BS 1363, 3.5 m

**66 70 310**

### Battery module

**64 87 180**

- For Servo-i:
  - Each battery module occupies one plug-in slot
  - 6 plug-in slots are available
  - One battery module is delivered with the Servo-i base unit
- Replacement part for Servo-s

### Alarm output connector kit

**66 49 730**

- For Servo-i from serial no 10001
- Alarm output connector software, Servo-i must be installed in the ventilator before connection (see chapter "Ventilators – Servo-i software options")
- Including:
  - Connector with cable on mounting plate
  - Installation instructions

### Alarm output connector upgrade kit

**66 49 789**

- For Servo-i up to serial no 10000
- Alarm output connector software, Servo-i must be installed in the ventilator before connection (see chapter "Ventilators – Servo-i software options")
- Including:
  - Connector with cable on mounting plate
  - PC board 1772
  - Installation instructions

### Loudspeaker booster kit

**66 66 593**

- Only for factory installation



## Accessories

#### Loudspeaker booster upgrade kit

66 51 280

- To be monted in the Servo-i/Servo-s user interface
  - Including:
    - Loudspeaker
    - Booster part
    - Assembly parts
    - Sticker
    - Installation instructions

#### **Standard accessories for ventilators**

61 03 386

- Including:
    - Calibration manometer
    - Test Lung 190
    - Hexagonal wrench, 5 mm

Calibration manometer 120 cm H<sub>2</sub>O/120 mbar/12 kPa

61 03 527

Test Lung 190

60 06 832

#### **Neonatal calibration kit for SV 300**

English

English  
64 06 487

- Including:
    - Neonatal test lung 191
    - Silicone rubber muff infant, straight, 22–15 mm int. diam., 2 each
    - Adapter 15–10 mm out. diam., 2 each
    - Instructions for calibration and checks

---

Neonatal test lung 191

63 01 720

---

Magnetic Resonance Imaging kit for SV 900C/D/E

Magnolia  
62 11 341

- Including:
    - Calibration manometer with non-magnetic pointer
    - Cover for ventilator meters with labels, 2 each
    - Label for ventilator
    - Operating Manual

– Operating Manual  
Not available in USA

Servo-i	Servo-s	SV 300/300A	SV 800/800E	KION
				
				
				
				
				
				
				
				

## Accessories

Expiratory cassette

**64 47 960**

---

Insulation shield with water collector, 5 each

**66 47 890**

■ For expiratory cassette

■ Including:  
– Installation instructions

---

Expiratory channel complete, SV 300, incl. flow transducer

**60 79 896**

■ Including:  
– Installation Instructions

---

Expiratory channel SV 300, without flow transducer

**62 04 460**

---

User interface panel cover

**65 67 130**

■ Including:  
– Installation instructions

---

Front panel cover, SV 300

**63 89 501**

■ Including:  
– Installation instructions

---

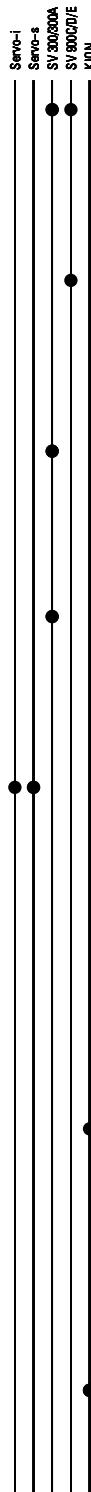
Expiratory inlet water trap

**63 89 303**

---

Expiratory inlet moisture trap

**68 07 358**



## Accessories

Cup for water trap/moisture trap

**66 96 678**

Output junction box for SV 900C/D/E

**93 58 474**

Connection cable, 2 m, for synchronization of two SV 300

**61 50 085**

- The ventilators must be equipped with communication interface option
- Including:
  - Operating Manual

Connection cable 24 V, 1.8 m, BP 351 – SV 300

**61 50 838**

- For use between Battery Pack 351 and Servo Ventilator 300

Test tube (blue)

**64 87 941**

Depressurizing tool, NO

**64 63 678**

Not available in USA

PC support arm

**66 47 619**

- For KION
- Height adjustable support arm
- Including:
  - Mounting adapter for medical grade panel PC
  - Keyboard tray
  - Cable clips
  - Installation instructions

Patient cassette, complete

**65 37 737**

Servo-i	Servo-s	SV 300/300A	SV 800/800E	KION
				
				
				
				
				
				
				
				

## Accessories

Bellows and support plate, complete  
**64 90 788**

Bellows  
**61 02 128**

Bellows housing  
**64 09 606**

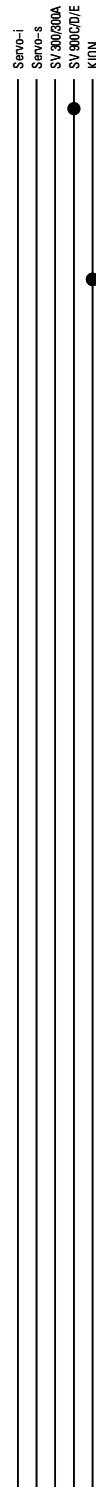
CO<sub>2</sub> Absorber (empty) 0,9 l  
**65 62 370**

Absorber canister  
**66 02 473**

Absorber lid complete  
**66 02 481**

Spare parts kit case for Servo-i  
**66 50 175**

Service kit case for SV 300/300A  
**62 04 650**



## Accessories

Service kit case for SV 900C/D/E

**90 05 125**

- Without operating time meter and O<sub>2</sub> cell

---

Spare parts kit case for KION

**64 91 000**

---

Servo-i	Servo-s	SV 30/30A	SV 900A/B	SV 900C/D/E	KION	Ventilator 70
●	●					
			●			
				●		
					●	
						●



## Consumables

### Maintenance kit 5,000 hours

**65 32 621**

- For Servo-i and Servo-s
- Including:
  - Bacteria filter for gas module, 2 each
  - Bacteria filter for insp. pressure transducer 0.8 µm (blue)
  - Filter for O<sub>2</sub> cell
  - Nozzle unit, 2 each

---

### Maintenance kit 3,000 hours, for SV 300

**61 50 929**

- Including:
  - Bacteria filter for gas module, 2 each
  - Bacteria filter, 28 mm diameter (0.3 µm)
  - Bacteria filter with 13 cm tube and nipple, for exp. pressure transducer
  - Screen (mesh net) for flow transducer incl. screw
  - Diaphragm for gas module, 2 each
  - Expiratory valve tube
  - Filter for O<sub>2</sub> cell
  - O-ring 6.1x1.6, 2 each
  - Nozzle unit, 2 each

---

### Maintenance kit 1,000 hours, for SV 300

**62 04 296**

- Including:
  - Bacteria filter with 13 cm tube and nipple, for exp. pressure transducer
  - Screen (mesh net) for flow transducer incl. screw
  - Expiratory valve tube

---

### Maintenance kit, NO/NO<sub>2</sub> monitor

**64 63 926**

- Including:
    - PC 1729 sensor with NO and NO<sub>2</sub> cells and batteries. Four screws and a self-adhesive sticker, indicating expiry date of the PC 1729 sensor, are included
    - Water trap manifold including tubes and two screws
    - Water trap
    - Bacteria filter 28 mm (0.8 µm), 2 each
    - Nafion tube
    - Inlet and outlet sampling tube
    - Diaphragm and O-ring for nozzle unit NO
- Not available in USA

---

### Exchange set for SV 900A/B/C/D/E

**90 05 141**

- Including:
  - Bacteria filter, 94 mm diameter
  - Bellows
  - Bacteria filter, 28 mm diameter (0,3 µm)
  - Rubber valve, 2 each
  - Bacteria filter with 27 cm tube, for insp. pressure transducer
  - Screen (mesh net) for flow transducer incl. screw
  - Bacteria filter with 13 cm tube, for exp. pressure transducer

	Servo-i	Servo-s	SV 20280A	SV 300A/B	SV 300C/D/E	KION	Ventilator 710
							
							
							
							

## Consumables

### Maintenance kit 6 months for KION

**64 63 009**

■ Including:

- Bacteria filter, 28 mm diameter (0.3 µm) , 3 each
- Rubber valve, 2 each
- Screen (mesh net) for flow transducer incl. screw
- Bacteria filter with 25 cm tube and nipple for PEEP

### Maintenance kit 12 months for KION

**64 63 017**

■ Contents: See KION Service manual

### Maintenance kit for Ventilator 710

**93 77 110**

■ Including:

- Set of tubes with filter
- Filter for O<sub>2</sub> cell
- Tube for pop-off valve
- Breathing bag 3 l
- Mushroom valve, 3 each
- Screen (mesh net) for flow transducer incl. screw
- Non-return valve, incl. Valve disc 26.5 mm out. diam.
- Valve disc, 25 mm out. diam.

### Replacement part

#### Bacteria filter, 28 mm diameter (0.8 µm), 10 each

**65 94 878**

■ For insp. pressure transducer Servo-i/Servo-s

#### Bacteria filter for gas module

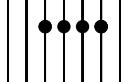
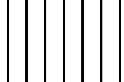
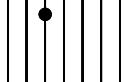
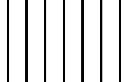
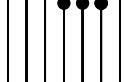
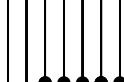
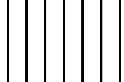
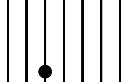
**61 69 416**

#### Bacteria filter, 94 mm diameter

**64 54 243**

#### Bellows

**61 03 683**

Servo-i	Servo-s	SV 300/30A	SV 900/48	SV 900/48E	KION	Ventilator 70
						
		●	●	●	●	●
			●			
			●	●	●	●
		●	●	●	●	●
			●			
				●	●	●
					●	●
						●

## Consumables

Bacteria filter, 28 mm diameter (0.3 µm)

**64 57 956**

- For insp. pressure transducer SV 300
- For safety valve SV 900

Expiratory valve tube

**60 68 295**

Rubber valve, 2 each

**63 43 438**

Screen (mesh net) for flow transducer incl. screw

**64 24 030**

Bacteria filter with 13 cm tube and nipple, for exp. pressure transducer,

50 each

**60 79 979**

Bacteria filter with 13 cm tube, for exp. pressure transducer, 50 each

**90 04 532**

Bacteria filter with 27 cm tube, for insp. pressure transducer, 10 each

**90 30 578**

O<sub>2</sub> cell for Servo-i/Servo-s

**66 40 044**

- Servo-i requires software version 1.02.04 or higher
- Can be used for all Servo-s versions

Servo-i	Servo-s	SV 202/300A	SV 300A/B	SV 300C/D/E	KION	Ventilator 70
						
						
						
						
						
						
						
						

## Consumables

O<sub>2</sub> cell with O-ring

Type MSA

**90 04 979**

Type Envitec

**64 19 332**

---

Filter for O<sub>2</sub> cell, 25 each

**93 03 892**

---

Mushroom valve, 5 each

**64 71 887**

---

Non-return valve for KION, 2 pcs

**65 06 708**

---

Set of tubes with filter, 25 each

**93 03 900**

Replacement part

---

Tube for pop-off valve, 25 each

**93 43 799**

Replacement part

---

Breathing bag, bag-in-bottle, 3 l

**91 73 691**

Replacement part

---

Mushroom valve

**92 00 387**

## Carts



Servo-i Mobile Cart with drawers  
**64 86 729**

- Including:
  - Installation instructions



Servo-i Mobile Cart without drawers  
**65 94 845**

- Including:
  - Installation instructions



Servo-i Mobile Cart for Compressor Mini  
**66 32 603**

- Only for use together with Compressor Mini
- Installation instructions are included with Compressor Mini



Mobile Cart Servo-s  
**66 50 506**

- Including:
  - Installation instructions

## Mounts for wall/shelf/bed



### Servo-i Holder

**64 87 313**

- For rail 10 x 25 mm
- With hooks for bed mount
- Including:
  - Installation instructions



