# The whole hospital in the palm of your hand

# **B. Braun Space Infusion Systems**



Automated Infusion Systems



# Space infusion pumps: Think new!

- One pump for all therapies
- Universal user interface
- Application throughout hospital

We offer the **flexibility** of a general pump with the **specialization** of a dedicated one

# B BRAU SHARING EX



# Intensive Care – Advanced Infusion Therapy



SpaceStation allows a fully flexible, modular setup of the infusion regime.

		Welcor	me Overv	-	QuickView	MyOneView	Architect	Help		Hane	
								G	Remaining t	limes 🛆 Alarm 👩	1
Room 08	Room 09	Room 10	Room 11	1	Room 12	Room 13	Room 14	Bed	Rem. time	Medication and type of put	mp
001	003	005	007	009	011	013	015	019	5 min.	Fentanyl 1,0	
								009	8 min.	Morphin	
002	004	006	800	010	012	014	016	021	19 min.	Noradrenalin 10 mg	
	_	_		-				001	25 min.	Jonosterii 1000	
								018	38 min.	Dopexamin	
	_	Tollet	Laboratory		Center	Room 06	Room 07	018	42 min.	Morphin	
030	029					019	017	005	56 min.	Thiopental	
1. A.						•		017	64 min.	Fentanyi 1,0	
Room	02	Ro	om 05			020	018	032	72 min.	Morphin	
028	027	021	022								-
1000	-		-					0	21 No	radrenalin 10 mg	
									MM 1 1 1 1 1 1 1	secure near	

Quick and easy overview of infusion status through the centralized alarm management system, OneView.



Space Cover Comfort displays visual and audible alarms centrally, allowing for quicker alarm localization.

Easy insertion and removal of pumps regardless of position.



A fully equipped SpaceStation can be quickly and easily transported.



Set up a whole tower with only 1 power cord!





Both the Infusomat<sup>®</sup> Space and the Perfusor<sup>®</sup> Space have the same design, interface and menu structure.

This means less training for your nurses and a reduced risk of incorrect handling.

# Benefits

- Maintain the necessary flexibility even when space is limited
- Increase patient safety with integrated drug library and dose limits
- Universal user interface reduces training required and increases safety
- Simple transport
- Quicker alarm localization

# Intensive Care – Space Glucose Control (SGC)

Simplify your Glucose Management







Full therapy summary at a glance:

- Enteral, parenteral and insulin infusion parameters
- Time to next glucose measurement
- Glucose and insulin history



Simple, touchscreen user interface

Space GlucoseContol is the first system to offer the benefits of intensive insulin therapy without increasing workload:

- Inbuilt alogrithm calculates optimal insulin rate
- Both enteral and parenteral nutrition automatically included in calculation
- Learning software continually adapts to changes in insulin response and calculates optimal time until next glucose measurement

This decision support tool helps replace best guess decisions with precise calculations based on clinically proven software.

## **Benefits**

- Shorter length of stay with reduced complications
- Decision support for necessary insulin dose and next glucose measurement
- Proven prevention of Hyper- and Hypoglycemia
- Automatic inclusion of nutrition values

Find out more online: Either scan the 2D barcode with your smartphone or click on SGC on our webpage: www.space.bbraun.com



#### More information:

Further information can be found in the brochure "In touch with the future: Space GlucoseControl" (6069010). Speak to your local sales rep or scan the 2D barcode with your smartphone.



# Intensive Care – Take Over Mode

Increasing safety during syringe changes



The number of active devices at the patient bedside is continually increasing, and with that, the number of alarms on the ward. Coupled with this is the increased workload for the caregiver.

In this complex and stressful environment, an alarm warning of an empty syringe can often be overheard. This can lead to a delay before the therapy is continued with another syringe – an underdoese which can have dangerous consequences in the case of catecholamines.



Manually starting a second pump risks a delay in therapy.

Proactively set up the second infusion at a time which suites the user rather then reactively when the syringe is empty.







Take Over Mode ensures second Perfusor® Space starts automatically, minimizing the risks of underinfusion.



Take Over Mode fully automatically starts the second pump as soon as the first is empty – reducing the risk of underinfusion without increasing workload.

