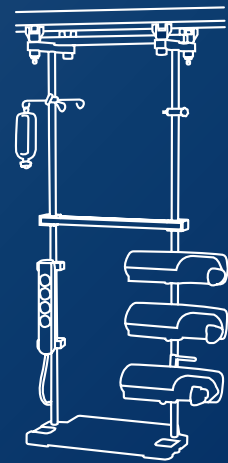


# Quality for Life

GENERAL CATALOGUE



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## Dear Readers,

This catalogue will enable you to get a complete overview of all provita medical products. Everything in a single volume with many technical details and application examples at a glance.

We, at provita medical, elevate daily our standards for quality and live any requirements for innovation. This is evident in many new developments and in our proven products and systems.

At provita medical we stand for:



- production „made in Germany“
- a high in-house production concentrated at a central location as well as an efficient manufacturing
- development in line with the market and an enhanced processing production
- qualified and personal service

Convince yourself!

Get an initial impression from our catalogue - and feel free to get a deeper impression by contacting us personally.

We will be pleased to advise you further in your product inquiry the best possible way.

On behalf of the entire provita team, we wish you a very informative reading and look forward to cooperate with you.

Sincerely, your

Micha Hilverkus and Remo Pleuser

PS: Of course, you can also see all of our product information easy and in detail, on our website [www.provita.de](http://www.provita.de)

# Your Contacts

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You will find your contact partner here, if you wish to contact us directly.

In addition to the German language, you can correspond with your contact in additional languages (see flags):



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## Orders, Delivery Dates and Consignments

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### Lights & Accessories



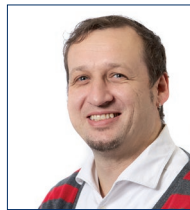
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# About us

## Provita medical – a company with image

### Our range of services

Provita medical gmbh & co. kg as an established medium-sized family business is one of the leading companies within the medical sector. Meanwhile, provita medical looks back at a tradition of almost 50 years. The bandwidth of products fulfils any customer demand, including a full availability for our OEM-partners.

Roundly patient care thanks to a high quality realization and production at the centrally located site in the north rhine westphalian town of Wermelskirchen. From there, provita medical gmbh & co. kg distributes and delivers its products to international business partners. As a manufacturer of medical products provita medical is keen to manage any production and connected businesses in a very responsible, sustained manner.







## Our portfolio includes:

- Examination and Reading lamps
- IV-Poles, Docking Cart, Hygiene-Centre
- Ceiling Rail Systems
- Wall Rail Systems

## Business objectives and principles of conduct

### + intensive communication

One of our prime objectives is to develop user-related products through an intensive dialogue with nursing staff, doctors, specialized dealers, architects and industrial customers. Personal and solid consultation is first in line. In order to successfully work together with international business partners, professional and sophisticated sales staff is of great importance. Therefore, we offer direct from our German location consulting in many different languages. Through communication and custom-made developments, innovative products come into existence and within this

procedure, your wishes and ideas as our customer, are of central significance.

### + responsible behaviour

Provita medical tolerates exclusively legally and ethically behaviour. This is expected by the management as well as by all employees in their daily life. We place big importance on a constantly responsible acting and an honest, fair cooperation.

### + promising staff

Our employees are innovative and flexible. The company owes its success to their dynamic, creativity and innovative capacity. It is our concern to support them. We promote further education of our employees and offer internal as well as external trainings which do not only ensure the quality of our products but also help our staff to develop their skills and to motivate them.

We invest in the next generation by recruiting trainees to a great extent and by employing them after a successful degree and deploying them appropriately to their talent.

An integration of physically challenged people and regular working hours are part of our everyday life. An ethically correct behaviour is our highest obligation in this connection.

In order to support our employees' health, for example: all places of work are furnished with ergonomically equipment. In addition, a warm and healthy lunch is prepared in our company-owned kitchen and provided to all employees twice a week. We strive for a long-term cooperation with our colleagues. This is of a great concern to us.





### + best quality

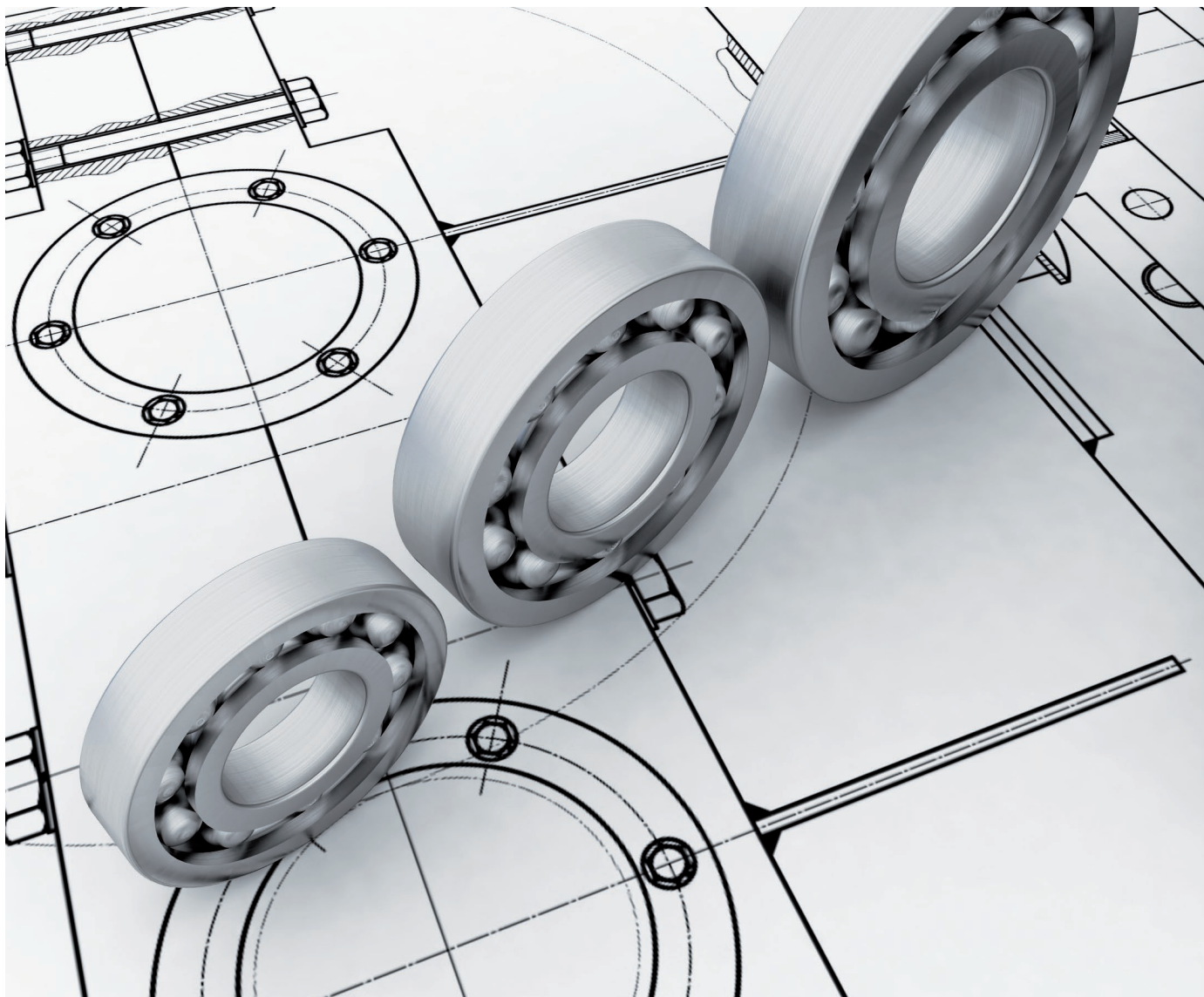
We manufacture and use commodities and materials from reliable suppliers from Europe. These partnerships with renowned producers and the quality mark "made in Germany" guarantees best quality. In the company-owned production site in Wermelskirchen, provita medical combines the use of modern machines with conscientious manual labour. Hence the company is equipped with efficient CNC lathes, milling, plastic injection moulding machines and tube laser which ensure a precise manufacturing of the products. But not only precision is on demand: Cleanness and a thought-out warehousing belong to our understanding of an exact job. A technically high level and an ageless product design optimally complement one another. That's why we have a team of technical staff that intensively deals with the desires and enquiries of our customers. Each product is checked for its good functioning and condition before it is carefully packed for a safety transport. Our quality management arranges all steps – beginning with the manufacturing, ending with a reported dispatch. We produce in accordance to the norm ISO 9001. Provita medical guarantees after-orders (also of single parts) for a period of 10 years. Thus it grants a long-term use of all products.