### Servo-i Shelf Base

**65 94 639**

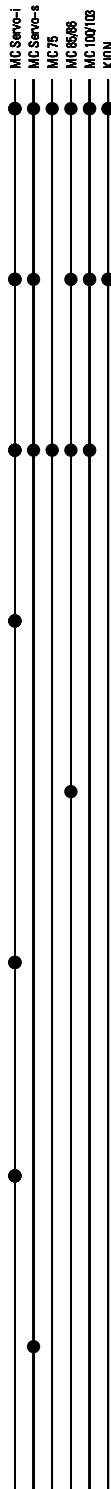
- For fixed mount on a shelf etc.
- 4 screws for mounting must be arranged locally
- Including:
  - Installation instructions



### Shelf base Servo-s

**66 50 001**

- For fixed mount on a shelf etc.
- 4 screws for mounting must be arranged locally
- Including:
  - Installation instructions



## Accessories

### Rail clamp

10 x 25 mm

**60 38 801**

10 x 30 mm

**60 38 819**

---

### Clamp, 1 slot

**93 58 193**

■ Including:

- Installation instructions

---

### Hook with hook holder

**93 68 952**

---

### Drawer kit for Servo-i Mobile Cart

**66 32 611**

■ Including:

- Installation instructions

---

### Drawer, 41 cm wide

**61 77 542**

■ Including:

- Mounting tools

---

### Gas trolley

**65 32 910**

■ With docking mechanism for gas trolley on Servo-i Mobile Cart

■ Including:

- Wall clamp for gas trolley docking
- Gas cylinder holder
- Installation instructions

---

### Gas cylinder restrainer Servo-i

**65 24 339**

■ Including:

- Installation instructions

---

### Gas cylinder restrainer Servo-s

**66 50 514**

■ Including:

- Installation instructions



MC Servo-i	MC Servo-s	MC 75	MC 85/86	MC 100/103	KION
					

## Accessories

IV pole  
**64 81 738**

- Including:
  - Installation instructions

---

Mounting kit for Compressor Mini on Mobile Cart 85/86/100/103  
**65 45 136**

- Installation instructions are included with Compressor Mini

---

Holder for Servo Ventilator 300 patient unit  
**62 68 572**

---

Wall clamp, 1 slot  
**92 44 369**

---

Wall clamp, 3 slots  
**92 44 377**



## Manual ventilation accessory

Manual ventilation accessory without motor

**90 80 623**

- For SV 900C/D, for use during Magnetic Resonance Imaging
  - With O<sub>2</sub> flush connection for quick coupling (AGA)
  - Without O<sub>2</sub> flush hose (see "Accessories")
  - Without tube and breathing bag (see "Accessories")
  - Including:
    - Operating Manual
- Not available in USA



## Accessories

Patient tube (silicone rubber) adult, 22 mm connections, 60 cm  
**66 06 248**

---

Patient tube (silicone rubber) adult, 22 mm connections  
85 cm  
**66 06 255**  
110 cm  
**66 06 263**

---

Patient tube (Hytrel®) adult, 22 mm connections, 60 cm  
**90 86 133**

---

Patient tube (Hytrel®) adult, 22 mm connections, 110 cm  
**90 86 141**

---

Patient tube (Hytrel®) infant, 22/15 mm connections, 60 cm  
**65 71 322**

---

Patient tube (silicone rubber) infant, 10 mm connections, 60 cm  
**66 96 504**

---

Patient tube (Hytrel®) infant, 10 mm connections, 60 cm  
**90 90 242**

---

Breathing bag 3 l  
**64 81 589**

# Manual ventilation

3



## Accessories

Breathing bag 2 l  
**64 81 464**

Breathing bag 1 l  
**64 81 571**

Breathing bag 0.5 l, infant  
**64 81 472**

Tube joint adult, 22 mm out. diam., 15 mm int. diam.  
**64 25 581**

Adapter 15–10 mm out. diam., 5 each  
**61 89 000**

O<sub>2</sub> flush hose (white) with O<sub>2</sub> connection for 6 mm hose  
**62 46 297**

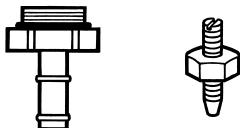
Breathing bag arm with angled adapter  
**65 37 133**

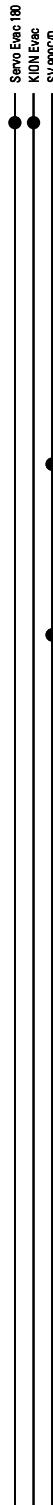
Adapter 15–15 mm out. diam.  
**90 85 648**

## Servo Evac 180

Servo Evac 180, basic set  
**91 51 465**

- Gas inlet connection with 30 mm out. diam.
- Outlet nipple for 10 mm hose
- Including:
  - Outlet nipple for 6 mm hose (separate)
  - Outlet throttle screw with nut (separate)
  - Connection cone 30 mm int. diam.–22 mm out. diam. (disposable), 2 each
  - Connection tube 22 mm (disposable), 1.1 m
  - Dust filter
  - Evac bag, 3 l
  - Gas reservoir tube, 30 cm
  - Pin wrench
  - Operating Manual





## Accessories

Evac bag, 3 l

**91 51 457**

■ For Servo Evac 180

---

NO scavenging adapter SV 300 NO

**64 64 528**

Not available in USA

---

Safety valve for gas evacuation (gas-tight) 120 cm H<sub>2</sub>O, for SV 900C/D/E

**90 13 368**

---

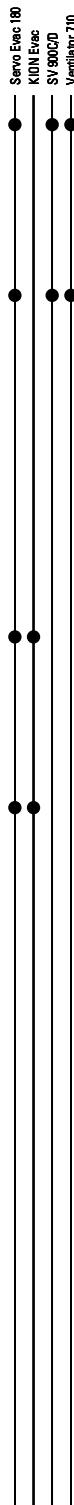
Coupling piece for safety valve (for gas evacuation), for SV 900

**69 75 122**

---

# Gas evacuation

4



## Consumables

Connection cone 30 mm int. diam.–22 mm out. diam. (disposable), 6 each  
**93 77 896**

- For connection tube 22 mm (disposable, 61 89 646 E354E)

---

Connection tube 22 mm int. diam. (disposable), 50 m  
**61 89 646**

- Between ventilator/gas collector and Servo Evac 180

---

Sampling tube NO 1.8 m  
**64 59 221**

Not available in USA

---

Gas reservoir tube, 26 mm int. diam., 30 cm (disposable), 5 each  
**91 54 287**

- For Servo Evac 180

---

Dust filter, 25 each  
**91 69 483**

- For Servo Evac 180

## O<sub>2</sub>-Air Mixer 961

### O<sub>2</sub>-Air Mixer 961



#### ■ Including:

- Holder for rail 10x25 mm
- Hexagonal wrench, 4 mm
- Operating Manual

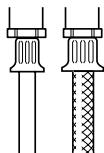
Not available in USA

5



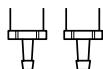
With hoses 3 m (O<sub>2</sub> 6 mm int. diam., air 8 mm int. diam.)

**62 51 156**



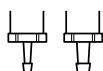
With connections for 6 mm O<sub>2</sub> hose, for 8 mm air hose, without hoses

**62 46 354**



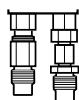
With connections for 4 mm O<sub>2</sub> hose, for 8 mm air hose, without hoses

**68 07 614**



With threaded connections (NIST), without hoses

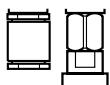
**68 82 658**



With threaded connections (Dräger), without hoses

**64 22 372**

## O<sub>2</sub>-Air Mixer 961



With quick coupling connections (French standard), without hoses

**93 69 109**

## O<sub>2</sub>-N<sub>2</sub>O/O<sub>2</sub>-Air Mixer 962

### O<sub>2</sub>-N<sub>2</sub>O/O<sub>2</sub>-Air Mixer 962



- Switchable between O<sub>2</sub>-N<sub>2</sub>O and O<sub>2</sub>-Air
- Including:
  - Holder for rail 10×25 mm
  - Hexagonal wrench, 4 mm
  - Operating Manual

5

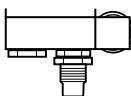


With hoses 3 m (O<sub>2</sub> 6 mm int. diam., air 8 mm int. diam., N<sub>2</sub>O 6 mm int. diam.)  
with AGA male quick couplings

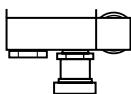
**62 51 164**



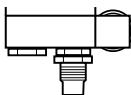
With threaded connections (NIST), without hoses  
**96 10 023**



With quick coupling connections (French standard), without hoses  
**93 69 117**



With threaded connections (DISS), without hoses  
**90 65 871**



With threaded connections (Dräger), without hoses  
**64 24 915**



# Gas supply

## O<sub>2</sub>-Air Mixer 965

### O<sub>2</sub>-Air Mixer 965

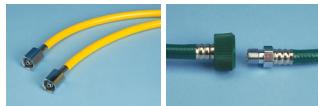


- Including:
  - Holder for rail 10x25 mm
  - Hexagonal wrench, 4 mm
  - Operating Manual



5

With threaded connections (DISS), incl. hoses (4.5 m with DISS fittings)  
**93 41 173**



## Compressor

### Compressor Mini

115 V/60 Hz, English, PSI pressure indicator, DISS air connections, US color marking

**64 81 779**

230 V/50 Hz, English, kPa pressure indicator, AGA air connections, ISO color marking

**64 81 787**

- For other language than English: add one of the following order numbers to the order number above:

German

**65 45 284**

French

**65 45 292**

Spanish

**65 45 300**

Italian

**65 45 318**

Swedish\*

**65 40 533**

Russian\*

**66 64 283**

Chinese\*

**66 64 275**

\* User interface in English, language specific user's manual

- Modification nipples for alternative air connections (with alternative colour markings) are available (see "Accessories")

■ Capacity 30 Nl/min at 350 kPa (50 PSI)

■ With standby function

■ With tank 1.25 l

■ Including:

– Mounting kit for Compressor Mini on Servo-i/Servo-s Mobile Cart

– Operating Manual

– Installation instructions

■ Alternative mounting kit for Mobile Cart 85/86/100/103 can be ordered separately (see chapter "Carts – Accessories")

■ For stand-alone use (if not mounted on a cart) a stand-alone mounting kit must be ordered (see chapter "Gas supply – Accessories")

### Further information material

■ Service Manual

■ Product data sheet



Servo-i  
Servo-s  
SV 20280A  
GM 961  
GM 962  
GM 965  
Compr. Mini  
KION

## Accessories



High pressure air hose (black/white) 8 mm int. diam., 30 m  
**90 30 677**



T-piece (Air) for 8 mm hose  
**95 73 460**



High pressure O<sub>2</sub> hose (white) 3 m, with quick couplings (AGA)  
**62 37 189**



High pressure air hose (black/white) 3 m, with quick couplings (AGA)  
**91 04 472**



High pressure N<sub>2</sub>O hose (blue), 3 m, with quick couplings (AGA)  
**91 04 464**



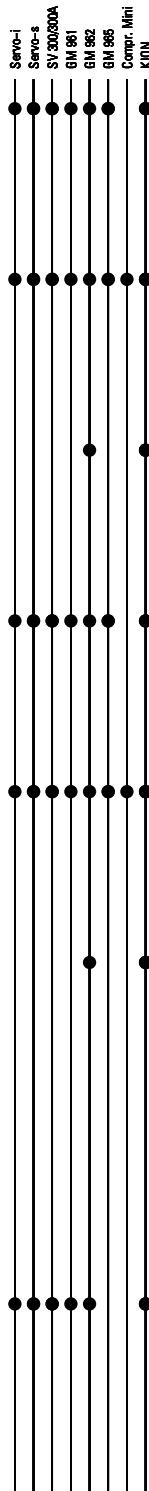
High pressure O<sub>2</sub> hose, NIST/German  
3 m  
**64 55 054**  
5 m  
**64 55 062**



High pressure Air hose, NIST/German  
3 m  
**64 55 070**  
5 m  
**64 55 088**



High pressure N<sub>2</sub>O hose, NIST/German  
3 m  
**64 55 096**  
5 m  
**64 55 104**



## Accessories

High pressure O<sub>2</sub> hose (NIST connections)

3 m  
**62 37 049**  
5 m  
**62 51 321**

High pressure air hose (NIST connections)