# Second Perfusor<sup>®</sup> Space starts automatically to reduce workload and preve

- Second Perfusor<sup>®</sup> Space may be set up at a convenient time
- Simplified handling due to automatic rate transfer

# **Paediatrics and Neonatology**



Because children are not small adults, this field of care has the challenge of requiring high flexibility without compromising on safety.

## Bolus free insertion

- Protection against accidental freeflow during line change or removal
- Set-based anti-freeflow clamp activates as soon as Infusomat<sup>®</sup> Space is opened and prevents overdose

![](_page_9_Picture_6.jpeg)

Space protects against medication error with easy to specify, ward specific hard and soft limits.

## Soft limits:

![](_page_9_Picture_9.jpeg)

![](_page_9_Picture_10.jpeg)

The Perfusor<sup>®</sup> Space is compatible with all syringe sizes from 2/3ml to 50/60ml. Choosing the right syringe for the indication ensures:

Quick Startup

Qu

Impro Iess "

Flow (ml/h)

1.0

Timely occlusion alarms

ick startup			Timely	occl	usion	alarm	5	
ved accuracy at lower flow rates: Stick-Slip Effect" with small syringes 🗖			Quick identi syringes com	fication of I npares to 50	olockages on 2 0/60 ml 🗖 syrir	2/3 m <b>i∎</b> nges		
	Time	Time to alarm (s) 00	1	3	5	7 Pressure	9 limit set	ttings

The Space platform offers the convenience of automatically calculated weight-related rates to ensure accuracy of infusion.

![](_page_10_Figure_6.jpeg)

# **Benefits**

- High precision application
- Bolus free insertion
- Automatic calculation of weight related rates
- Drug specific hard- and soft limits
- Parameter changes can be locked via Data Lock function

#### Bolus free insertion

- Protection against freeflow during syringe change
- Piston break automatically immobilizes syringe piston after insertion

# Paediatrics and Neonatology – OccluGuard

The fastest way to smart alarming

![](_page_11_Picture_2.jpeg)

![](_page_11_Figure_3.jpeg)

![](_page_11_Figure_4.jpeg)

# Fast alarming when you need it most

Traditional methods can take as long as an hour to detect occlusions. In this time, the patient receives a significant underdose without the user being informed.

Fast alarming reduces this underdose and ensures the user is presented with all the necessary information necessary to make a clinical decision.

![](_page_11_Figure_8.jpeg)

Standard operation
Operation with OccluGuard

## **Occlusion Detecion**

Closed stopcocks, blocked filters, kinked lines, syringe effects – five causes, one solution: **OccluGuard** 

![](_page_11_Picture_12.jpeg)

No need for specialized disposables

![](_page_12_Picture_1.jpeg)

# **Operation Theatre: TCI**

![](_page_13_Picture_1.jpeg)

## Greater flexibility

- Space TCI possible with Infusomat<sup>®</sup>, reducing the number of syringe changes necessary
- Increased safety with DoseGuard<sup>®</sup> drug error reduction software
- Greater control enabled through the ability to change the drug concentration
- Enhanced user control with the possibility of delivering an extra bolus during TCI
- MRI compatible with no interference or degradation of image quality

## Third Generation TCI

B. Braun's Space system marks the introduction of 3<sup>rd</sup> generation TCI: simply use the nearest available Space pump as a temporary TCI pump.

![](_page_13_Figure_10.jpeg)

#### Predefined therapy schemes save staff time

To select the right therapy, Space provides a variety of TCI algorithms (Propofol: Schnider, Marsh; Remifentanil: Minto) as well as user profiles (plasma targeting/effect site targeting).

#### Anesthesia record keeping

Space offers the possibility to not only standardize the equipment in anesthesia with that of the rest of the hospital but also automatically generate electronic anesthesia records.

All important information visible on one screen

## Single pump wireless connectivity

Each Space pump may be equipped with a wireless module built into the battery. This simple upgrade brings the full package of connectivity to a single pump, allowing these pumps to be used more flexibly and more mobile then ever before.

# Concentrations

![](_page_14_Figure_9.jpeg)

## **Benefits**

- Third generation TCI not linked to dedicated disposables or pumps
- No equipment bottlenecks
- Algorithm ensures a light, sufficient and consistent anaesthesia
- Choice of algorithms: Propofol: Schnider, Marsh; Remifentanil: Minto

# **Specialist Units**

# Specialized Therapies for Specialist Units

![](_page_15_Picture_2.jpeg)

![](_page_15_Figure_3.jpeg)

- Freely programmable ramping phase to slowly incorporate nutrition into therapy and avoid intolerances
- Plateau for main phase of therapy
- Taper phase ensures slow and regular transition between IV enteral nutrition

## Patient Controlled Analgesia (PCA)

DataLock level 3 developed specifically for PCA.