### + healthy environment

Provita medical does not only commit itself to customers' requests. But we also take social responsibility. This starts with a thought-out handling of our resources and extends to the support of social, humanitarian projects in the local, regional and international surroundings of our company. Because we are responsible to our environment, the company's facilities run with highly efficient heating systems as well as the compliance of legal waste separation where certified service providers arrange the recycling of reusable material.







### + careful sustainability

Holistic environmental protection and sustainability of products are of great priority at provita medical. From development to recycling of the respective product, we think environmentally responsible and try as far as possible to use only environmentally acceptable substances. We prove it by observing and complying with the RoHs directive and REACH regulations if desired.

### + strong growth

Through the use of our financial means in a justifiable and low-risk investment limit, we are financially independent. The increase of our company is operated on a healthy and controlled scale.

We are obliged to think and to act in the long term: for the customer's well-being as well as for a better future for our company, our society and the next generation.



**provita medical gmbh & co. kg**

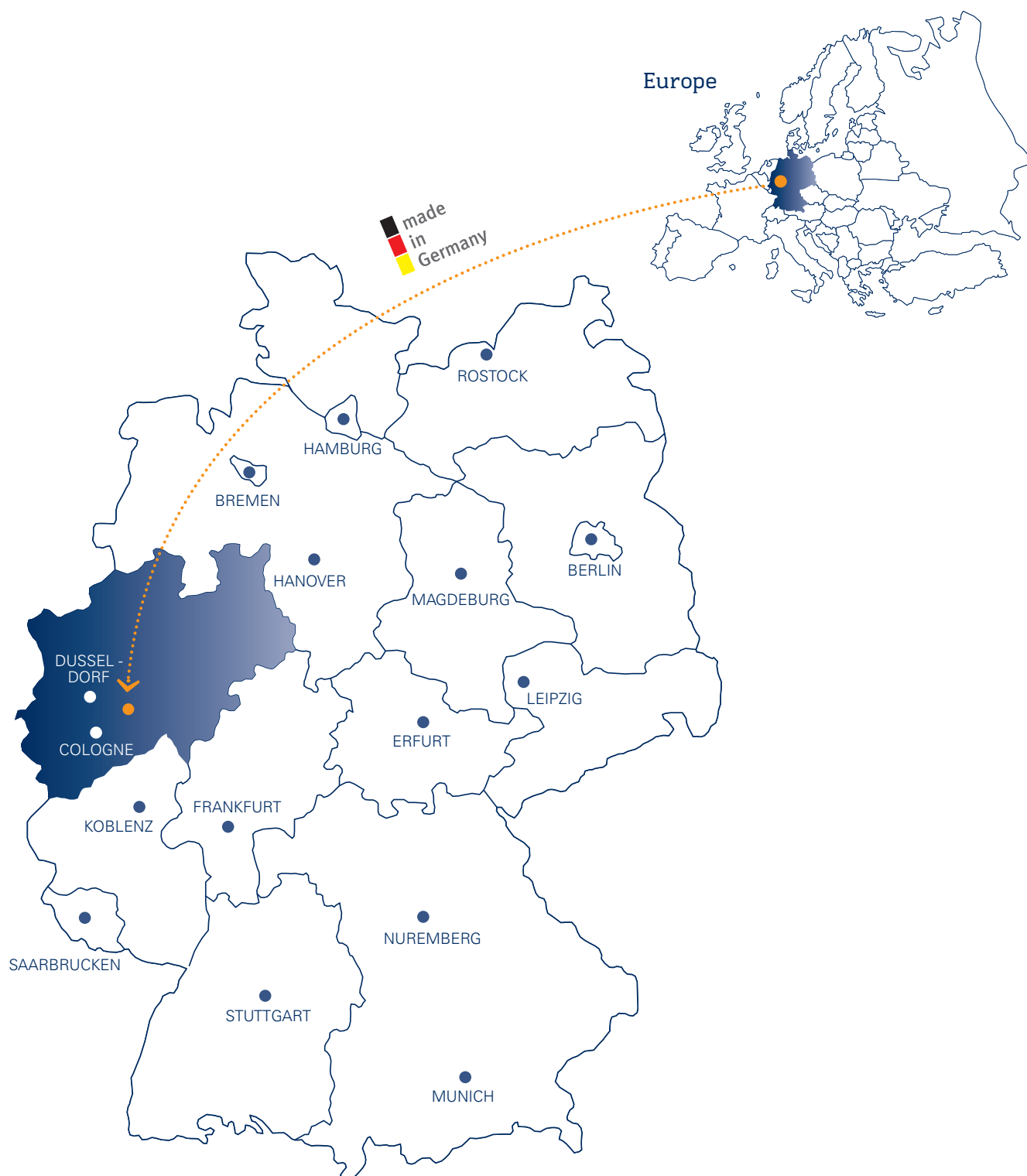
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**Address and Location**

# Lamps

# Lamps





- + expressive
- + rich in contrast
- + efficient





## Lamps

Whether in an examination room, in the intensive care unit or at the patient's bedside - provita lights always shine a light onto what is important: the health and wellbeing of patients.

The examination and reading lights from provita combine sophisticated technology with modern design. The simple handling and our strict requirements regarding the safety of the products are central to our developments.

As high light output, low energy consumption, low heat generation and accurate colour reproduction are essential in a medical environment, provita increasingly operates with high-quality LED lights.

You can, of course, also choose halogen lights, integrate dimmers or make use of colour temperature filters to achieve your optimal lighting effect.



Provita lights can be put to versatile use as part of a carefully considered system, be that on a stand with castors, on ceiling or wall rails, or on a table or bed. The lights can be adjusted with a large radius of motion and remain fixed in the desired position.

Due to our electrical inspection and the gapless documentation of all components, from production to the delivery of each individual light, we can guarantee the highest safety standards.

Our six series of lights practically cover the entire scope of requirements in hospitals, medical practices and healthcare institutions. While the lights in series 1 and 5 are dedicated examination lights, series 2, 3, 4 and 6 cover everything you could possibly want in a reading light.

Provita would be happy to develop variations within our product range in accordance with your specifications.