3 m  
**62 37 064**  
5 m  
**62 51 305**

High pressure N<sub>2</sub>O hose (NIST connections)

3 m  
**62 37 056**

High pressure O<sub>2</sub> hose (French standard connections)

3 m  
**62 37 684**  
5 m  
**62 37 585**

High pressure air hose (French standard connections)

3 m  
**62 37 692**  
5 m  
**62 37 601**

High pressure N<sub>2</sub>O hose (French standard connections)

5 m  
**62 37 593**

DISS hose O<sub>2</sub> (DISS male/DISS female)

4.5 m  
**64 19 761**

DISS hose O<sub>2</sub> (DISS female/DISS female)

4.5 m  
**64 19 944**



	servo-i servo-s SV 20280A GM 961 GM 962 GM 965 Compr. Mini KDN
	DISS hose air (DISS male/DISS female) 4.5 m <b>64 19 787</b>
	■ For connection between wall air outlet and compressor standby function
	DISS hose N <sub>2</sub> O (DISS male/DISS female) 4.5 m <b>64 19 779</b>
	DISS hose N <sub>2</sub> O (DISS female/DISS female) 4.5 m <b>64 81 746</b>
	Air filter assembly (DISS female/DISS female) <b>64 19 951</b>
	Pressure stabilization tank with quick coupling, NO <b>64 37 490</b> Not available in USA
	Male quick coupling for air (AGA) with nipple for hose 8 mm int. diam. <b>66 05 919</b>
	Female quick coupling (AGA) for O <sub>2</sub> , straight With nipple for hose 6 mm int. diam. White <b>61 33 008</b>

## Accessories

DISS hose air (DISS male/DISS female)

4.5 m  
**64 19 787**

■ For connection between wall air outlet and compressor standby function

DISS hose air (DISS female/DISS female)

1.5 m  
**66 70 300**  
4.5 m  
**64 81 753**

DISS hose N<sub>2</sub>O (DISS male/DISS female)

4.5 m  
**64 19 779**

DISS hose N<sub>2</sub>O (DISS female/DISS female)

4.5 m  
**64 81 746**

Air filter assembly (DISS female/DISS female)

**64 19 951**

Pressure stabilization tank with quick coupling, NO

**64 37 490**

Not available in USA

Male quick coupling for air (AGA) with nipple for hose 8 mm int. diam.

**66 05 919**

Female quick coupling (AGA) for O<sub>2</sub>, straight

With nipple for hose 6 mm int. diam.

White  
**61 33 008**



Servo-i  
Servo-s  
SV 202/204  
GM 961  
GM 962  
GM 965  
Compr. Mini  
KION

## Accessories



Pressure regulator for O<sub>2</sub> and air (for gas mixer)

4 mm O<sub>2</sub> hose

**69 28 634**

6 mm O<sub>2</sub> hose

**62 51 255**

- With water collector/filter for air
- Including:
  - Operating Manual

Pressure regulator for O<sub>2</sub> (for gas mixer)

4 mm O<sub>2</sub> hose

**69 28 899**

6 mm O<sub>2</sub> hose

**62 51 248**

- Including:
  - Operating Manual

Manometer for pressure regulator, 10 bar/1 MPa

**69 53 954**



3-quick connector air (AGA connections, black/white), with bracket for clamp

**93 17 736**

Stand-alone mounting kit for Compressor Mini

**65 95 396**

- Mandatory for stand-alone use of Compressor Mini (if not mounted on a cart)
- Installation instructions are included with Compressor Mini

Mounting kit for Compressor Mini on Mobile Cart 85/86/100/103

**65 45 136**

- Installation instructions are included with Compressor Mini



Servo-i  
Servo-s  
SV 30/300A  
GM 961  
GM 962  
GM 965  
Compr. Mini  
KION

## Accessories

### Modification kit for alternative connection, for Compressor Mini

- Including:
  - Inlet connection
  - Outlet connection
  - Alternative color marking (for AGA and French standard)
  - Installation instructions

AGA connections

**65 45 219**

DISS connections

**65 45 227**

NIST connections

**65 45 235**

French standard connections

**65 45 243**



Compr. Mini  
Compr. Comp.



## Consumables for compressors

Maintenance kit 5,000 hours, for Compressor Mini  
**65 95 016**

- Including:
  - Dust filter
  - Cooler dust filter
  - Air inlet filter
  - Water separator filter

Maintenance kit 10,000 hours, for Compressor Mini  
**65 95 404**

- Including:
  - Dust filter
  - Cooler dust filter
  - Air inlet filter
  - Water separator filter
  - Shock absorber, 4 pcs
  - Overhaul kit

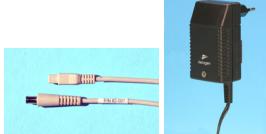
Maintenance kit for Compressor Compact  
**61 78 144**

- Contents: See Compressor Compact Service manual



Set of filters  
**61 78 151**

- Including:
  - Dust filter for air inlet, 2 each
  - Compressor inlet filter



## Aeroneb Pro

### Aeroneb® Pro Nebulizer System

English, North American power plug

**66 47 650**

English, European power plug

**66 47 684**

English, Australia/New Zealand power plug

**66 47 668**

English, Great Britain power plug

**66 47 676**

German, European power plug

**66 47 718**

French, European power plug

**66 47 700**

Spanish, North American power plug

**66 47 783**

Spanish, European power plug

**66 47 775**

Italian, European power plug

**66 47 734**

Swedish, European power plug

**66 47 791**

Danish, European power plug

**66 47 635**

Finnish, European power plug

**66 47 692**

Portuguese, European power plug

**66 47 759**

Dutch, European power plug

**66 47 643**

Greek, European power plug

**66 47 726**

Russian, European power plug

**66 47 767**

Chinese, European power plug

**66 47 627**

Japanese, North American power plug

**66 47 742**

■ Including:

- Control module
- Control module cable, 1.7 m
- Medical grade AC/DC adapter 100 – 240 V / 9 V, with mains power plug
- Nebulizer unit with filler cap
- Adult T-adapter with plug \*
- Universal mounting bracket
- Equipment mount adapter
- Instruction Manual

\* Pediatric T-adapter and neonatal adapter kit can be ordered separately (see "Accessories")

■ A flexible holder for Aeroneb Pro to Servo-i Mobile Cart is to be ordered separately (see "Accessories")

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### Further information material

■ Product data sheet



## Servo Ultra Nebulizer, Servo-i

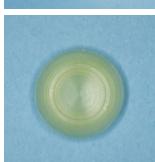
Servo Ultra Nebulizer, Servo-i

**65 33 025**

■ Ultra Nebulizer software, Servo-i must be installed in the ventilator before connection (see chapter "Ventilators – Servo-i software options")

■ Including:

- Nebulizer patient unit (ultrasonic generator and T-piece)
- Medication cup (disposable), 10 each
- Connection cable, 2 m
- Holder for nebulizer patient unit, with bracket for clamp
- T-piece (extra)
- Injection membrane for T-piece, 5 each (extra)
- Servo Guard bacterial/viral filter, 2 each
- Adapter 22 – 10 mm out. diam., 2 each
- Adapter 15 – 10 mm out. diam., 5 each
- Patient tube (silicone rubber) infant (10 mm connections), 10 cm
- Cable clip for adult tube, 3 each
- Cable clip for infant tube, 3 each
- Installation instructions



## Servo Ultra Nebulizer 145



### Servo Ultra Nebulizer 145

With mains power inlet cable Europe, CEE 7

**64 88 311**

With mains power inlet cable North America, 5–15R

**64 81 332**

■ Standalone nebulizer

■ Including:

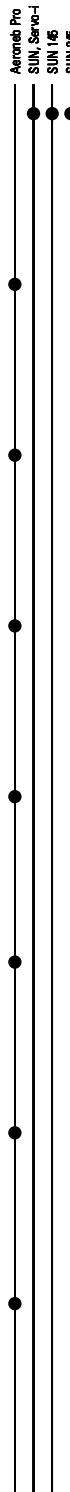
- Control unit with power supply unit
- Patient unit (ultrasonic generator and T-piece)
- Mains power cable
- Medication cup (disposable), 10 each
- Connection cable, 2 m
- Holder for nebulizer patient unit, with bracket for clamp
- T-piece (extra)
- Injection membrane for T-piece, 5 each (extra)
- Servo Guard bacterial/viral filter, 2 each
- Adapter 22 – 10 mm out. diam., 2 each
- Adapter 15 – 10 mm out. diam., 5 each
- Patient tube (silicone rubber) infant (10 mm connections), 10 cm
- Cable clip for adult tube, 3 each
- Cable clip for infant tube, 3 each
- Hexagonal wrench, 3 mm
- Operating manual

### Further information material

■ Product data sheet

■ Service manual





## Accessories

### Rail clamp

10 x 25 mm

**60 38 801**

10 x 30 mm

**60 38 819**

---

### Flexible holder for Aeroneb Pro

**66 70 212**

- Including:

- Installation instructions

---

### Adult T-adapter with plug, 5 each

**66 47 817**

- 22 mm out. diam./22 mm int. diam. connections

---

### Pediatric T-adapter with plug, 5 each

**66 47 825**

- 15 mm out. diam./15 mm int. diam. connections

---

### Neonatal adapter kit, 5 each

**66 47 833**

- Two adapters:

- 15 mm out. diam./10 + 7.5 mm out. diam.

- 15 mm int. diam./10 mm out. diam. + 7.5 mm int. diam.

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### Nebulizer unit with filler cap

**66 47 841**

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### Control module cable, 1.7 m

**66 47 858**

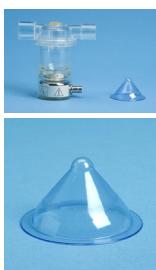
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### Filler cap, 5 each

**66 47 866**

## Nebulizers

6



Aeronaut Pro SUN, Service I SUN 1/15 SUN 1/16

## Accessories

T-adapter plug, 5 each

66 47 874

## Nebulizer patient unit

63 02 793

- Including:
    - Ultrasonic generator and T-piece.
    - Medication cup (disposable), 10 each.

---

## Nebulizer module

63 02 710

- To be mounted in Servo Ventilator 300
  - Including:
    - Hexagonal wrench, 5 mm.
    - Installation instructions

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Connection cable, 2 m

63 42 369

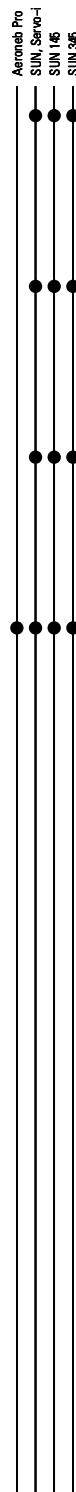
Holder for nebulizer patient unit, with bracket for clamp

63 02 769

### T-piece

63 02 777

# Nebulizers



## Accessories

Injection membrane for T-piece, 5 each  
**63 42 336**

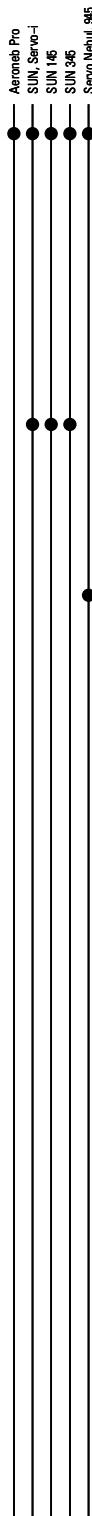
Adapter 22–10 mm out. diam., 2 each  
**63 50 438**

Adapter 15–10 mm out. diam., 5 each  
**61 89 000**

Patient tube (silicone rubber) infant, 10 mm connections  
10 cm, 5 each  
**64 06 909**

# Nebulizers

6



## Consumables

Servo Guard bacterial/viral filter, 50 each

**65 95 487**

- With water trap
- Including:
  - Operating Manual

Further information material

- Product data sheet

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Medication cup (disposable), 100 each

**63 50 305**

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Nebulizing chamber, 20 each

**64 71 226**

## Support arms

Support Arm 176  
**64 05 976**

- With clamp for rail 10 x 25/10 x 30 mm
- Including:
  - Adapter for rail 10 x 30 mm
  - Cable clip, 4 each
  - Installation instructions