- The text on the DataLock 3 can be customized to meet the requirements of pain services
- Prevents unauthorised change in parameters

![](_page_15_Picture_11.jpeg)

Syringe protective cap prevents accidental or unauthorised removal of syringe.

![](_page_16_Figure_1.jpeg)

- Two-phase therapy allows definition of a standard rate and bolus rate
- Ideal for infusion of antibiotics, cytostatics or tokolytic drugs

Ensure sufficient therapy: The A/D (attempts vs deliveries) ration is automatically calculated.

![](_page_16_Figure_5.jpeg)

![](_page_16_Figure_6.jpeg)

• Allows the programming of up to 12 different consecutive rates Indicated in, for example, Intravenous immunoglobin

# **Benefits**

Therapy Profiles:

- Reduced nurse workload
- Higher standardization of therapy
- Reduced medication error

PCA:

- Fast pain relief without increasing nurse workload
- Increased flexibility through extended battery life
- Therapy sufficiency always visible via A/D ratio
- Compatible with any Infusomat<sup>®</sup> Space or Perfusor<sup>®</sup> Space

# Imaging Environment – Space Station MRI

![](_page_17_Picture_1.jpeg)

The electromagnetic interference created by the pumps can negatively affect the image quality of the MRI images.

![](_page_18_Picture_2.jpeg)

With SpaceStation MRI

Without SpaceStation MRI

![](_page_18_Picture_4.jpeg)

MRI scanners emit strong magnetic fields that attract all ferromagnetic material. This poses a risk for patients and staff and can even damage the MRI equipment. The magnetic field meter, TeslaSpy® ensures the SpaceStation MRI is always positioned at a safe distance from the magnet without increasing workload.

#### Cost Savings with SpaceStation MRI

- No dedicated pumps needed: peristaltic MR-compatible pumps cost up to 20,000€
- Lower risk of MRI Breakdown: although unlikely, an MRI breakdown caused by ferromagnetic material entering magnet can cost as much as 50,000€
- Less costly rescans: a typical re-scan costs approximately 500€
- Quicker, effective patient transfer: expensive extra long infusion lines are not only a cost factor in themselves but waste nurse time to prepare,.

## **Benefits**

- Allows use of standard pumps in MRI environment
- Removes need for wasteful long infusion lines
- No interruption of running infusions
- Passive protection against scan interferrence

Find out more online: Either scan the 2D barcode with your smartphone or click on MRI on our webpage www.space.bbraun.com

![](_page_18_Picture_17.jpeg)

# **Dedicated Disposables**

![](_page_19_Picture_1.jpeg)

## The right disposable for the best result

Perfusor<sup>®</sup> Space pumps are essential where a precise and consistent infusion is necessary such as for inotropic drugs or in neonatal wards. The accuracy and consistency of an infusion, however, is not only dependant on the pump but is linked to the quality of the syringe. The interaction between a volumetric pump and the infusion line is just as subtle and an incorrect choice of line can lead to patient complications.

B. Braun therefore can only guarantee the accuracy and consistency of an infusion if high quality, dedicated disposables are used.

#### Infusomat® SafeSet

- The AirStop filter integrated into the drip chamber prevents the IV line running dry allowing for a more efficient change of infusion container
- The PrimeStop patient connector simplifies handling allowing for multiple infusions to be primed at once in a hygienic manner

#### More information:

Further information can be found in the brochure "Disposables - the Original by B. Braun" (6068892). Speak to your local sales rep or scan the 2D barcode with your smartphone

![](_page_19_Picture_10.jpeg)

5

10

15

\_\_\_\_\_20 ml Latex-free

# **Benefits**

- Further increases the range of available therapies
- Simple implementation through high system compatibility
- Broad range of disposables specifically suited to Space Infusion Pumps

- 60 - 50

## Infusomat<sup>®</sup> Space Lines with Transparent Light Protection

- Optimal protection of drugs against UV light up to 520nm
- No compromise on transparency: manual air bubble checks are still possible