# Many product advantages to your benefit

## application

- + light intensity, non-reflective illumination of the work field to optimize procedures during treatment and to support the examining doctor
- + uniform light distribution and an adequate luminance intensity assist the visual performance and facilitate the visual task
- + integrated spring-balanced arm for user-friendly positioning (Series 1 + 2)
- + safety adjustment of lamp arm through a thread handle (Series 1 + 2)
- + universally adaptable
- + optimal hygiene characteristics (wipe disinfection)

## technology

- + with high grade aluminium cool-body (Series 1 + 2)
- + optimal heat dissipation through double-wall lamp head housing (air apertures)
- + all plastic elements are non-fading

## economy

- + complete recyclability
- + minimal maintenance



## safety

- + ideal heat guidance through a „chimney effect“ (Series 1 + 2 + 3)
- + protected internal cable guiding
- + the compact construction derives loss or dismantling of individual components
- + the Aqua-Stop technology provides optimal guidance and sealing of the telescopic tubes
- + high quality powder coating with high stability against discolouration
- + castors with non-marking, thermoplastic tread and threadguards

## versions

### LED

- + extended life time – maximum energy efficiency – minimal maintenance
- + new LED-module with central reflector and high light values (Series 1)
- + no penetration of liquids between the both tubes (thanks to patented sealing cap)
- + enough safe distance in between both tubes once the pole reached its lowest height as a precaution of risk of injury (e.g. to avoid finger traps)

### HALOGEN

- + proven light source as an economic alternative: natural light with a high colour rendering index
- + halogen technology with cold light reflector
- + an abrupt sinking is prevented
- + the base legs are closed with plastic plugs (no injury risk)

### MOBILE LAMPS

- + flexible use: at the right time, at the right place
- + base assembly through a patented plug in and out system and one single screw connection (Series 1 + 2)
- + adjustment of the telescopic tube through a comfortable single-handed safety height adjustment/screw height adjustment
- + WALL-/CEILING MOUNTED LAMPS
- + full access to the patient thanks to a maximum floor freedom
- + space-saving alternative compared to the mobile lamp
- + maximal freedom of movement



### Series 1 Examination Lamp

LED, Halogen and  
Twin-Examination Lamp

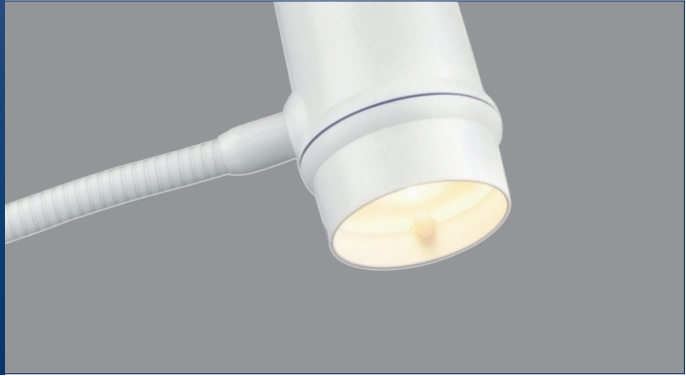
P. 20



### Series 2 Examination- and Reading Lamp

Small LED and Halogen  
Examination/Reading Lamp

P. 30



### Series 3 Reading Lamp

Reading Lamp with  
Energy-Saving Bulb or LED

P. 32



### Series 4 Reading Lamp

Small LED and Halogen Reading Lamp

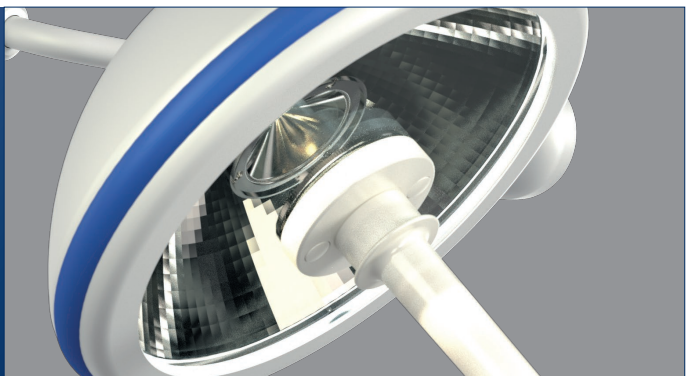
P. 34



### Series 5 Big Examination Lamp

Big Examination Lamp with LED  
Reflector Technology

P. 36





## Series 6 Reading Lamp

P. 40

Aesthetic Reading Lamp



## Accessories

P. 42

For all Lighting-Systems



# Series 1

Examination Lamp



LED technology  
made in Germany

## LED

- + bulb with central reflector assures a focused light output
- + reduced blinding reaction

Colour of lamp	white
Light source	LED, central reflector 18 V / 12 W
Light colour	appr. 4.300 K $\pm$ 200 K
Light output	> 50.000 Lux / 500 mm ~ 12.750 Lux / 1.000 mm
Light field diameter D10	100 / 160 mm at 500 / 1.000 mm
Luminous flux	160 lm
Colour rendering index Ra	93
Colour rendering index R9	90
Life expectancy	> 30.000 h (light source)
Switch	at lamp head
Electrical mains	100–240 V, 50–60 Hz
optional	2 step-switch

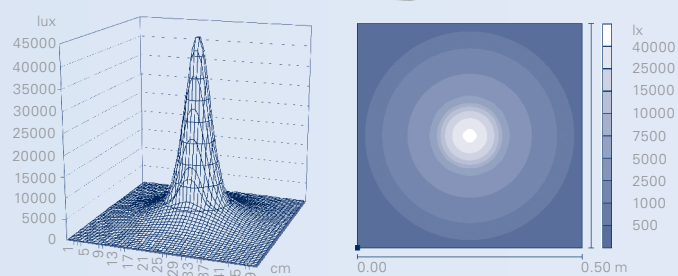
## Halogen

### + proven light source as an economic alternative

Colour of lamp	white
Light source	halogen bulb with cold light reflector, 12 V / 35 W IRC, 10°
Light colour	appr. 3.000 (3.700) <sup>1)</sup> K
Light output	appr. 28.500 lux / 500 mm appr. 8.100 lux / 1.000 mm
Light field	Ø 90 / 180 mm at 500 / 1.000 mm
Life expectancy	appr. 3.000 h (light source)
Electrical mains	230 V, 50 – 60 Hz
Switch	in lamp housing / in handle (Ceiling / Wall version)

<sup>1)</sup> with colour correction filter

! Production of lamp in accordance to DIN EN 60601, 3rd Edition

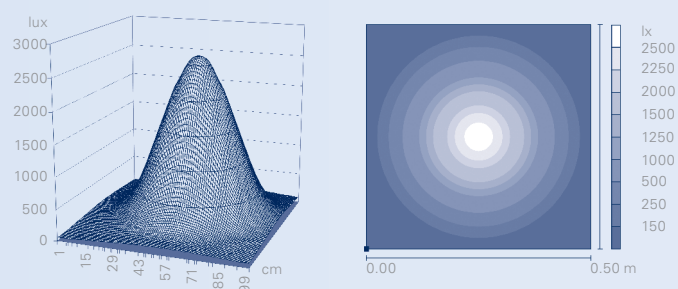


## Twin version

### + lamp enables switching between an examination- and reading light

Colour of lamp	white
Light source	halogen bulb with cold light reflector, 12 V / 35 W IRC, 10° R-Lamp: appr. 12 V / 20 W, 36°
Light colour	appr. 3.000 K
Light output	E-Lamp: appr. 28.500 lux / 500 mm appr. 8.100 lux / 1.000 mm R-Lamp: appr. 2.500 lux / 500 mm appr. 700 lux / 1.000 mm
Light field	E-Lamp: Ø 90 / 180 mm at 500 / 1.000 mm R-Lamp: Ø 350 / 700 mm at 500 / 1.000 mm
Life expectancy	appr. 3.000 h (light source)
Electrical mains	230 V, 50 – 60 Hz
Switch	in lamp housing / in handle (Ceiling / Wall version)

! Production of lamp in accordance to DIN EN 60601, 3rd Edition



Reading Lamp graphics (Exam. Lamp graphics see above)