Support Arm 177  
**64 81 720**

- For Servo-i and Servo-s
- Including:
  - Cable clip, 4 each
  - Installation instructions





Servo humidifier  
MR 450      MR 80730      MR 850



## Accessories

Set of patient tubes (silicone rubber), adult (22 mm connections), for Servo Humidifier  
**90 20 561**

■ Including:

- Patient tube (silicone rubber) adult (22 mm connections), 150 cm, 2 each
- Y-piece adult (22 mm patient tube connections), straight
- Assembling instructions with order form

Set of patient tubes (Hytrel® ), adult (22 mm connections), for Servo Humidifier  
**93 18 056**

■ Including:

- Patient tube (Hytrel) adult (22 mm connections), 150 cm, 2 each
- Y-piece adult (22 mm patient tube connections), straight
- Angled adapter (elbow), 22–15 mm out. diam./15 mm int. diam.
- Assembling instructions with order form

Set of patient tubes (silicone rubber), infant (10 mm connections), for Servo Humidifier  
**90 20 579**

■ Including:

- Patient tube (silicone rubber) infant (10 mm connections), 150 cm, 2 each
- Y-piece infant (10 mm patient tube connections), straight
- Adapter 15–10 mm out. diam., 2 each
- Assembling instructions with order form

Set of patient tubes (Hytrel® ), infant (10 mm connections), for Servo Humidifier  
**93 18 064**

■ Including:

- Patient tube (Hytrel) infant (10 mm connections), 150 cm, 2 each
- Y-piece infant (10 mm patient tube connections), straight
- Angled adapter (elbow), 22–15 mm out. diam./15 mm int. diam.
- Adapter 15–10 mm out. diam., 2 each
- Assembling instructions with order form

Set of patient tubes (Hytrel® ), infant (22/15 mm connections) for Servo Humidifier  
**66 06 128**

■ Including:

- Patient tube (Hytrel) infant (22/15 mm connections), 20 cm
- Patient tube (Hytrel) infant (22/15 mm connections), 150 cm, 2 each
- Y-piece infant (15 mm patient tube connections), straight
- Angled adapter (elbow), 22–15 mm out. diam./15 mm int. diam.
- Adapter 22–15 mm out. diam.



Servo humidifier  
MR 450  
MR 80/730  
MR 850



## Accessories

Set of patient tubes (silicone rubber), adult (22 mm connections), for tube heater humidifier

**93 81 484**

■ Including:

- Patient tube (silicone rubber) adult (22 mm connections), 30 cm
- Patient tube (silicone rubber) adult (22 mm connections), 60 cm, 2 each
- Patient tube (silicone rubber) adult (22 mm connections), 110 cm
- Y-piece adult (22 mm patient tube connections), straight
- Water trap, 1 each, with adapter 15–10 mm out. diam. with drip edge, 2 each
- Assembling instructions with order form

Set of patient tubes (Hytrel®) adult (22 mm connections), for tube heater humidifier

**93 81 492**

■ Including:

- Patient tube (Hytrel) adult (22 mm connections), 30 cm
- Patient tube (Hytrel) adult (22 mm connections), 60 cm, 2 each
- Patient tube (Hytrel) adult (22 mm connections), 110 cm
- Y-piece adult (22 mm patient tube connections), straight
- Water trap, 1 each, with adapter 15–10 mm out. diam. with drip edge, 2 each
- Assembling instructions with order form

Set of patient tubes (silicone rubber), adult (22 mm connections), for heater humidifier

**64 21 572**

■ Including:

- Patient tube (silicone rubber) adult (22 mm connections), 30 cm
- Patient tube (silicone rubber) adult (22 mm connections), 60 cm, 4 each
- Y-piece adult (22 mm patient tube connections), straight
- Water trap, 2 each, with adapter 15–10 mm out. diam. with drip edge, 4 each
- Assembling instructions with order form



Set of patient tubes (silicone rubber) infant (10 mm connections), for tube heater humidifier

**93 80 502**

■ Including:

- Patient tube (silicone rubber) infant (10 mm connections), 20 cm
- Patient tube (silicone rubber) infant (10 mm connections), 60 cm, 2 each
- Patient tube (silicone rubber) infant (10 mm connections), 110 cm
- Y-piece infant (10 mm patient tube connections), straight
- Water trap, 1 each, with adapter 15–10 mm out. diam. with drip edge, 2 each
- Probe housing infant 15–10 mm int. diam., with adapter 15–10 mm out. diam.
- Adapter 15–10 mm out. diam., 4 each
- Assembling instructions with order form

Servo humidifier  
MR 450  
MR 80/730  
MR 850



## Accessories

Set of patient tubes (Hytrel®) infant (10 mm connections), for tube heater humidifier

**93 80 510**

■ Including:

- Patient tube (Hytrel) infant (10 mm connections), 20 cm
- Patient tube (Hytrel) infant (10 mm connections), 60 cm, 2 each
- Patient tube (Hytrel) infant (10 mm connections), 110 cm
- Y-piece infant (10 mm patient tube connections), straight
- Water trap, 1 each, with adapter 15–10 mm out. diam. with drip edge, 2 each
- Probe housing infant 15–10 mm int. diam., with adapter 15–10 mm out. diam.
- Adapter 15–10 mm out. diam., 4 each
- Assembling instructions with order form

Set of patient tubes (silicone rubber) infant (10 mm connections), for heater humidifier

**66 97 023**

■ Including:

- Patient tube (silicone rubber) infant (10 mm connections), 20 cm
- Patient tube (silicone rubber) infant (10 mm connections), 60 cm, 4 each
- Y-piece infant (10 mm patient tube connections), straight
- Water trap, 2 each, with adapter 15–10 mm out. diam. with drip edge, 4 each
- Adapter 15–10 mm out. diam., 2 each
- Silicone rubber muff infant, straight, with adapter 15–10 mm out. diam.
- Silicone rubber muff infant, angled, with adapter 15–10 mm out. diam.
- Assembling instructions with order form

Set of patient tubes (Hytrel®) infant (22/15 mm connections), for tube heater humidifier

**66 06 136**

■ Including:

- Patient tube (Hytrel) infant (22/15 mm connections), 20 cm
- Patient tube (Hytrel) infant (22/15 mm connections), 40 cm, 2 each
- Patient tube (Hytrel) infant (22/15 mm connections), 60 cm, 2 each
- Patient tube (Hytrel) infant (22 mm connections), 60 cm
- Patient tube (Hytrel) infant (22/15 mm connections) with probe housing, 116 cm
- Water trap, 1 each, with adapter 15–10 mm out. diam. with drip edge, 2 each
- Y-piece infant (15 mm patient tube connections), straight
- Adapter 15–15 mm out. diam.
- Adapter 22–15 mm out. diam.



Servo humidifier  
MR 450  
MR 80/730  
MR 850



## Accessories

Patient tube (silicone rubber) adult, 22 mm connections

- 30 cm  
**66 06 230**
- 60 cm  
**66 06 248**
- 85 cm  
**66 06 255**
- 110 cm  
**66 06 263**
- 150 cm  
**68 88 127**

Patient tube (Hytrel®) adult, 22 mm connections

- 30 cm  
**90 86 125**
- 60 cm  
**90 86 133**
- 110 cm  
**90 86 141**
- 150 cm  
**91 26 525**

Patient tube (silicone rubber) infant, 10 mm connections

- 10 cm, 5 each  
**64 06 909**
- 20 cm  
**66 07 493**
- 60 cm  
**66 96 504**
- 85 cm  
**66 96 512**
- 110 cm  
**66 06 719**
- 150 cm  
**68 88 135**

Patient tube (Hytrel®) infant, 10 mm connections

- 20 cm  
**90 90 234**
- 60 cm  
**90 90 242**
- 110 cm  
**90 90 259**
- 150 cm  
**91 26 533**

Patient tube (Hytrel®) infant, 22 mm connections

- 60 cm  
**66 06 110**

# Patient connection

Servo humidifier	MR 450	MR 80/720	MR 880
			
			
			
			
			
			
			
			

## Accessories

Patient tube (Hytrel®) infant, 22/15 mm connections

20 cm

**65 71 298**

40 cm

**65 71 314**

60 cm

**65 71 322**

150 cm

**65 71 348**

Patient tube (Hytrel®) infant (22/15 mm connections) with probe housing

116 cm

**65 71 330**

Flex tube (Hytrel®) autoclavable, 15 mm connections, 15 cm

**91 26 970**

Angled connector with plug

**90 85 614**

Angled adapter (elbow), 22–15 mm out. diam./15 mm int. diam., 5 each

**90 37 730**

Tube joint adult, 22 mm out. diam., 15 mm int. diam.

**64 25 581**

Tube joint infant, 10 mm out. diam., 5 each

**61 89 018**

Adapter 15–15 mm out. diam.

**90 85 648**



Servo humidifier  
MR 450  
MR 80720  
MR 880



## Accessories

Adapter 15–10 mm out. diam., 5 each  
**61 89 000**



Adapter 22–15 mm out. diam.  
**65 62 610**



Silicone rubber muff adult, angled, 22–22 mm int. diam., with tube joint adult  
**67 34 479**



Silicone rubber muff infant, straight, 22–15 mm int. diam., with adapter  
15–10 mm out. diam.  
**66 97 262**



Silicone rubber muff infant, angled, 22–15 mm int. diam., with adapter  
15–10 mm out. diam.  
**66 97 270**



Water trap, 1 each, with adapter 15–10 mm out. diam. with drip edge, 2 each  
**66 97 585**



Cup for water trap/moisture trap  
**66 96 678**

# Patient connection



Servo humidifier  
MR 450  
MR 80/720  
MR 880



## Accessories

Adapter 15–10 mm out. diam. with drip edge, 5 each  
**66 96 744**

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Y-piece adult (22 mm patient tube connections), straight  
**64 87 248**

---

Y-piece infant (10 mm patient tube connections), straight  
**66 06 743**

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Y-piece infant (15 mm patient tube connections), straight  
**64 87 586**

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Sampling adapter NO  
**64 64 510**  
Not available in USA

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Probe housing adult, 22 mm out. diam., 22–15 mm int. diam.  
**91 31 905**

- For Fisher & Paykel Humidifier

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Probe housing infant 15–10 mm int. diam., with adapter 15–10 mm out. diam.  
**91 54 303**

- For Fisher & Paykel Humidifier

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Silicone rubber muff adult, for thermometer, with tube joint adult  
**66 98 690**



Servo humidifier  
MR 450  
MR 80/730  
MR 850



## Accessories

Silicone rubber muff infant, for thermometer, with adapter 15–10 mm out diam.