#### **Nutrition lines**

20 = 20

30 三 30

40 = 40

50 = 50

B BRAUN

ml

- Only universal pump which supports enteral nutrition
- Only SGC pump which includes nutrition in alogrithm
- Inbuilt Ramp/Taper profiles reduce workload and increase reliability

# Space OnlineSuite – the new Application Platform

![](_page_21_Picture_1.jpeg)

## **OneView**

- Increased efficiency due to centralized IV therapy overview
- Immediate information in all rooms
- Pump alarm management support
- Reduces alarm stress for both nursing staff and patients
- Increased medication safety

## Drug Library Manager .WEB

- Always up-to-date Drug Library
- Time saving for technicians
- No workflow disturbance
- Increased medication safety

![](_page_21_Picture_13.jpeg)

![](_page_21_Picture_14.jpeg)

Che View	Dr. Libra Mana
	A Space CM
Client Intranet/ Extranet	
SpaceCom	
	Hosp Netu

![](_page_22_Figure_1.jpeg)

#### **Drug Library Manager**

- Central administration of therapy settings
- One DrugLibrary file for all pumps
- Easy set up of Care Unit specific DrugLists

## DoseTrac

Reports for:

- Insights into potential medication errors
- Monitor practice and process improvements
- Optimized pharmacy management
- Documentation without gaps

![](_page_22_Picture_12.jpeg)

# **Benefits**

- One platform for several infusion management applications
- Easy to integrate into the hospital network
- Adaptable and extendable due to standardized technologies
- Future-proof design

More information:

Further information can be found in the brochure "Space OnlineSuite" (6064500). Speak to your local sales rep or scan the 2D barcode with your smartphone.

![](_page_22_Picture_20.jpeg)

#### Find out more online: Either scan the 2D barcode with your smartphone or click on Space OnlineSuite on our webpage: www.space.bbraun.com

![](_page_22_Picture_22.jpeg)

# **Technical Data**

#### Infusomat® Space, Volumetric infusion pump

Type of unit	Volumetric infusion pump
Dimensions	214 x 68 x 124 mm (WxHxD)
Weight	Approx. 1.4 kg
Moisture protection	IP 22, drip protected for horizontal usage
Display	Backlit graphic display, ~40° read angle from all sides
Keypad	Backlit keys, cell phone like cursor navigation
Flow Rates	0.1-1200 ml/h
Accuracy of set delivery rate	<< ±0,5 % mechanical accuracy ± 5 % according to IEC/EN 60601-2-24
Operating Temperature	+10° C + 40° C +50° F +105° F
Voltage	11-16 V DC supplied by external Space Power Supply or by SpaceStation
Battery operating time	Minimal power consumption of the devices and new battery technology ensure long operating times, e.g. 9.4 hrs. @ 80 ml/h, 8.5 hrs. @ 100 ml/h
Lifetime	Min. 10 years under continuous duty conditions
Article-No	Infusomat® Space: 8713050 Infusomat® Space P: 8713070

![](_page_23_Figure_3.jpeg)

8713050 Infusmat® Space

#### Perfusor<sup>®</sup> Space

Type of unit	Infusion syringe pump, syringe driver
Dimensions	249 x 68 x 152 mm (WxHxD), drive parked
Weight	Approx. 1.4 kg
Moisture protection	IP 22, drip protected for horizontal usage
Display	Backlit graphic display, ~40° read angle from all sides
Keypad	Backlit keys, cell phone like cursor navigation
Flow Rates	0.01-1800 ml/h
Accuracy of set delivery rate	$<< \pm$ 0,5 % mechanical accuracy $\pm$ 2 % in compliance with IEC/EN 60601-2-24
Operating Temperature	+5° C + 40° C +41° F +105 °F
Voltage	11 - 16 V DC supplied by external Space Power Supply or by SpaceStation
Battery operating time	Minimal power consumption of the devices and new battery technology ensure long operating times, e.g. 16.8 hrs @ 1 ml/h, 16 hrs @ 5 ml/h, 14 hrs @ 20 ml/h
Lifetime	Min. 10 years under continuous duty conditions
Article-No	Perfusor <sup>®</sup> Space: 8713030

![](_page_23_Figure_7.jpeg)