## Lamp with Flexible Gooseneck Arm

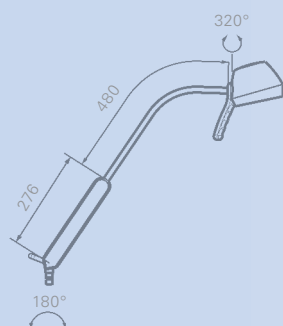
### + clean and modern design

Working radius	appr. 800 mm
Total weight (net weight)	appr. 2,6 kg
Joint pin	Ø18, L 35 mm
optional	dimmer on request / international plug / 110 V / colour correction filter (only halogen)

► for light details see page 20 –21

wall bracket optional, for  
accessories see page 42

L100005A	halogen
L100006A	twin version
L100011A	LED



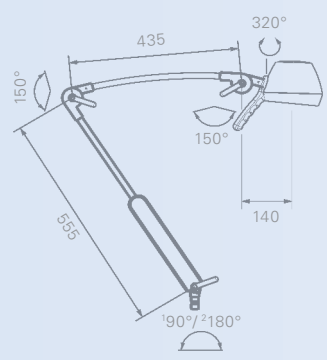
spring-balanced arm for user-friendly positioning (see p. 23)



## Lamp with Double-Joint Articulated Arm

+ easy and safe positioning of lamp head by means of an ergonomic handle

Working radius	appr. 1.100 mm
Total weight (net weight)	appr. 2,9 kg
Joint pin	Ø18, L 35 mm
optional	dimmer on request / international plug / 110 V / colour correction filter (only halogen)



► for light details see page 20 –21

with spring-balance technology <sup>1</sup>	without spring-balance technology <sup>2</sup>	
L100080A	L100061A	halogen
L100082A	L100064A	twin version
L100081A		LED

Switch arrangement on lamps with double-joint articulated arms

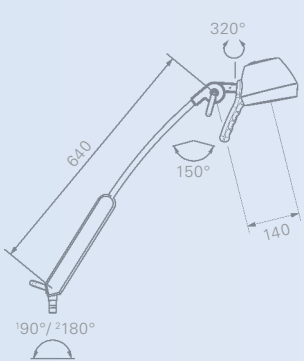
	(A)	(B)	(C)
LED	+		+
Halogen	+	+	
twin version	+	+	

- (A) Main switch in the lamp housing (green illuminated)
- (B) Rocker switch in the lamp handle
- (C) Rocker switch in the lamp head

## Lamp with Joint Articulated Arm

+ available on a fixed height or adjustable pole on a mobile roller base (see page 24/25)

Working radius	appr. 800 mm
Total weight (net weight)	appr. 2,8 kg
Joint pin	Ø 18, L 35 mm
optional	dimmer on request / international plug / 110 V / colour correction filter (only halogen)



► for light details see page 20 –21

with spring-balance technology <sup>1</sup>	without spring-balance technology <sup>2</sup>	
L100030A	L100020A	halogen
L100032A	L100019A	twin version
L100031A	L100024A	LED

for accessories see page 42

# Mobile Lamp on a Fixed Height Stand

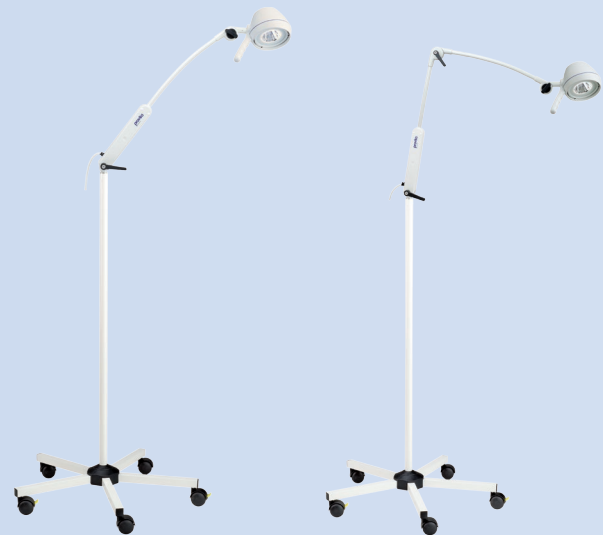
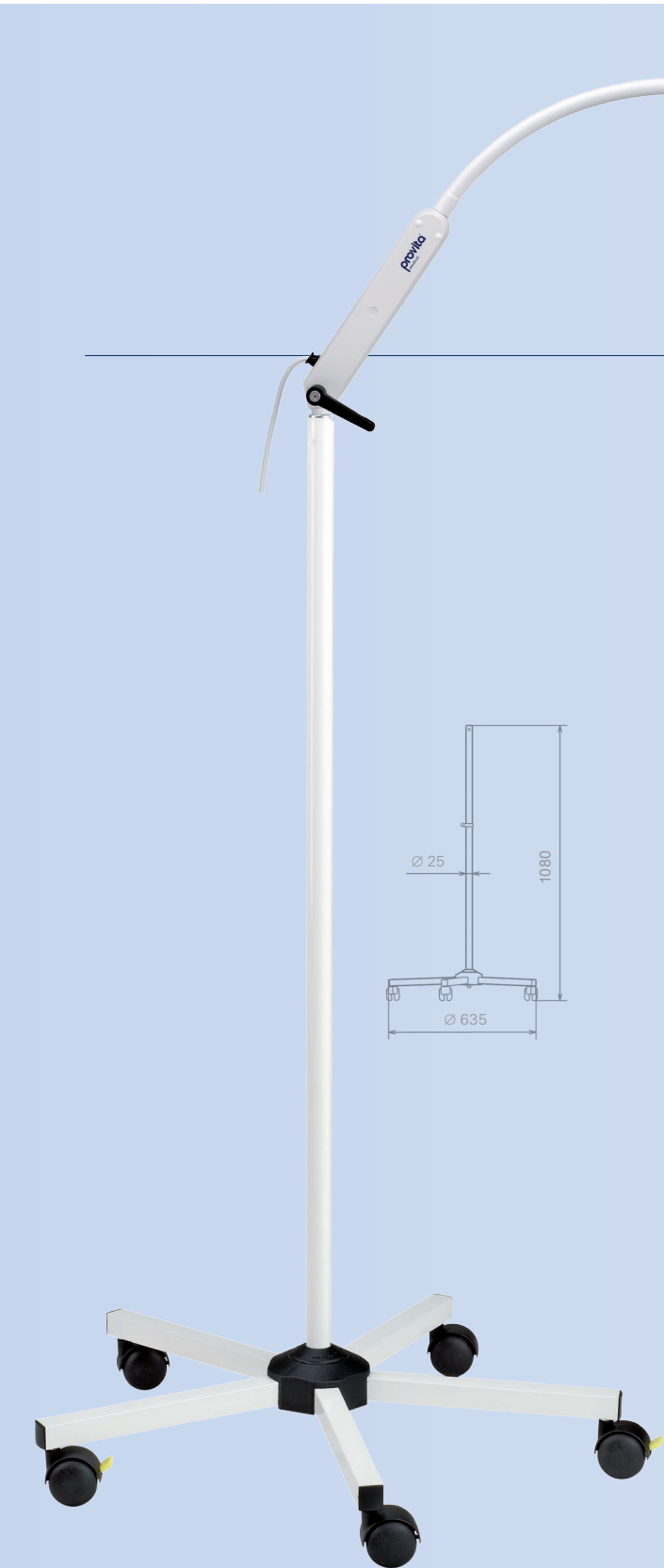
+ mobile lamp on a stable, tilt-resistant roller base

Colour of lamp	white
Working radius	appr. 800 mm
Total weight (net weight)	appr. 7,8 kg
Joint pin	Ø 18, L 35 mm
Roller base	steel, white coated
Base diameter	appr. 635 mm
Castors	twin castors Ø 50 mm, according to DIN EN 60601 electrically conductive and lockable
optional	dimmer on request / international plug / 110 V / colour correction filter (only halogen)