**66 97 205**

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Thermometer, for heater humidifier

**90 37 193**

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Breathing circuit kits (single use): See "Humidifiers – Consumables for Fisher & Paykel Humidifier"

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## Consumables

Servo Guard bacterial/viral filter, 50 each

**65 95 487**

- With water trap
- Including:
  - Operating Manual

Further information material

- Product data sheet

Breathing circuit kits (single use): See "Humidifiers – Consumables for Fisher & Paykel Humidifier"



# Humidifiers

## Servo Humidifiers

### Servo Humidifier 161

100 each

**64 19 340**



- Small volume
- For single use
- Including:
  - Operating Instructions

### Further information material

- Product data sheet
- Humidification and filtration of respiratory gases – Training material

### Servo Humidifier 162

100 each

**64 19 357**



- Regular volume
- For single use
- Including:
  - Operating Instructions

### Further information material

- Product data sheet
- Humidification and filtration of respiratory gases – Training material

### Servo Humidifier 163

100 each

**64 19 365**



- Regular volume
- For single use
- With flex tube
- Including:
  - Operating Instructions

### Further information material

- Product data sheet
- Humidification and filtration of respiratory gases – Training material





## Servo Filter Humidifiers

Servo Filter Humidifier 172

100 each

**64 19 373**

- Regular volume
- For single use
- With filter
- Including:
  - Operating Instructions



### Further information material

- Product data sheet
- Humidification and filtration of respiratory gases – Training material



Servo Filter Humidifier 173

100 each

**64 19 381**

- Regular volume
- For single use
- With filter and flex tube
- Including:
  - Operating Instructions



### Further information material

- Product data sheet
- Humidification and filtration of respiratory gases – Training material

## Fisher & Paykel Humidifiers



### Fisher & Paykel Humidifier MR 850

230 V, English/Spanish/French text, power cable without plug

**65 45 185**

230 V, German/French/Italian text, European power plug

**65 95 115**

230 V, Italian/Spanish/Portuguese text, European power plug

**65 95 222**

230 V, Danish text, Danish power plug

**66 47 502**

230 V, English text, Australia/New Zealand power plug

**66 47 510**

230 V, English text, Great Britain power plug

**66 47 528**

230 V, French/Dutch/German text, European power plug

**66 47 536**

230 V, Norwegian/Swedish/Finnish text, European power plug

**66 47 544**

230 V, English/Russian/Polish text, European power plug

**66 47 551**

115 V, English/Spanish/French text, North American right angle power plug

**65 45 193**

115 V, Spanish/Portuguese/English text, North American right angle power plug

**66 47 569**

100 V, Japanese text, North American straight power plug

**65 45 201**

■ With patient tube heating system and flow measurement system

■ Use with heated wire circuits only

■ Including:

– Fuse, 4 each

– Operating manual

■ To be ordered separately:

– Humidifier holder (see "Accessories")

– Humidifying chamber (see "Accessories"), or Breathing circuit kit (see "Consumables")

– Temperature and flow probe (see "Accessories")

– Reusable kit MR 850, or Connection cable for single use tube heater (see "Accessories")

■ Additional operating manuals can be ordered from Fisher & Paykel Healthcare ([www.fphcare.com](http://www.fphcare.com))



MR 450  
MR 500730  
MR 850



## Accessories for Fisher & Paykel Humidifier

### Rail clamp

10 x 25 mm

**60 38 801**

10 x 30 mm

**60 38 819**

### Humidifier Holder

**65 23 935**

- For Servo-i and Servo-s
- Including:
  - Installation instructions

### Humidifier Holder for rail 10 x 25/10 x 30 mm

**65 45 110**

- With clamp for rail 10 x 25/10 x 30 mm

### Waterbag pole, 1 m

**65 95 230**

### Humidifying chamber assembly (autoclavable), adult

**61 50 754**

- Including:
  - Absorbent paper adult, 100 each



### Humidifying chamber assembly (autoclavable), infant

**91 54 295**

- Including:
  - Absorbent paper infant, 100 each



## Accessories for Fisher & Paykel Humidifier

Reusable kit MR 850

**65 95 057**

■ Including:

- Heater wire with probe housing, 1.05 m
- Probe housing adult
- Draw wire, 1.5 m
- Cable clip adult, 3 each
- Cable clip infant, 3 each
- Connection cable for reusable tube heater
- Tube joint 22 mm out. diam., 15 mm int. diam.

Temperature and flow probe, 1.5 m

**65 95 255**

Dual temperature probe

**93 80 569**

Connection cable for single use tube heater

**65 95 206**

Connection cable for reusable tube heater

**65 95 263**

Heater wire with probe housing, 1.05 m

**65 95 024**

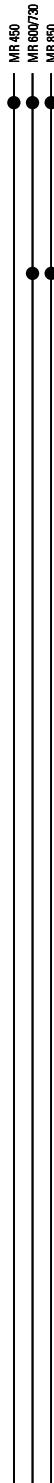
Heater wire with probe housing

**93 80 577**

Probe housing adult, 22 mm out. diam., 22-15 mm int. diam.

**91 31 905**

■ For Fisher & Paykel Humidifier



## Accessories for Fisher & Paykel Humidifier

Probe housing infant 15–10 mm int. diam., with adapter 15–10 mm out. diam.  
**91 54 303**

- For Fisher & Paykel Humidifier

---

Draw wire, 1.5 m  
**93 26 737**

---

See also "Patient connection, Accessories".

---

# Humidifiers



## Consumables for Fisher & Paykel Humidifier

Absorbent paper adult (with holes), 100 each  
**61 50 762**

---

Absorbent paper infant, 100 each  
**91 65 804**

---

Adult breathing circuit kit (single use/single heat), 10 each  
**65 95 081**

- Including:
  - Heated inspiratory limb, 1.5 m
  - Unheated expiratory limb with water trap, 2.0 m
  - Humidifier connection tube, 0.5 m
  - Autofeed adult/pediatric/neonatal humidification chamber

---

Infant breathing circuit kit (single use/single heat), 10 each  
**65 95 107**

- Including:
  - Heated inspiratory limb, 1.5 m
  - Unheated expiratory limb with water trap, 1.65 m
  - Humidifier connection tube, 0.6 m
  - Set of adapters
  - Pressure line, 1.8 m
  - Autofeed adult/pediatric/neonatal humidification chamber

# Suction equipment

## Consumables



Bacteria filter, 60 mm diameter, 50 each

**92 00 619**

- Including:
  - Mounting Instructions

---

Male connection nipple, disposable, 100 each

**92 53 931**



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Transparent tube 7 mm int. diam., optional length, per meter

**92 00 171**



## CO<sub>2</sub> Analyzer Module

CO<sub>2</sub> Analyzer Module, Servo-i  
**65 23 588**



- CO<sub>2</sub> Analyzer software, Servo-i must be installed in the ventilator before connection (see chapter "Ventilators – Servo-i software options")
- For use with etCO<sub>2</sub> Capnostat III sensor with 2.4 m cable (see "Accessories")
- The CO<sub>2</sub> Analyzer Module occupies two plug-in slots
- 6 plug-in slots are available
- Including:
  - Installation instructions

---

### Further information material

- Physiology of respiration, Carbon dioxide – Workbook
- 



# Servo gas monitoring



Servo-i  
Servo-s  
SV 30390A  
CO2 An Mod SS390  
CO2 An M Servo-i  
CO2 Analyzer 390



## Accessories

Communication cable between Servo Ventilator 300 and Servo Screen 390

1.2 m

**63 42 088**

3.0 m

**63 42 096**

---

Connection cable 2.4 m between ventilator and computer (9 pin female plug to computer/PC)

**65 23 570**

- For Servo-i and Servo-s

---

Connection cable 2.4 m between Servo Ventilator 300 and computer (9 pin female plug to computer/PC)

**61 50 093**



24 V power cable for Servo Screen 390

1.1 m

**63 42 054**

3.0 m

**62 45 877**



---

24 V power cable for NO/NO<sub>2</sub> monitor

**64 56 961**

Not available in USA



---

etCO<sub>2</sub> Capnostat III sensor with 2.4 m cable

**43 22 975**

- Including:
  - etCO<sub>2</sub> airway adapter, adult (reusable)
  - Calibration and reference cell
  - Cable clip, 5 each
- Neonatal airway adapter can be ordered separately



---

etCO<sub>2</sub> analyzer module

**43 19 260**

- For Servo Screen 390
- For SC 7000/9000/9000XL



---

etCO<sub>2</sub> airway adapter, adult (reusable)

**47 21 796**

## Servo gas monitoring



Servo-i  
Servo-s  
SV-300/300A  
CP An Mod SS330  
CP An M Servo-i  
CP Analyzer 80

## Accessories

etCO<sub>2</sub> airway adapter, neonatal (reusable)

47 21 788

#### **24 V power branch cable**

12m

63 89 642

30 m

#### **Cuvette for adults**

66 97 593

- Including:
    - Heat shield for cuvette

Replacement part

## Cuvette for infants

68 07 630

- Including:
    - Heat shield for cuvette

## Replacement part

### Sampling adapter NO

64 64 510

Not available in USA

---

## Calibration adapter NO

64 63 785

Not available in USA

# Servo gas monitoring



Servo-i  
Servo-s  
SV 303/30A  
CO<sub>2</sub> An Mod SS390  
CO<sub>2</sub> An M Servo-i  
CO<sub>2</sub> Analyzer 390

## Accessories

Gas calibration set for CA 930

**66 98 393**

■ Including:

- Test gas valve
- Patient tube (silicone rubber) adult, 30 cm, 2 each
- Y-piece adult
- Silicone rubber muff
- Mounting Instructions

Replacement part

# Servo gas monitoring

Servo Gas M. 120



## Consumables

Water trap, disposable, NO, 25 each

**66 63 772**

Not available in USA

---

Sampling tube NO 1.8 m

**64 59 221**

Not available in USA

---

Bacteria filter, 28 mm diameter (0.8 µm), 50 each

**91 68 758**

■ For SV 300 with NO and Servo Gas Monitor 120

Not available in USA

---

Sampling tube 1.8 m

**62 37 205**

Replacement part

---

Return tube (disposable) 1.8 m, 5 each

**62 37 221**

---

Airway adapter, straight, 12 pcs

**12 76 067**

10

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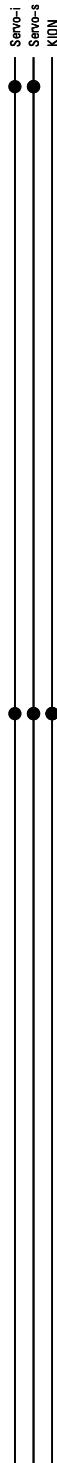
O<sub>2</sub> cell with O-ring

Type MSA

**90 04 979**

Type Envitec

**64 19 332**



## Medical Information Bus (MIB) connection

### MIB II protocol converter

**72 56 931**

- Box to interface a third party device to INFINITY modular monitors using an IDS or INFINITY SC 8000 monitor equipped with a MIB II 1–4 option
- Features:
  - Provides comprehensive information by integrating patient data from third party devices
  - Brings clinical device data to the INFINITY modular monitors as well as remotely to INFINITY MultiView WorkStation or INFINITY Gateway WebViewer/WINVIEW
  - Enables viewing of the Open Lung Tool in the INFINITY modular monitors when used with Servo Ventilator 300 or Servo-i
- Including:
  - MIB/SDC mount
- Requires:
  - Patch cable
  - Device specific MIB cable (for connection to third party device)
  - MIB II 1–4 option on INFINITY Docking Station (IDS) or INFINITY SC 8000 Monitor

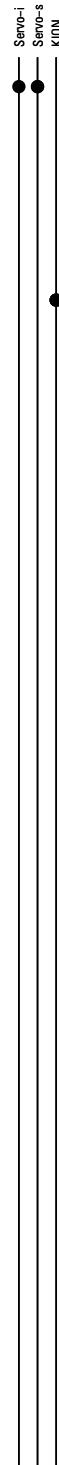
### Further information material

- Technical note

### MIB/MIB II Duo protocol converter

**72 56 949**

- Box to interface a third party device to INFINITY modular monitors using an IDS or INFINITY SC 8000 monitor equipped with either a MIB II 1–4 option or a MIB 1–2 option (+MIB 3–4 option)
- Only one MIB or MIB II option can be connected simultaneously
- Compatible with both MIB II 1–4 option and MIB 1–2 option (+MIB 3–4 option). Beneficial when upgrading an existing MIB installation with MIB II
- Use with MIB connection cable for IDS (MIB connection) or patch cable (MIB II connection), and with specific device MIB cable
- Features:
  - Provides comprehensive information by integrating patient data from third party devices
  - Brings clinical device data to the INFINITY modular monitors as well as remotely to INFINITY MultiView WorkStation or INFINITY Gateway WebViewer/WINVIEW
- Including:
  - MIB/SDC mount
- Requires:
  - Patch cable (for MIB II connection) or MIB connection cable (for MIB connection)
  - Device specific MIB cable (for connection to third party device)
  - Either MIB II 1–4 option or MIB 1–2 option (+MIB 3–4 option) on INFINITY Docking Station (IDS) or INFINITY SC 8000 Monitor



## Medical Information Bus (MIB) connection

### MIB cable

Servo-i/Servo-s (0.9 m)

**59 54 537**

- Device specific cable for connecting either a MIB, a MIB II or a MIB/MIB II Duo protocol converter to a third party device
- For monitor and protocol converter software requirements: Please contact your service support representative