8713180 Battery Pack SP without fixation pin

8713180A Battery Pack SP with fixation pin

#### Space SmartBattery Packs

Type of unit	High capacity SmartBattery Pack for Infusomat® Space, Perfusor® Space, SpaceCom and SpaceCover Comfort				
Handling	Simple tool-free replacement by opening the cover of the battery compartment				
Cells	four 1.8 Ah NiMH cells				
Electronics	Discreet processor / memory PCB that monitors and controls the charging / discharging cycle				
Status	Visualization of the actual status as icon $\square$ in the main screen (">10 %, ">50 %" or ">80 %" of the battery capacity) and as remaining time in hours and minutes				
Recharging time	Approx. 3 hours for 80 % of the operation time Approx. 6 hours for 100 % of the capacity				
Mechanism to extend battery lifetime	Processor PCB controls the temperature of the cells Embedded battery maintenance software				
Article-No	Battery Packs (SP) without Wireless: with Wireless:	with pin 8713180A 8713182A	without pin 8713180 8713182		

## Space Power Supply and Space PoleClamp

Type of unit	High capacity SmartBattery Pack for Space: Voltage supply for up to 3 Spa PoleClamp Space: Snap-in-Technique up to 3 Space pumps	Infusomat <sup>®</sup> Power Supply ace pumps for fast fixation of stacks of	8713130 Space PoleClamp
Fixation	PoleClamp can be attached to infusi (diameter 16–40 mm) as well as hor accord. to EN1789	on poles and vertical tubes izontal wall rail systems	
Moisture protection	Power Supply: protected from splash	n water, IP42	
Voltage	100-240 V AC +/-10 % = 90-264 V	Power Supply/Adapter	
Adapters	Euro, UK, USA, RSA, India, Korea, Ch	ina, Australien	
Cable length	2 m		
Accessories	8713133 Combi Lead 12 V – to conne power supply; 8713135 Short infusior	ct up to 3 Space pumps to one a stand for Space PoleClamp	
Article-No	Space PoleClamp: Combi Lead 12 V:	8713130 8713133	8713133 Combi Lead 12 V

## Ambulance cars, helicopters and jets

Туре	12 V adapter cable to connect up to onboard supply system of ambulance	3 Space pumps to the cars, helicopters or jets	
Certificates for pumps incl. accessories	EN 1789 Type B: Emergency Ambular EN 1789 Type C: Mobile Intensive Ca EN 13718-1: Air, water and difficult to		
Power consumption	max. 20 W for 3 pumps		
Accessories	8713231 On-board 12 V supply		9712221 On board 12 V supply
Article-No	On-board 12 V supply:	8713231	6713231 OII-ODard 12 V Supply