► for light details see page 20 –21

LED	halogen	twin version	
L111111A	L111105A	L111106A	gooseneck arm
	L111161A	L111164A	double joint articulated arm
L111124A	L111120A	L111119A	articulated arm
L111181A	L111180A	L111182A	spring balanced double joint articulated arm
L111131A	L111130A	L111132A	spring balanced articulated arm

! with weighted base





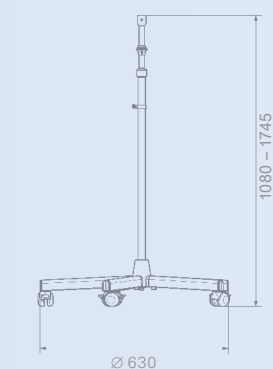
## Mobile Lamp on a Height-Adjustable Stand

+ controlled by single-handed safety height adjustment

Colour of lamp	white
Working radius	appr. 800 mm
Total weight (net weight)	appr. 10,6 kg
Joint pin	Ø 18 mm, L 35 mm
Roller base	steel, white coated
Base diameter	appr. 635 mm
Castors	twin castors Ø 50 mm, according to DIN EN 60601 electrically conductive and lockable
Tread hardness	A 100 Shore
optional	dimmer on request / international plug / 110 V / colour correction filter (only halogen)

► for light details see page 20–21

LED	halogen	twin version	
L121111A	L121105A	L121106A	gooseneck arm
L121171A	L121161A	L121164A	double joint articulated arm
L121124A	L121120A	L121119A	articulated arm
	L121180A	L121182A	spring balanced double joint articulated arm
L121131A	L121130A	L121132A	spring balanced articulated arm



! with weighted base

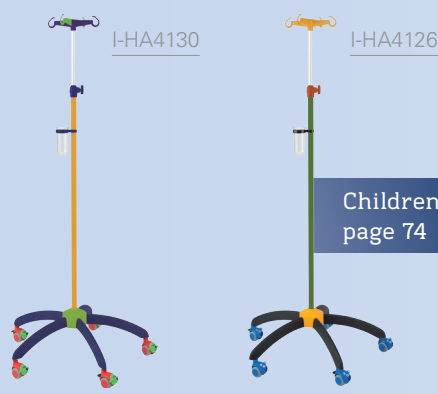


# Children lamp

+ colourful combinations enhance the hospital environment and encourage patient rehabilitation

Light source	halogen, 12 V / 35 W, 10°
Light colour	appr. 3.000 K
Light output	28.500 lux / 500 mm
Life expectancy	up to 3.000 h
Switch	in lamp housing
Electrical mains	230 V, 50-60 Hz
Working radius	appr. 800 mm
Joint pin	Ø 18, L 35 mm
Tube height	appr. 1.080 mm
Roller base	steel, colourful coated
Base diameter	appr. 635 mm
Castors	twin castors Ø 50 mm, according to DIN EN 60601 electrically conductive and lockable
Total weight (net weight)	appr. 7,8 kg

L111120K



Children IV Pole see page 74



## Wall Mounted Lamp

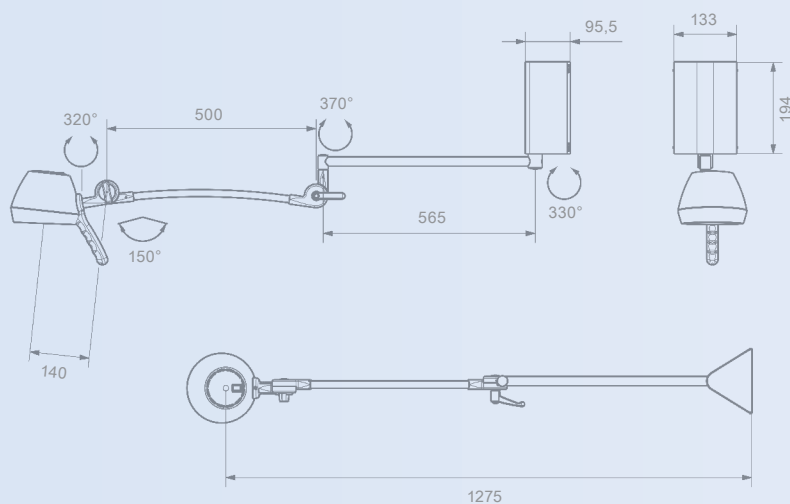


+ space saving design ensures the lamp can be „folded“ against the wall

Pivoting radius of lamp	appr. 1.100 mm
Angle of rotation	appr. 330°
Total weight (net weight)	appr. 3,2 kg
optional	twin version / external cable guidance with plug / colour correction filter (only halogen)

► for light details see page 20 –21

L140080A	LED
L140066A	halogen (switch in handle)



ergonomic handle



cover / ceiling ring  
accessories see page 42



# Ceiling Mounted Lamp

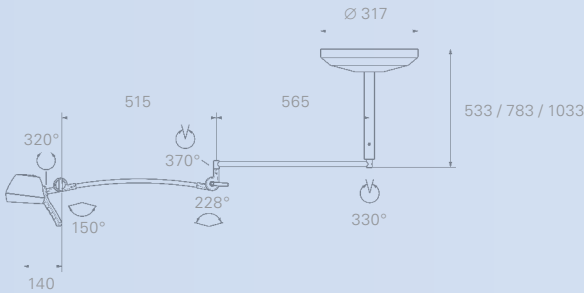
+ space saving alternative compared to the mobile lamp

Pivoting radius of lamp	appr. 1.100 mm
Angle of rotation	appr. 370°
Total weight (net weight)	appr. 6,7 kg <sup>1</sup> / 7,2 kg <sup>2</sup> / 7,7 kg <sup>3</sup>
Length of ceiling stem	500 mm (for room height 2,5 m) 750 mm (for room height 2,7 m) 1.000 mm (for room height 3,0 m)
optional	110 V / cover / twin version / colour correction filter (only halogen)

! Instructions for installation please see p. 192

► for light details see page 20 –21

halogen		
(switch in handle)	LED	
L125067A	L125080A	<sup>1)</sup> for room height 2,5 m
L127067A	L127080A	<sup>2)</sup> for room height 2,7 m
L130067A	L130080A	<sup>3)</sup> for room height 3,0 m



! Cover not included in the delivery



! The type of mounting of the Ceiling Lamps needs to be evaluated on site. For clarification of all technical details, please send us a sectional drawing/sketch of your specific room. Our sales representatives and engineers would be glad to be of support if needed.