---

### MIB connection cable, INFINITY Docking Station, 3 m

**55 89 093**

- Cable to connect MIB protocol converter to the INFINITY Docking Station
-

# Vaporizers

## KION PIVap vaporizers



PIVap Halothane, keyed filling

**64 53 968**

- For KION
- With keyed filling
- Including:
  - Keyed filling adapter for halothane bottle



PIVap Enflurane, keyed filling

**64 53 984**

- For KION
- With keyed filling
- Including:
  - Keyed filling adapter for enflurane bottle



PIVap Isoflurane, keyed filling

**64 53 976**

- For KION
- With keyed filling
- Including:
  - Keyed filling adapter for isoflurane bottle



# Vaporizers

## KION PIVap vaporizers



PIVap Sevoflurane, keyed filling

**64 54 123**

- For KION
- With keyed filling
- Including:
  - Keyed filling adapter for sevoflurane bottle



PIVap Sevoflurane, QUIK FIL®

**64 71 192**

- For KION
- With QUIK FIL® filling
- Including:
  - Drain funnel for QUIK FIL® bottle
  - Operating Manual



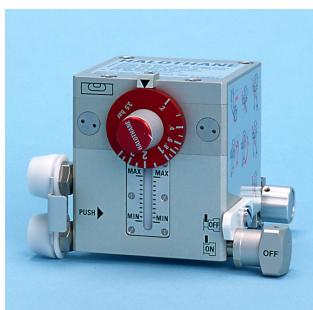
PIVap Desflurane

**65 07 300**

- For KION
  - Including:
    - Operating Manual
- Not available in USA



## Halothane Vaporizer 950



### Halothane Vaporizer 950

- For Servo Ventilator 900
- With keyed filling
- Including:
  - Keyed filling adapter for halothane bottle
  - Operating Manual

Without gas supply unit and magnet kit

Calibrated for 3.5 bar

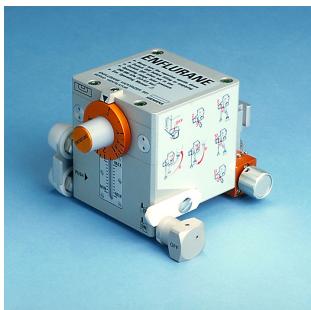
**93 77 904**

Calibrated for 4 bar

**93 77 912**



## Enflurane Vaporizer 951



### Enflurane Vaporizer 951

- For Servo Ventilator 900
- With keyed filling
- Including:
  - Keyed filling adapter for enflurane bottle
  - Operating Manual

Without gas supply unit and magnet kit

Calibrated for 3.5 bar

**93 77 961**

Calibrated for 4 bar

**93 77 979**



## Isoflurane Vaporizer 952



### Isoflurane Vaporizer 952

- For Servo Ventilator 900
- With keyed filling
- Including:
  - Keyed filling adapter for isoflurane bottle
  - Operating Manual

Without gas supply unit and magnet kit

Calibrated for 3.5 bar

**93 81 021**

Calibrated for 4 bar

**93 81 039**



## Sevoflurane Vaporizer 953

### Sevoflurane Vaporizer 953

- For Servo Ventilator 900
- Inlet pressure to gas mixer: 3.3–5.0 bar
- Including:
  - Keyed filling adapter for sevoflurane bottle (only for keyed filling versions)
  - Drain funnel for QUIK FIL® bottle (only for QUIK FIL® versions)
  - Operating Manual

Without gas supply unit and magnet kit

Keyed filling version

**64 56 250**

QUIK FIL® version

**64 71 341**



## Accessories

Keyed filling adapter tube for halothane bottle

Standard version

**93 48 939**



Keyed filling adapter tube for enflurane bottle

**93 48 962**



Keyed filling adapter tube for isoflurane bottle

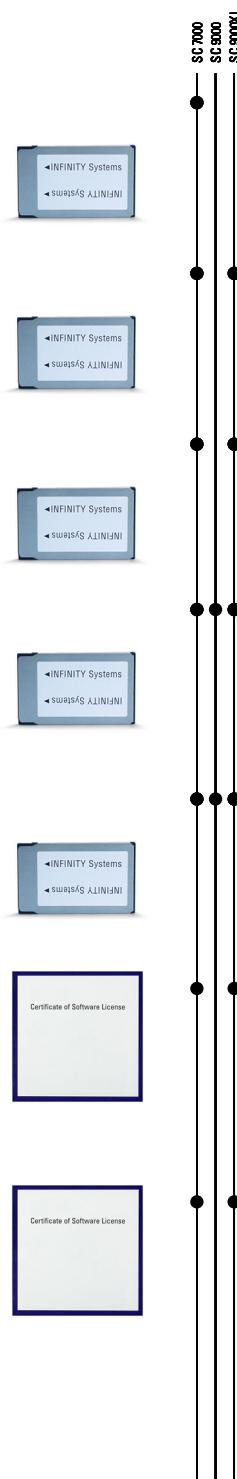
**93 48 954**



Keyed filling adapter tube for sevoflurane bottle

**64 71 515**





## Monitor software options

### INFINITY SC 7000/8000 4(5)–6 channel option

**55 97 914**

- Expands display to 6 channels
- Includes a memory option card (one card for multiple software options)

---

### INFINITY SC 7/8/9000XL 6–8 channel option

**55 97 922**

- Expands display to 8 channels
- Includes a memory option card (one card for multiple software options)

---

### INFINITY SC 7/8/9000XL ARIES 12-lead ST option

**55 97 328**

- ARIES (Advanced Review of Ischemia Event System) provides 8 lead ST analysis with the MULTIMED 6
- Includes a memory option card (one card for multiple software options)

---

### INFINITY SC 7/8/9000/XL Physio Calc option

**52 01 996**

- Offers computation of hemodynamic and ventilation parameters from automatic data acquisition from the monitor, ventilator and other devices connected via the MIB interface
- Includes a memory option card (one card for multiple software options)

---

### INFINITY SC 7/8/9000/XL ACE Arrhythmia II option

**43 22 967**

- Arrhythmia II option augments basic arrhythmia monitoring to include: ventricular run, bradycardia (adult mode), bigeminy, couplet, PVC, supra-ventricular tachycardia , and accelerated idioventricular rhythm
- Includes a memory option card (one card for multiple software options)

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### INFINITY SC 7/8/9000XL Nellcor SpO<sub>2</sub> option

**74 98 061**

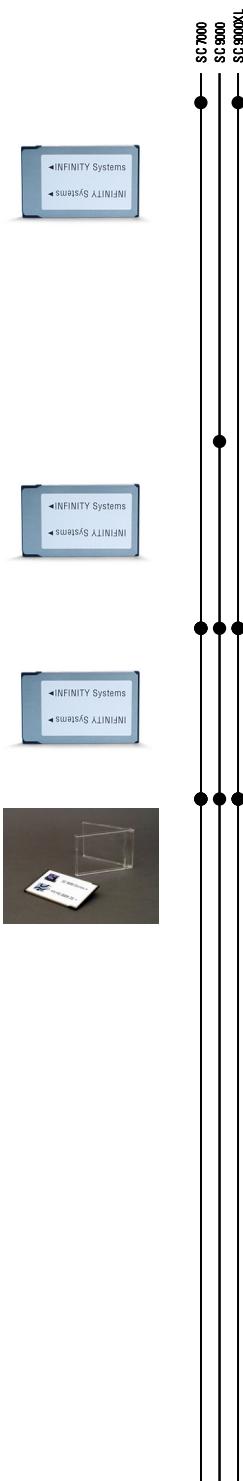
- Option to make the monitor compatible with Nellcor SpO<sub>2</sub> sensors
- Always state monitor serial number when ordering the option to an installed SC 7/8/9000XL (Requires VF2 S/W or higher)
- Requires Nellcor SpO<sub>2</sub> extension cable (shielded, blue latch) (33 68 433 or 33 75 834)

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### INFINITY SC 7/8/9000XL Masimo SpO<sub>2</sub> option

**74 98 079**

- Option to make the monitor compatible with Masimo SpO<sub>2</sub> sensors
- Always state monitor serial number when ordering the option to an installed SC 7/8/9000XL (Requires VF2 S/W or higher)
- Requires Masimo ProCal + SpO<sub>2</sub> intermediate cable (74 92 601)



## Monitor software options

Software upgrade VF3, SC 7000/8000/9000XL

English/German/French/Spanish/Italian/Dutch

**78 70 269**

Swedish/Danish/Norwegian

**78 70 277**

Portuguese

**78 70 301**

Turkish

**78 70 285**

Russian

**78 70 319**

Japanese

**78 70 293**

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Software upgrade VE3, SC 9000

English/German/French/Spanish/Italian

**74 92 189**

Swedish/Danish/Norwegian

**74 92 262**

Japanese

**74 92 239**

---

Memory option card

**51 91 239**

- Recommended for max. 32 s/w options/card

---

RAM data card

**47 18 248**

- Used to transfer bedside and patient setups between monitors or IDS

## Docking Stations and MIB options

### INFINITY Docking Station (IDS)

**52 06 110**



- The IDS Docking Station for all networked INFINITY monitors is the heart of the PICK AND GO Concept for continuous monitoring
- Provides:
  - INFINITY network connection
  - Mechanical mount and cable management
  - Instant connect/disconnect to power
  - VGA Remote display connection
  - Independent Surgeon's Display (ISD) connection (INFINITY modular monitors only)
  - R50 Recorder connection
  - Remote keypad connection (INFINITY modular monitors only)
  - Alarm output connection (nurse call)
  - Two serial communication ports, including Data Logger/CIS interface
  - Up to 5 stored monitor configurations (INFINITY modular monitors only)
  - MultiGas module interface (optional) (INFINITY modular monitors only)
  - Up to 4 MIB third party interfaces (IEEE 1073) (optional) (INFINITY modular monitors only)
- Order power supply (59 55 393) separately
- Including:
  - Cable management bracket IDS
- Option:
  - MIB II Option, for connectivity to third party devices

### Docking Station, Interface & Power

**57 32 388**



- PICK AND GO Docking Station for all INFINITY monitors with non-networked locations
- Provides:
  - Mechanical mount
  - Instant connect/disconnect to power
  - VGA Remote display connection
  - Local R50 Recorder connection
  - Remote keypad connection (INFINITY modular monitors only)
  - Alarm output
  - Two serial communication ports, including Data Logger/CIS interface
- Order power supply (59 55 393) separately

### MIB II 1-4 option, INFINITY Docking Station

**72 61 246**

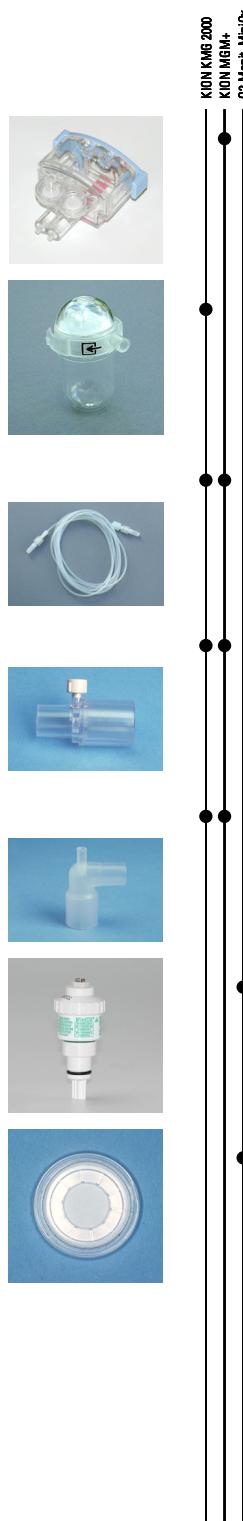


- Supports the connection of up to four MIB devices to the INFINITY Docking Station and INFINITY modular monitors