# **Technical Data**

Type of Device       Modular stackable rack (SpaceStation) for any combination of up to 4 Infusomat® Space or Perfusor® Space       Image: SpaceStation         SpaceCover Standard as roof of the upper SpaceStation.       SpaceCover Comfort with central optical and acoustic operation status indicator. Central adjustable volume of the alarm signals.       Image: SpaceCover Standard: 0.08 kg         SpaceCover Comfort: 0.08 kg       SpaceStation: 3.6 kg       SpaceStation: 3.6 kg       Image: SpaceStation: 3.6 kg         SpaceStation: 3.6 kg       SpaceStation: 10.6 kg       SpaceStation: 3.6 kg       Image: SpaceStation: 3.6 kg         SpaceStation: 3.6 kg       SpaceStation: 3.6 kg       Image: SpaceStation: 3.6 kg       Image: SpaceStation: 3.6 kg         SpaceStation: 10.6 kg       SpaceStation: 3.6 kg       Image: SpaceStation: 3.6 kg       Image: SpaceStation: 3.6 kg         SpaceStation: 3.0 kg       Image: SpaceStation: 3.6 kg       Image: SpaceStation: 3.6 kg       Image: SpaceStation: 3.6 kg         SpaceStation: 3.0 kg       Image: SpaceStation: 3.6 kg       Image: SpaceStation: 3.6 kg       Image: SpaceStation: 3.6 kg         Moisture protection       IP22, drip protected for horizontal wall rail systes accord. to EN1789       Image: SpaceStation: 2.6 kg         Now of A/220 V 0.3 A; Secondary: 12V DC/235 W       SpaceCowr without WLAN: ~ 3 hrs @ one battery       SpaceCowr without WLAN: ~ 3 hrs @ one battery         SpaceCowr without WLAN: ~ 2 hrs @ two batteries       SpaceCow	SpaceStation, SpaceCover St	andard, SpaceCover Comfort		
WeightsSpaceCover Comfort: 0.9 kg SpaceCover Standard: 0.6 kg SpaceStation ::3.6 kg SpaceStation with SpaceCom: 4.1 kgImage: Constant of the space Stations (6 x 4 slots) in one, two or three pillarsExpandabilityTool-free assembly of up to 6 Space Stations (6 x 4 slots) in one, two or three pillarsImage: Constant of the space Stations (6 x 4 slots) in one, two or three pillarsFixationUniversal clamp can be attached to infusion poles (diameter 16-40 mm) as well as horizontal wall rail systes accord. to EN1789Moisture protectionIP22, drip protected for horizontal usagePower supply systemBuilt-in AC adapter. Standard mains cord for non-heating apparatus, rubber connector Primary: 100-120 V AC ~ 50/60 Hz, 200-240 V AC ~ 50/60 Hz, 110V 0.6 A/220 V 0.3 A; Secondary: 12V DC/35 WBattery operating timeSpaceCoverComfort: ~ 26 hrs SpaceCom without WLAN: ~ 3 hrs @ one battery SpaceCom with WLAN: ~ 3.5 hrs @ two batteries SpaceCom with WLAN: ~ 3.5 hrs @ two batteriesOperating Temperature+10° C + 40° C +50° F + 105° FArticle-NoSpaceCover Standard: SpaceCover Comfort: SpaceCover Comfort: 8713140 SpaceStation incl. SpaceCom: 8713142 SpaceCom Retrofitting kit: SpaceCom Retrofitting kit: SpaceCom Retrofitting kit: 8713160 PoleClamp SPS 34521151PinceClamp SPS	Type of Device	Modular stackable rack (Space to 4 Infusomat <sup>®</sup> Space or Perf SpaceCover Standard as roof of SpaceCover comfort with cent status indicator. Central adjus	Station) for any combination of up usor® Space of the upper SpaceStation. cral optical and acoustic operation table volume of the alarm signals.	WE 261 mm
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FixationUniversal clamp can be attached to infusion poles (diameter 16-40 mm) as well as horizontal wall rail systes accord. to EN1789Moisture protectionIP22, drip protected for horizontal usagePower supply systemBuilt-in AC adapter. Standard mains cord for non-heating apparatus, rubber connector Primary: 100-120 V AC ~ 50/60 Hz, 200-240 V AC ~ 50/60 Hz, 110V 0.6 A/220 V 0.3 A; Secondary: 12V DC/35 WBattery operating timeSpaceCoverComfort: ~ 26 hrs SpaceCom without WLAN: ~ 3 hrs @ one battery SpaceCom without WLAN: ~ 5 hrs @ two batteries SpaceCom with WLAN: ~ 2 hrs @ one battery SpaceCom with WLAN: ~ 2 hrs @ one battery SpaceCom with WLAN: ~ 3.5 hrs @ two batteriesOperating Temperature+10° C + 40° C +50° F F.Article-NoSpaceCover Standard: 	Expandability	Tool-free assembly of up to 6 (6 x 4 slots) in one, two or thr	Space Stations ee pillars	
Moisture protectionIP22, drip protected for horizontal usagePower supply systemBuilt-in AC adapter. Standard mains cord for non-heating apparatus, rubber connector Primary: 100-120 V AC ~ 50/60 Hz, 200-240 V AC ~ 50/60 Hz, 110V 0.6 A/220 V 0.3 A; Secondary: 12V DC/35 WBattery operating timeSpaceCoverComfort: ~ 26 hrs SpaceCom without WLAN: ~ 3 hrs @ one battery 	Fixation	Universal clamp can be attach 16-40 mm) as well as horizont		
Power supply systemBuilt-in AC adapter. Standard mains cord for non-heating apparatus, rubber connectorImage: Standard mains cord for non-heating apparatus, rubber connectorPrimary: 100-120 V AC ~ 50/60 Hz, 200-240 V AC ~ 50/60 Hz, 100 0.6 A/220 V 0.3 A; Secondary: 12V DC/35 WImage: Standard mains cord for non-heating apparatus, rubber connectorBattery operating timeSpaceCoverComfort: ~ 26 hrs SpaceCom without WLAN: ~ 3 hrs @ one battery SpaceCom with WLAN: ~ 3 hrs @ one battery SpaceCom with WLAN: ~ 3 hrs @ one battery 	Moisture protection	IP22, drip protected for horizo		
Battery operating timeSpaceCoverComfort: ~ 26 hrs SpaceCom without WLAN: ~ 3 hrs @ one battery SpaceCom without WLAN: ~ 5 hrs @ two batteries SpaceCom with WLAN: ~ 2 hrs @ one battery SpaceCom with WLAN: ~ 3.5 hrs @ two batteriesImage: Complex	Power supply system	Built-in AC adapter. Standard tus, rubber connector Primary: 100-120 V AC ~ 50/6 110V 0.6 A/220 V 0.3 A; Secor		
Operating Temperature+10° C + 40° C +50° F +105° FArticle-NoSpaceCover Standard:SpaceCover Standard:8713147 SpaceCover Comfort:SpaceCover Comfort:8713145 SpaceStation incl. SpaceCom:SpaceStation incl. SpaceCom:8713140 SpaceCom Retrofitting kit:SpaceCom Retrofitting kit:8713160 PoleClamp SPSObecClamp SPS34521151	Battery operating time	SpaceCoverComfort: ~ 26 hrs SpaceCom without WLAN: ~ 3 SpaceCom without WLAN: ~ 5 SpaceCom with WLAN: ~ 2 hr SpaceCom with WLAN: ~ 3.5	8 hrs @ one battery 5 hrs @ two batteries s @ one battery hrs @ two batteries	
Article-NoSpaceCover Standard:8713147SpaceCover Comfort:8713145SpaceStation:8713140SpaceStation incl. SpaceCom:8713142SpaceCom Retrofitting kit:8713160PoleClamp SPS34521151	Operating Temperature	+10° C + 40° C +50° F +105° F		
	Article-No	SpaceCover Standard: SpaceCover Comfort: SpaceStation: SpaceStation incl. SpaceCom: SpaceCom Retrofitting kit: PoleClamp SPS	8713147 8713145 8713140 8713142 8713160 34521151	164 mm PoleClamp SPS