## Spring-Balanced Ceiling Lamp with Height-Adjustment

- + flexible alternative to the fixed ceiling mounted lamp

Height adjustment	single-handed safety height adjustment
Material	stainless steel / steel
Total weight (net weight)	appr. 4,9 kg <sup>1</sup> / 5,4 kg <sup>2</sup> / 5,9 kg <sup>3</sup>
optional	110 V / twin version

- ! cover included and premounted

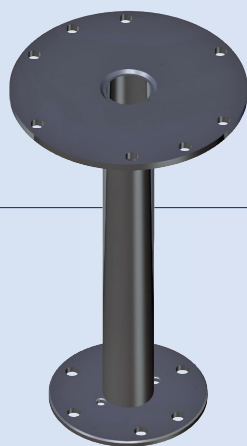
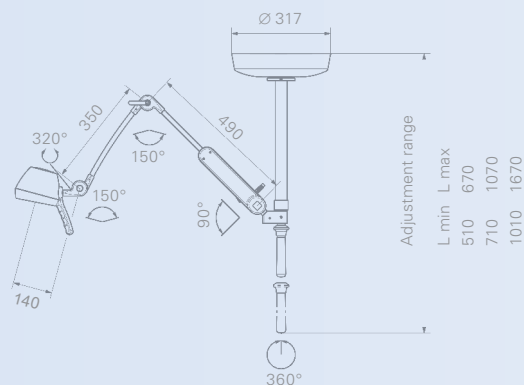
► for light details see page 20 –21

halogen

(switch in

handle) LED

L125079A	L125081A	<sup>1)</sup> for room height 2,5 m
L127079A	L127081A	<sup>2)</sup> for room height 2,7 m
L130079A	L130081A	<sup>3)</sup> for room height 3,0 m



## Spacers

- + for an easy assembling of lamps to a false ceiling

Material	steel galvanized
Raw Ceiling Plate	Ø 300 mm
Intermediate Ceiling Plate	Ø 200 mm
Ceiling Tube	Ø 65 mm

distance between ceilings

Z2S08706	400 mm
Z2S08716	650 mm
Z2S08726	850 mm
Z2S08736	950 mm
Z2S08746	1150 mm

# Series 2

Examination- and Reading Lamp

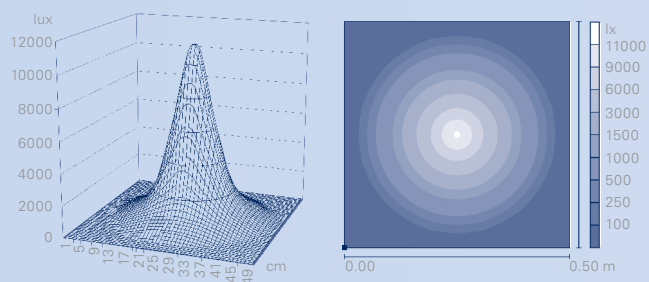


## LED

### + highly efficient LED bulb

Colour of lamp	white
Light source	LED, 8 W
Light colour	appr. 4.300 K
Light output	appr. 19.800 lux / 500 mm
Light field diameter D10	220 / 425 mm at 500 / 1.000 mm
Life expectancy	appr. 67.000 h (light source)
Electrical mains	220 V, 50 – 60 Hz
Switch	in lamp housing

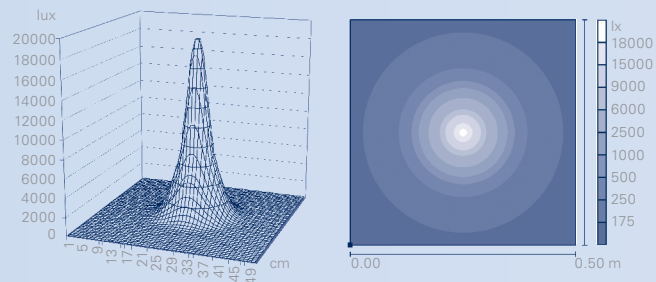
! Production of lamp in accordance to DIN EN 60601, 3rd Edition



## Halogen

### + brilliant, non-reflective illumination of the treatment level

Colour of lamp	white
Light source	halogen bulb with cold light reflector 12 V / 20 W IRC, 10°
Light colour	appr. 3.000 K
Light output	appr. 21.500 lux / 500 mm
Light field diameter D10	140 / 340 mm at 500 / 1.000 mm
Life expectancy	appr. 4.000 h (light source)
Electrical mains	230 V, 50 – 60 Hz
Switch	in lamp housing





## Lamp with Double-Joint Articulated Arm

- + Lamp arm with a high quality powder coating and a superior stability against discolouration

Working radius	appr. 1.100 mm
Total weight (net weight)	appr. 2,45 kg
Joint pin	Ø 18, L 35 mm
optional	dimmer on request / international plug / 110 V

with spring-balance technology	without spring-balance technology
L210211A	L210212A halogen
L210215A	L210216A LED



## Reading Lamp

- + night orientation light to find the switch in the dark

Light source	halogen bulb with cold light reflector, 12 V / 20 W, 36°
Life expectancy	appr. 3.000 h (light source)
Switch	at lamp head or cord switch
Working radius	appr. 800 mm
Total weight (net weight)	appr. 1,6 kg / 6,5 kg <sup>1</sup>
Joint pin	Ø 18, L 35 mm
Tube height	appr. 1.070 mm
Roller base	steel, white coated
Base diameter	appr. 635 mm
Castors	twin castors Ø 50 mm, according to DIN EN 60601 electrically conductive and lockable
optional	dimmer on request / international plug / 110 V

L230112A	without roller base
L240112A	without roller base with cord switch
L230122A	on mobile roller base

<sup>1</sup> Stand with Caster Base



## Lamp with Flexible Gooseneck Arm

- + Lamp head with an integrated aluminium heat sink for optimal heat dissipation

Working radius	appr. 800 mm
Total weight (net weight)	appr. 2,2 kg
Joint pin	Ø 18, L 35 mm
optional	dimmer on request / international plug / 110 V

L220212A	halogen
L220216A	LED



## Mobile Examination Lamp

- + flexible use: at the right time, at the right place

Working radius	appr. 800 mm
Total weight (net weight)	appr. 7,5 kg
Joint pin	Ø 18, L 35 mm
optional	dimmer on request / international plug / 110 V

LED	halogen	
L220226A	L220222A	fixed height with gooseneck arm
L220236A	L220232A	height adjustable with gooseneck arm
L210226A	L210222A	fixed height with double articulated arm
L210236A	L210232A	height adjustable with double articulated arm
L210225A	L210221A	fixed height with double articulated arm
L210235A	L210231A	height adjustable with with double articulated arm

optional: dimmer



optional: handle





# Series 3

Reading Lamp



## LED

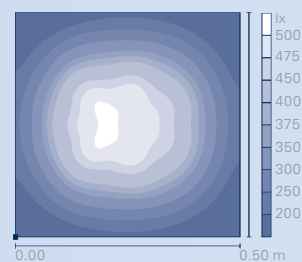
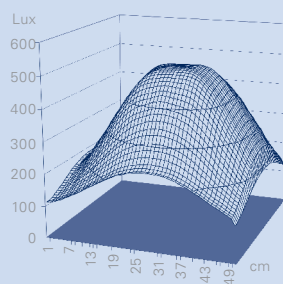
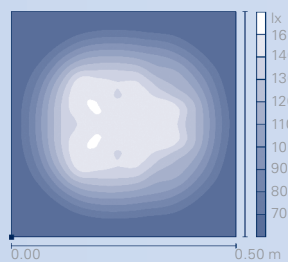
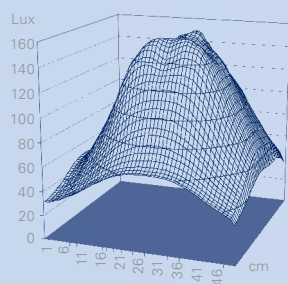
+ extremely long life expectancy with very low power consumption

Light source	LED, 6 W
Light colour	2.700 K
Light output	700 Lux/500 mm
Luminous flux	470 lm
Life expectancy	30.000 h (light source)
Electrical mains	220–240 V, 50-60 Hz
Switch	at lamp head or cord switch
Colour rendering index Ra	80

## Energy-Saving

+ economical reading lamp

Light source	low-energy bulb, 11 W (electronic)
Light colour	6.000 K
Luminous flux	585 lm
Life expectancy	appr. 20.000 h (light source)
Electrical mains	230 V, 50 – 60 Hz
Switch	at lamp head or cord switch
Energy efficiency grade	energy savings of up to 80 % compared to usual bulbs = matchable with a standard 60 W bulb
optional	12 V DC version