# KION patient monitoring accessories

	KION KMG 2000 KION MGM+ O2 Minit. MiniO2	<b>KION MultiGas monitoring</b>  KION MultiGas 2000 (KMG 2000) <b>65 22 721</b> <ul style="list-style-type: none"><li>■ Multigas analyzer for integration in KION</li><li>■ For replacement of MGM with revision "D" on the Servomex. Please contact your service representative for further information</li><li>■ For Dryline A water trap and Sampling line KMG 2000 (not included)</li><li>■ The KMG 2000 installation kit must be ordered (see below)</li><li>■ Including:<ul style="list-style-type: none"><li>– Installation instructions</li></ul></li></ul> <p>Not available in USA</p>
		<b>Further information material</b> <ul style="list-style-type: none"><li>■ Service manual</li></ul>
		<hr/> <b>Replacement KION MultiGas 2000 (KMG 2000)</b> <b>66 70 297</b> <ul style="list-style-type: none"><li>■ Multigas analyzer for integration in KION</li><li>■ For replacement of MGM with revision "E" on the Servomex. Please contact your service representative for further information</li><li>■ For Dryline A water trap and Sampling line KMG 2000 (not included)</li><li>■ The KMG 2000 installation kit must be ordered (see below)</li><li>■ Including:<ul style="list-style-type: none"><li>– Installation instructions</li></ul></li></ul> <p>Not available in USA</p>
		<hr/> <b>Further information material</b> <ul style="list-style-type: none"><li>■ Service manual</li></ul>
		<hr/> <b>KMG 2000 installation kit for for replacement of MGM with KMG 2000</b> <b>65 46 423</b> <p>Not available in USA</p>
		<hr/> <b>Maintenance kit 12 months for KMG 2000</b> <b>66 16 523</b> <ul style="list-style-type: none"><li>■ Dryline water trap receptacle with frame and cables</li></ul> <p>Not available in USA</p>
		<hr/> <b>Maintenance kit 12 months for MGM/MGM+</b> <b>52 06 854</b> <ul style="list-style-type: none"><li>■ Including:<ul style="list-style-type: none"><li>– Water trap manifold seal (2 pcs)</li><li>– Nafion inlet tubing (2 pcs)</li><li>– Bacteria filter (2 pcs)</li><li>– Room air filter</li><li>– Pump filter</li><li>– Fan filter (only for stand alone version)</li></ul></li></ul>

# KION patient monitoring accessories



## KION MultiGas monitoring

Water trap, disposable, 30 each

**66 37 628**

- Disposable water trap for MultiGas/MultiGas+ (MGM/MGM+)

- To be used together with sampling line 65 22 770

---

Dryline A water trap, 10 pcs

**65 22 747**

- Drainable water trap with bacterial filter for KMG 2000

Not available in USA

---

Sampling line, 25 pcs

2.5 m

**65 22 770**

- For MGM/MGM+ and KMG 2000

- Polyethylene (PE)

---

Airway adapter, straight, 12 pcs

**12 76 067**

---

Airway adapter, elbow, 12 pcs

**12 76 737**

---

O<sub>2</sub> cell for O<sub>2</sub> Monitor MiniOX

**64 81 506**

---

Filter for O<sub>2</sub> cell, 25 each

**93 03 892**

# KION patient monitoring accessories

## ECG

### MULTIMED 5 pod

1.5 m

**59 50 196**

2.5 m

**33 68 391**



- Multi-parameter cable to monitor 3- or 5-lead ECG, impedance respiration, two temperatures (modular monitors only, requires Y-cable) and SpO<sub>2</sub>

### ECG ESU block, 5-lead

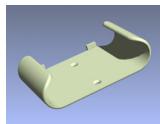
**59 47 226**



- Electrosurgical interference suppression filter
- The ECG ESU BLOCK provides ECG electrosurgical unit noise suppression and burn protection. This small plastic unit plugs between standard shielded white ECG lead wires and the MULTIMED 5 or MULTIMED 6 pod. It can be used with 3 or 5 lead wire ECG lead sets.
- Self seating design
- The ECG ESU block replaces the need for OR leads
- Including:
  - Storage holster that can be mounted on any suitable flat surface

### Pod mount

**55 98 128**



- Mount for securing the MULTIMED 5/6 pods

IEC Color Code 1 (Europe): Red, Green, Yellow (3-lead); Black, White (5-lead); Gray/white (6-lead)

IEC Color Code 2, also AHA code, (USA): White, Red, Black (3-lead); Green, Brown (5-lead); Gray/brown (6-lead)

For OR use an ECG ESU block must be connected to the MULTIMED pod

### ECG 3-lead grabber set

1 m, IEC1 (European color code)

**59 56 433**

1 m, IEC2 (AHA/US color code)

**59 56 441**



- For disposable electrodes
- To be used in the OR only when the ECG ESU block is connected to the MULTIMED pod

### ECG 5-lead grabber set

1 m, IEC1 (European color code)

**59 56 466**

1 m, IEC2 (AHA/US color code)

**59 56 458**



- For disposable electrodes
- Can be used in the OR for INFINITY SC 7/8/9000/XL monitors only when the ECG ESU block is connected to the MULTIMED pod

## ECG



### ECG 6-lead grabber set

1 m, IEC1 (European color code)

**59 56 482**

1 m, IEC2 (AHA/US color code)

**59 56 474**

- For disposable electrodes
- Can be used in the OR for INFINITY SC 7/8/9000/XL monitors only when the ECG ESU 6 block is connected to the MULTIMED pod

---

### ECG electrodes, disposable, 50 pcs

**45 27 750**

- General purpose electrodes for adults
- Pre-gelled
- Not for ambulatory use

---

### ECG electrodes, neonatal, disposable, 300 pcs

**51 95 024**

- Neonatal electrodes with attached lead wire
- 100 packages of 3 electrodes
- Use in conjunction with adapter pins



# KION patient monitoring accessories

## SpO<sub>2</sub>



INFINITY SC 7/8/9000XL Nellcor SpO<sub>2</sub> option

**74 98 061**

- Option to make the monitor compatible with Nellcor SpO<sub>2</sub> sensors
- Always state monitor serial number when ordering the option to an installed SC 7/8/9000XL (Requires VF2 S/W or higher)
- Requires Nellcor SpO<sub>2</sub> extension cable (shielded, blue latch) (33 68 433 or 33 75 834)

---

INFINITY SC 7/8/9000XL Masimo SpO<sub>2</sub> option

**74 98 079**

- Option to make the monitor compatible with Masimo SpO<sub>2</sub> sensors
- Always state monitor serial number when ordering the option to an installed SC 7/8/9000XL (Requires VF2 S/W or higher)
- Requires Masimo ProCal + SpO<sub>2</sub> intermediate cable (74 92 601)

---

Masimo ProCal + SpO<sub>2</sub> intermediate cable, 2 m

**74 92 601**

- To connect Masimo SpO<sub>2</sub> sensors to the MULTIMED pod



---

Nellcor SpO<sub>2</sub> extension cable, shielded (blue latch)

1 m

**33 68 433**

2 m

**33 75 834**

- To connect Nellcor SpO<sub>2</sub> sensors to the MULTIMED pod
- SC 7/8/9000XL require Nellcor SpO<sub>2</sub> option software

---

DURASENSOR DS 100A, adult

**72 62 764**

- Reusable SpO<sub>2</sub> adult sensor
- For finger or toe application
- Patient weight > 40 kg

---

OXISENSOR I-20, infant, 24 pcs

Note! Contains latex

**74 90 266**

- Disposable SpO<sub>2</sub> infant sensor
- For finger or toe application
- Patient weight 3 – 20 kg
- Not for USA

---

Note!

- All Masimo SpO<sub>2</sub> sensors require for use with INFINITY monitors:
  - Masimo ProCal + SpO<sub>2</sub> intermediate cable (74 92 601)
  - For modular monitors: SC 7/8/9000XL with Masimo SpO<sub>2</sub> option software and VF2 or higher



## SpO<sub>2</sub>

Masimo LNOP DCI – Adult reusable SpO<sub>2</sub> sensor

**72 70 312**



- Adult finger clip style sensor with a 90 cm cable attached and added "flaps" for ambient light shielding.
- The adjustable hinge allows the sensor to be adjusted to various finger sizes.
- Patient weight: > 30 kg.
- Recommended monitoring site: Ring or middle finger of non-dominant hand.

## Temperature

Temperature Y-cable for MULTIMED 5/6 pod  
**55 92 154**

- Required for use with two temperature sensors



Temp probe, adult

1.5 m

**43 29 889**

3 m

**52 04 644**

- Order protective covers separately



Temp probe, pediatric

1.5 m

**43 29 848**

3 m

**52 04 651**

- Order protective covers separately



Temp probe, skin

1.5 m

**43 29 822**

3 m

**52 04 669**

- Not for use during electrosurgery



## Non-invasive Blood Pressure (NBP)

NBP connection hose, 3.7 m

**12 75 275**

- Connects adult and child cuffs to INFINITY SC monitors and NBP cartridge



NBP connection hose neonatal, 2.4 m

**28 70 298**

- Connects neonatal cuffs to INFINITY SC monitors and NBP cartridge



Cuff, child

**28 66 676**

- Arm circumference 12–19 cm
- Cuff width 8 cm
- Reusable



Cuff, small adult

**28 66 635**

- Arm circumference 17–25 cm
- Cuff width 10.5 cm
- Reusable



Cuff, adult

**28 66 643**

- Arm circumference 23–33 cm
- Cuff width 14 cm
- Reusable



Cuff, large adult

**28 66 650**

- Arm circumference 31–40 cm
- Cuff width 18 cm
- Reusable



Cuff, thigh

**28 66 668**

- Thigh circumference 38–50 cm
- Cuff width 21 cm
- Reusable



Cuff, neonatal, # 1; 10 pcs

**28 70 181**

- Arm circumference 3.1–5.7 cm
- Disposable



# KION patient monitoring accessories

## Non-invasive Blood Pressure (NBP)

Cuff, neonatal, # 2; 10 pcs

**28 70 199**

- Arm circumference 4.3–8.0 cm
- Disposable



Cuff, neonatal, # 3; 10 pcs

**28 70 207**

- Arm circumference 5.8–10.9 cm
- Disposable



Cuff, neonatal, # 4; 10 pcs

**28 70 215**

- Arm circumference 7.1–13.1 cm
- Disposable



Cuff, neonatal, # 5; 10 pcs

**28 70 173**

- Arm circumference 8.3–15.0 cm
- Disposable



## Invasive Blood Pressure (IBP)

### HEMO MED Pod

**55 88 822**



- Hemodynamic monitoring organizer that provides a one cable connection to the monitor for cardiac output and 4 invasive pressures. Includes controls for pressure zeroing, wedge pressure calculation and cardiac output start
- Transducer specific plates and adapters are available, see separate section
- Including:
  - Universal pressure transducer mounting plate
  - HEMO MED connection cable, 3 m
  - Universal pole/clamp mount

### HEMO MED connection cable

3 m

**55 91 925**



### Hemo pod adapter, 10-pin

**33 75 958**

- Adapter block to connect S400/S700/S900/S1200 pressure transducer cables (with 10-pin orange connectors) to the Hemo pods
- One adapter for each HEMO2 pod and two for each HEMO4/HEMO MED pod

### Hemo pod adapter, Edwards

**51 96 980**

- Adapter to connect Edwards pressure transducers to the Hemo pods
- One adapter for each HEMO2 pod and two for each HEMO4/HEMO MED pod



### Hemo pod adapter Memscap (Capto/SensoNor), 7-pin

**43 29 160**

- Adapter block to connect Memscap (Capto/SensoNor) and other pressure transducer cables with 7-pin connectors to the Hemo pods
- One adapter for each HEMO2 pod and two for each HEMO4/HEMO MED pod



### Hemo transducer plate, Abbott/Transpac IV, 5 pcs

**72 70 460**

- For HEMO2, HEMO4 and HEMO MED pods
- Holds Abbott Transpac IV transducers



### IBP Y-adapter, 7 pin

**55 92 147**

- For use with INFINITY SC 7/8/9000XL monitors for transducers with 7-pin connectors. Cannot be used simultaneously with HEMO MED pod



## Invasive Blood Pressure (IBP)

IBP Y-adapter, 10 pin

**57 31 281**



- For use with INFINITY SC 7/8/9000XL monitors for transducers with 10-pin connectors. Cannot be used simultaneously with HEMOMED pod

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IBP intermediate cable Memscap (Capto/SensoNor), 3.7 m