PCA			
Space PCA kit	PCA kit for Infusomat <sup>®</sup> and F	Perfusor <sup>®</sup> Space	
Article-No	PCA kit:	8713554	$\bigwedge$
Syringe anti removal cap	Protective cap to prevent syr		
Article-No	Anti removal cap:	8713556	

SpaceStation MRI		
Type of unit	MR-conditional unit for taking up to four Space pumps incl. trolley	
Certificates	Siemens MRI scanners: Trio (3 Tesla) Trio A Tim System (3 Tesla) Verio (3 Tesla) Espree (1.5 Tesla) Avanto (1.5 Tesla) Sonata (1.5 Tesla) Symphony (1.5 Tesla) ESSENZA (1.5 Tesla)	Weight: app. 40 kg
Max. magnetic flux density	20 mT = 200 G Online vectorial measurement of the field components in three axes.	
Radio interference suppression	IEC EN 60601-1-2:2001 IEC EN 60601-2-24:1998	
Voltage	Primary: 100-120V AC / 200-240 VAC; max 80 VA Inlet connector for non-heating apparatus; rubber connector	SpaceStation MRI
Moisture protection	IP21, protection against waterdrops	
Article-No	SpaceStation MRI: 8713152	
Accessories		
Article-No	Extension lead 60 cm:8713210Extension lead 120 cm:8713215Extension lead 10 m:8713315Extension lead 15 m:8713415Space SmartBattery Pack:8713180	
Space OnlineSuite		
Article-No	Space OnlineSuite DVD:876100Space OnlineSuite DVD incl. license dongle:876101	Space OnlineSuite DVD Space OnlineSuite DVD incl. license dongle
Space GlucoseControl (SGC)		
SpaceControl	Decision support system for glucose therapy.	

SpaceControl and SGC modul	Decision support system for Consists of SpaceControl a SGC module with the eMP	or glucose therapy. Is user interface and the C alogrithm.	
Article-No	SpaceControl: SGC Module:	8713090 8713584	255 mm

![](_page_27_Picture_0.jpeg)