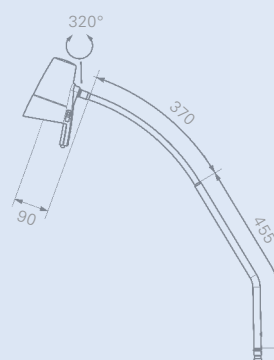


## Lamp with Flexible Gooseneck Arm

+ perfect reading light without illuminating the room

Working radius	600 mm
Operating mode	continuous use
Total weight (net weight)	appr. 1,25 kg
Joint pin	Ø 18, L 35 mm
optional	double-joint articulated arm / international plug

white	silver	
L320112A	L320112S	energy-saving
L320212A	L320212S	energy-saving, with cord switch
L320114A	L320114S	LED
L320214A	L320214S	LED, with cord switch



# Series 4

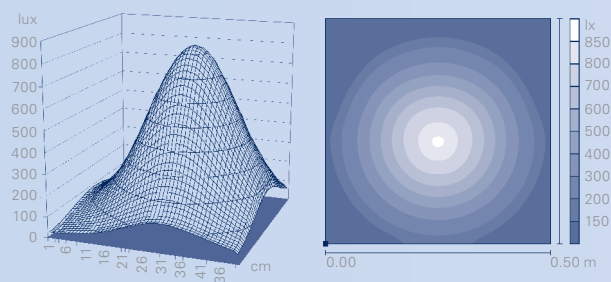
Reading Lamp



## LED

- + TÜV approved, safe and long-lasting high-power ceramics LED with replaceable glass lense

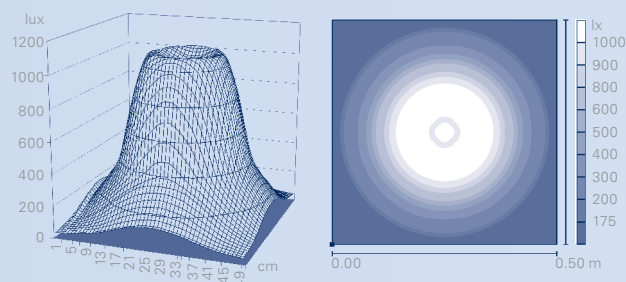
Light source	LED 12 V / 5 W, 36°
Light colour	4.000 K
Light output	1.480 lux / 500 mm
Luminous flux	230 lm
Life expectancy	25.000 h (light source)
Electrical mains	100 –240 V, 50 – 60 Hz
Colour rendering index Ra	80
optional	international plug, with wide range power supply (without orientation light)



## Halogen

- + latest halogen technology with cold light reflector

Light source	halogen bulb with cold light reflector, 12 V / 10 W, 38°
Light colour	3.000 K
Light output	appr. 520 lux / 500 mm
Life expectancy	appr. 2.000 h (light source)
Electrical mains	230 V, 50 – 60 Hz

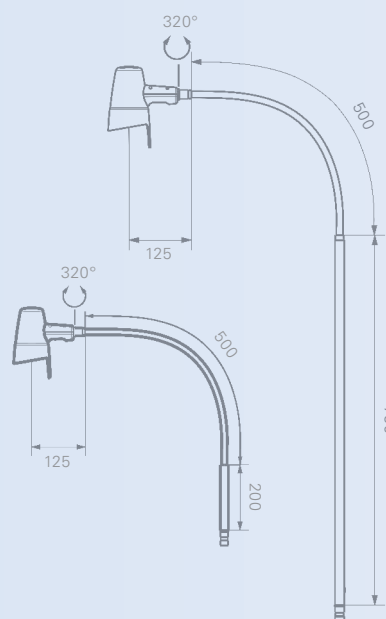




## Lamp with Flexible Gooseneck Arm

**+ robust plastic covered, flexible gooseneck arm**

Colour of lamp	white or silver
Switch	at lamp head
Working radius	appr. 600 mm
Joint pin	Ø 18, L 35 mm
Total length	appr. 830 <sup>1</sup> / 1.380 <sup>2</sup> mm
Orientating light	integrated in switch
Transformer	plug transformer
Operating mode	continuous use
optional	cord switch



white	silver	Weight	
L400069A	L400069S	appr. 1,2 kg	LED short version <sup>1</sup>
L400079A	L400079S	appr. 1,75 kg	LED long version <sup>2</sup>
L400025A	L400025S	appr. 1,2 kg	halogen short version <sup>1</sup>
L400035A	L400035S	appr. 1,75 kg	halogen long version <sup>2</sup>



# Series 5

Big Examination Lamp



## LED

- + excellent light quality - temperature controlled Osram LED ensures high illumination with excellent colour rendition. Consistent light quality throughout the long life cycle
- + the specially designed reflector provides a large homogenous light field with minimal glare and superb shadow reduction.
- + highest energy efficiency points out appr. 70.000 lux
- + compact, maintenance free central light engine
- + flexible and easy positioning by means of a spring balanced cardanic arm system and stable mobile base

! Production of lamp in accordance to DIN EN 60601, 3rd Edition

Colour of lamp	white
Light source	24 V / 27 W
Light colour	appr. 4.500 K
Light output	appr. 70.000 lux / 1.000 mm*
Light field diameter D10	appr. 170 mm at 1.000 mm*
Luminous flux	840 lm
Life expectancy	appr. 30.000 h (light source)
Electrical mains	AC 120 – 240 V, 50 – 60 Hz
Total power output	35 W
Colour rendering index Ra	94
Red-colouring index R9 >	97
Skin rendering index R13 >	98
Luminous efficiency	31 lm / W
Intensity steps	50 % / 70 % / 90 %
Electrical rating after	DIN VDE 0750 T1
Handle	sterilisable
Operating mode / Protection class	continuous use / IP20
Safety class	II <sup>1</sup> / I <sup>2</sup>

<sup>1)</sup> Mobile <sup>2)</sup> Ceiling and Wall \*Version with switch appr. 60.000 lux / 720 lm



## Mobile Examination Lamp

+ flexible use: at the right time, at the right place

Height adjustment appr. 1.000 mm

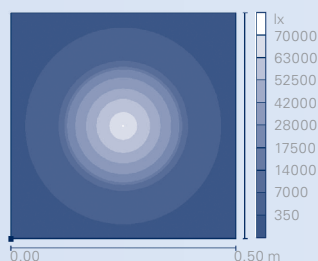
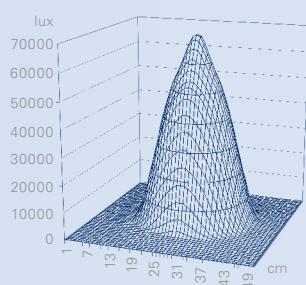
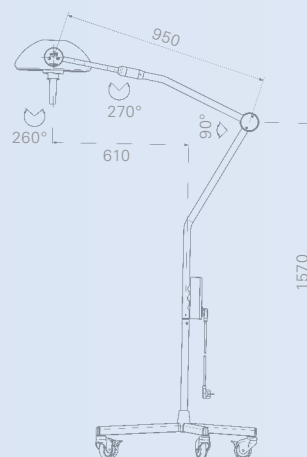
Pivoting radius appr. 950 mm

Total weight (net weight) appr. 18,0 kg

L511120A with dimming key

L511125A with UPS (Uninterruptible  
Power Supply)

L511130A with switch



keypad with dimming key and control lamp

+ the adjustable 4-step-dimmer guarantees an excellent visibility

Eco-Version: with switch

with UPS  
(Uninterruptible Power Supply)



## Wall Mounted Examination Lamp

+ the suspension system allows accurate and easy positioning thanks to a spring balanced, low friction cardanic arm