**43 21 563**



- Connects reusable Memscap (Capto/SensoNor) transducer (74 89 417) to INFINITY configured monitors

---

IBP transducer extension cable Memscap (Capto/SensoNor), 3 m

**74 86 876**



- With 10 pin connector

---

IBP transducer Memscap (Capto/SensoNor) 844, reusable

**74 89 417**



- Reusable transducer (on a 25 cm cable) to interface with IBP transducer extension cable Memscap (Capto/SensoNor) (74 86 876), or to connect to Hemo pod adapter Memscap (Capto/SensoNor) (43 29 160)
- Including:
  - One IBP replacement dome for Memscap (Capto/SensoNor) 844

# KION patient monitoring accessories

## Cardiac Output

### HEMO MED Pod

**55 88 822**



- Hemodynamic monitoring organizer that provides a one cable connection to the monitor for cardiac output and 4 invasive pressures. Includes controls for pressure zeroing, wedge pressure calculation and cardiac output start
- Transducer specific plates and adapters are available, see separate section
- Including:
  - Universal pressure transducer mounting plate
  - HEMO MED connection cable, 3 m
  - Universal pole/clamp mount

### HEMO MED connection cable

3 m

**55 91 925**



### C.O. intermediate cable 1 m

**33 68 458**

- Connects C.O. accessories to HEMO2/4 pod and HEMO MED pod



### C.O. catheter-cable

**84 19 160**

- Connects catheter to intermediate cable



### C.O. thermistor-cable, Ohmeda

**84 20 077**

- Use with thermistor T-piece (57 41 975)



### C.O. thermistor-cable, Edwards

**85 39 983**



### C.O. thermistor T-piece Ohmeda, 25 pcs

**57 41 975**

- Ohmeda disposable in-line injectate sensor for measurement of injectate temperatures
- Use with 84 20 077



# KION patient monitoring accessories

## etCO<sub>2</sub>



etCO<sub>2</sub> analyzer module

**43 19 260**

- For Servo Screen 390
- For SC 7000/9000/9000XL

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etCO<sub>2</sub> Capnostat III sensor with 2.4 m cable

**43 22 975**



■ Including:

- etCO<sub>2</sub> airway adapter, adult (reusable)
- Calibration and reference cell
- Cable clip, 5 each

■ Neonatal airway adapter can be ordered separately

---

## INFINITY etCO<sub>2</sub> Microstream Pod

**78 70 947**

■ Requires a modular Monitor with software VF3 or higher

■ Including:

- Pod connection cable, 3 m
- Universal pole/clamp mount



---

Pod connection cable

3 m

**33 68 425**

■ Connects HEMO2, HEMO4, MULTIMED 12, tpO<sub>2</sub>/tpCO<sub>2</sub> and etCO<sub>2</sub> pods to INFINITY modular monitors

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etCO<sub>2</sub> airway adapter, adult (reusable)

**47 21 796**



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etCO<sub>2</sub> airway adapter, neonatal (reusable)

**47 21 788**



# KION patient monitoring accessories

## Cables and devices for external connection



Ethernet crossover cable

2 m

**57 30 176**

6 m

**55 92 667**

- Cable which allows:

- Connection of a laser printer or R 50-N Recorder to a standalone IDS
- Direct connection of a laser printer or R 50-N Recorder to the Ethernet port of the KION-i system

---

Surgical Display Controller (SDC)

**51 93 110**



- Features:

- Provides connection to large-screen displays
- Generates displays of waveforms, parameters and trends
- Convenient connection via INFINITY modular monitors
- Standard VGA output with variable resolution for maximum flexibility

- Including:

- Cable SDC to CPS/IDS, 25 m

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Cable SDC to CPS/IDS, 25 m

**51 94 910**

- Connects Surgical Display Controller to CPS/INFINITY Docking Station



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Video extension cable, 20 m

**33 61 438**



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Export protocol cable, CPS/IDS, 3 m

**52 06 441**

- Cable to connect INFINITY configured and modular SC monitors, CPS or INFINITY Docking Station to CIS and other PC systems for exporting monitor data

- 14-pin Universal connector on one end, other end unterminated

- Including:

- 9-pin connector
- Wiring instructions

- Technical details regarding export protocol: See INFINITY RS-232 Export Protocol – Reference Booklet, on the MCC Empower intranet



---

Analog output cable, 5 m

**43 14 618**

- One end unterminated



## Cables and devices for external connection



### RS232 Diagnostic UART cable, 3 m

**47 14 346**

- Cable for interfacing between INFINITY configured and modular SC monitors, CPS or INFINITY Docking Station and a PC for diagnostic applications



### MIB II protocol converter

**72 56 931**

- Box to interface a third party device to INFINITY modular monitors using an IDS or INFINITY SC 8000 monitor equipped with a MIB II 1–4 option
- Features:
  - Provides comprehensive information by integrating patient data from third party devices
  - Brings clinical device data to the INFINITY modular monitors as well as remotely to INFINITY MultiView WorkStation or INFINITY Gateway WebViewer/WINVIEW
  - Enables viewing of the Open Lung Tool in the INFINITY modular monitors when used with Servo Ventilator 300 or Servo-i
- Including:
  - MIB/SDC mount
- Requires:
  - Patch cable
  - Device specific MIB cable (for connection to third party device)
  - MIB II 1–4 option on INFINITY Docking Station (IDS) or INFINITY SC 8000 Monitor



### Further information material

- Technical note



### MIB/MIB II Duo protocol converter

**72 56 949**

- Box to interface a third party device to INFINITY modular monitors using an IDS or INFINITY SC 8000 monitor equipped with either a MIB II 1–4 option or a MIB 1–2 option (+MIB 3–4 option)
- Only one MIB or MIB II option can be connected simultaneously
- Compatible with both MIB II 1–4 option and MIB 1–2 option (+MIB 3–4 option). Beneficial when upgrading an existing MIB installation with MIB II
- Use with MIB connection cable for IDS (MIB connection) or patch cable (MIB II connection), and with specific device MIB cable
- Features:
  - Provides comprehensive information by integrating patient data from third party devices
  - Brings clinical device data to the INFINITY modular monitors as well as remotely to INFINITY MultiView WorkStation or INFINITY Gateway WebViewer/WINVIEW
- Including:
  - MIB/SDC mount
- Requires:
  - Patch cable (for MIB II connection) or MIB connection cable (for MIB connection)
  - Device specific MIB cable (for connection to third party device)
  - Either MIB II 1–4 option or MIB 1–2 option (+MIB 3–4 option) on INFINITY Docking Station (IDS) or INFINITY SC 8000 Monitor

## Cables and devices for external connection

### MIB cable, 0.6–1 m



■ Device specific cable for connecting either a MIB, a MIB II or a MIB/MIB II Duo protocol converter to a third party device

Servo-i/Servo-s (0.9 m)

**59 54 537**

Abbott Oximetrix 3

**57 42 981**

VIA V-ABG1

**57 43 872**

AVL Opti CCA

**57 42 999**

ASPECT A2000/2000XP BIS Monitor\*\*\*

**59 50 220**

\*\*\* Note: The SC 9000 monitor does not support communication with the ASPECT A2000/2000XP BIS Monitor

■ For monitor and protocol converter software requirements: Please contact your service support representative

---

### MIB connection cable, INFINITY Docking Station, 3 m

**55 89 093**

■ Cable to connect MIB protocol converter to the INFINITY Docking Station



---

### Patch cable

20 m (with extra connector for field termination)

**47 25 557**

■ Shielded cable to connect:

– INFINITY Docking Station to network wallplate

– MIB II protocol converter to the INFINITY Docking Station



# KION patient monitoring accessories

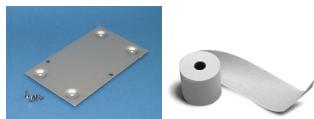
## Recorder



### INFINITY R 50-N Recorder

**57 40 068**

- Two channel recorder that provides documentation of stored events, alarms, waveforms and trends
- For connection anywhere on the INFINITY network, independent of patient monitor location
- Mains power inlet cable and patch cable must be ordered separately
- Including:
  - Mounting plate for wall mount
  - INFINITY R 50 recording paper, 10 rolls
  - Installation instructions



### INFINITY R 50 recording paper, 10 rolls

**47 11 201**

- 50 mm wide (2 in.), approx. 30 m (100 ft) long
- For use with INFINITY R 50 recorder



### Ethernet crossover cable

2 m

**57 30 176**

6 m

**55 92 667**

- Cable which allows:
  - Connection of a laser printer or R 50-N Recorder to a standalone IDS
  - Direct connection of a laser printer or R 50-N Recorder to the Ethernet port of the KION-i system

## Mounting devices

### Shelf mount

**47 20 087**

- Shelf mount for Docking Station or interface plate
- Mount allows for tilt and swivel



### Wall mount Docking Station, 23 cm arm

**47 20 111**

- Universal mount for Docking Station or interface plate
- With 23 cm (9") extending arm
- Adjustable height on a 48 cm (19") vertical track
- Mount allows for tilt and swivel
- Not for INFINITY SC 8000



### Mount plate PGEA Hill-Rom Power Column

**74 91 975**

- Hill-Rom Power Column mount plate for PICK AND GO Easi-Arm Monitor Mount



## Power adapters, power cables and batteries



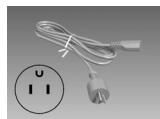
Power adapter (IDS power supply), 100V–240 VAC  
**59 55 393**

- 100–120 VAC or 200–240 VAC (switch selectable)
- Power supply for INFINITY configured and modular monitors. Supports the full range of monitors with or without INFINITY Docking Station
- Including:
  - 2.5 m connection cable to IDS
- Mains power inlet cable must be ordered separately



Mains power inlet cable (Power cord)  
Europe, CEE 7, 3.5 m  
**61 06 504**

North America, 5–15R (Hospital grade), 3.5 m  
**63 98 254**



Great Britain, BS 1363, 3.5 m  
**66 70 310**



INFINITY SC 7/9000XL SLA Battery Pack  
**55 92 097**

- Provides an additional 50 minutes of battery life. Can be "hot swapped" for extended battery life



## INFINITY Gateway data access system



### INFINITY Gateway Server Software

**57 29 418**

- INFINITY Gateway server software for patient information exchange between INFINITY Network and 3rd-party systems. Optional remote view clinical applications, interface options, and developer's tools for export and import of data, using industry-standard protocols including ASCII, HL7, ASTM, and Win32 API.
- Features:
  - Windows platform Gateway server software
  - Bidirectional access between INFINITY Network (bedsides, workstations, MIB-devices), hospital/clinical information systems, and local and remote clients
  - Smooth integration into existing hospital IT environment
  - Multiple Gateway application options can be coresident on single PC
  - Supports up to 64 beds in 16 monitoring units with 64 connections
  - LAN and modem/dial-up interconnectability within and between institutions
  - Factory hotline support
- Includes:
  - Gateway server-software CD
  - License key ("dongle") for one host PC with Gateway Server Software and Time Master function
  - Installation information
- Application options are ordered separately (see below)
- Requires user-provided PC with:
  - Pentium III, at least 350 MHz
  - At least 128 MB RAM, 4.3 GB HD, CD-ROM
  - SVGA display (800x600, 256 colors)
  - Windows NT Workstation 4.0, Windows NT Server 4.0 with Service Pack 3, or Windows 2000
  - Dual 10/100 Base-T Ethernet interface
  - Recommended: 56K Modem and pcANYWHERE
  - Web-server required for INFINITY WebViewer
  - Parallel port for dongle

### HL7 / ASTM Interface Option

**59 49 214**

- Interface option for bidirectionally exchanging data in HL7 format to:
  - Export vital signs data (parameters) in an unsolicited or solicited HL7 interface
  - Import ADT data in an unsolicited or solicited HL7 interface
  - Import and export HL7 lab data
  - Import ASTM lab data from a device attached to a serial port on a PC running the INFINITY Gateway Server Software
- Including:
  - Locked option password certificate
- Requires:
  - INFINITY Gateway Server Software
- Note: The import of ADT data to the INFINITY Network requires a MultiView WorkStation

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