Height adjustment      appr. 1.000 mm

Pivoting radius      appr. 1.750 mm

Total weight (net weight)      appr. 19,0 kg

L540066A      with dimming key

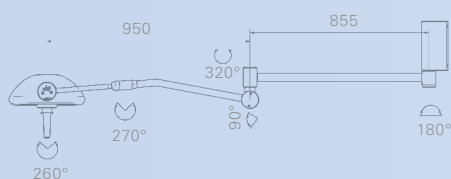
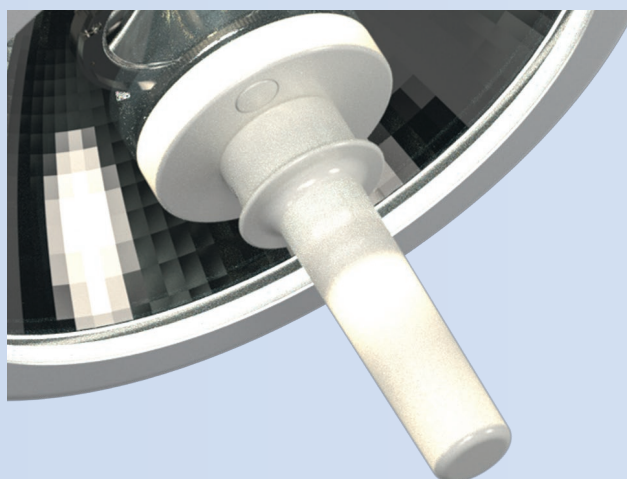
L540076A      with switch

► light details see page 36

! Instructions for installation please see p. 192



+ easy removable, sterilisable handle





# Ceiling Mounted Examination Lamp

- + includes an intelligent management system to monitor LED function and regulates the thermal management system to guarantee maximum life expectancy

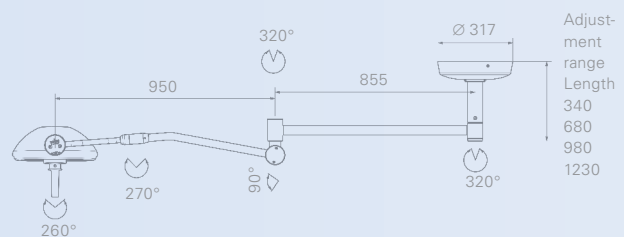
Height adjustment	appr. 1.000 mm
Pivoting radius	appr. 1.750 mm
Total weight (net weight)	appr. 19,0 kg / 21,0 kg / 23,0 kg / 25,0 kg
optional	with ceiling mounting plate / fastening material / cover

with  
dimming key with switch

L525067A	L525077A	for room height 2,5 m
L527067A	L527077A	for room height 2,7 m
L530067A	L530077A	for room height 3,0 m
L533067A	L533077A	for room height 3,3 m



► light details see page 36

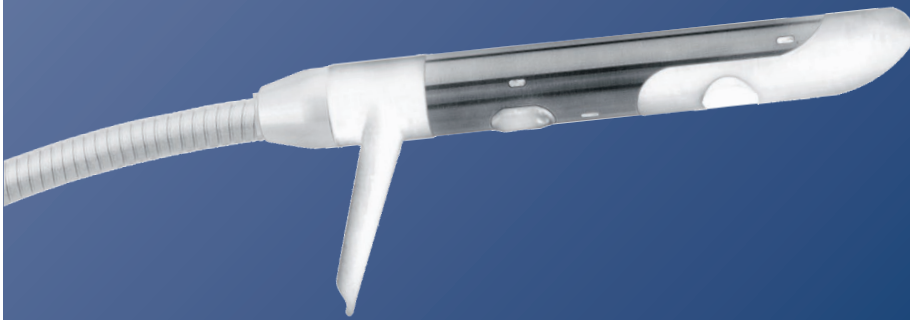


! Cover not included in the delivery



# Series 6

Reading Lamp



reddot award 2014  
honourable mention

## LED

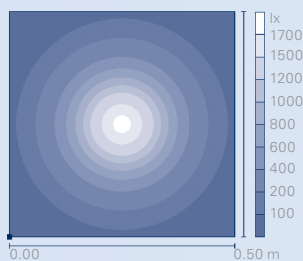
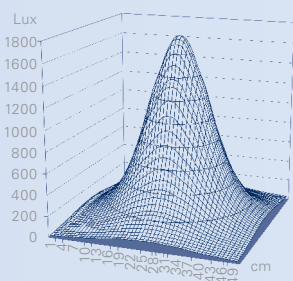
Supply voltage of Lamp	5 V (DC)
Electrical load	2,8 W
Light colour	6.000 K
Light output	1.700 lux / 500 mm
Luminous flux	53 lm / W at 100 mA
Total luminous flux	96 lm
Life expectancy	50.000 h (light source)
Electrical mains	AC 100 – 240 V, 50 – 60 Hz
Angle of reflected light	30°

- + high quality temperature controlled OSRAM LED with professional light distribution optics
- + key pad controlled LED with night orientation light
- + lamp head made from high gloss polished stainless steel guarantees long life expectancy and hygienic cleaning
- + the lamp arm has a transparent cover to guarantee a high abrasion resistance and allows cleaning with professional wash disinfectants

## Gooseneck Tube Lamp

Colour of lamp	white / silver
Spigot diameter	18 mm
Angle of lamp head rotation	315°
optional	international plug / link-up to bed controls / operated through bed controls by the patient

white	silver	Weight	
L620025A	L620025S	appr. 1,0 kg	gooseneck angular ► A
L600025A	L600025S	appr. 0,7 kg	gooseneck arm, short version ► B
L600035A	L600035S	appr. 0,9 kg	gooseneck arm, long version ► C
L610025A	L610025S	appr. 1,0 kg	gooseneck arm, short version with cord switch
L610035A	L610035S	appr. 1,2 kg	gooseneck arm, long version with cord switch



! The lamp can be operated with every commercial battery, if the battery meets the following requirements:

- USB-connection
- 5V co-current flow
- min. 550 mA
- CE

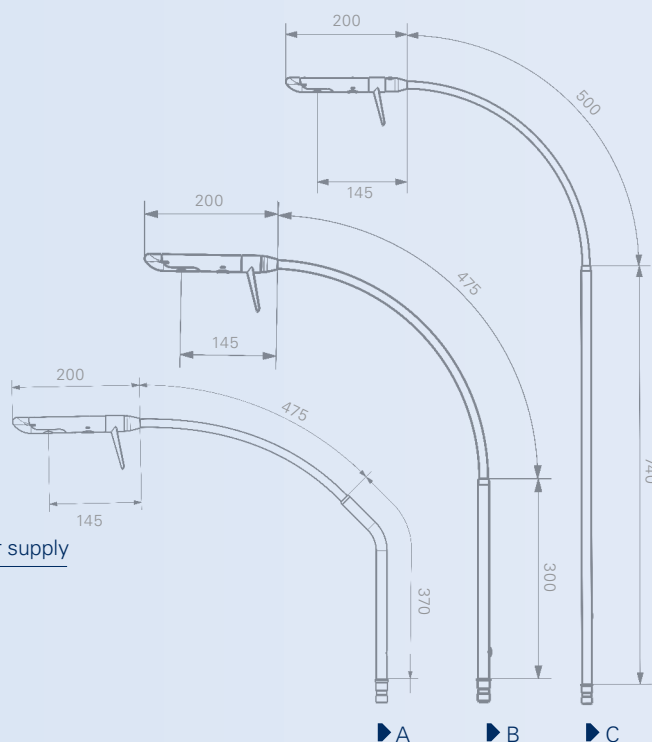
with USB plug



### Primary adapters for plug-in power supply

272786	Europe
274234	Australia
274243	UK
274252	USA / Japan
274261	China

Standard: Europe adapter (272786)  
In case another adapter is requested, please inform us about country and type of connector.



# Accessories

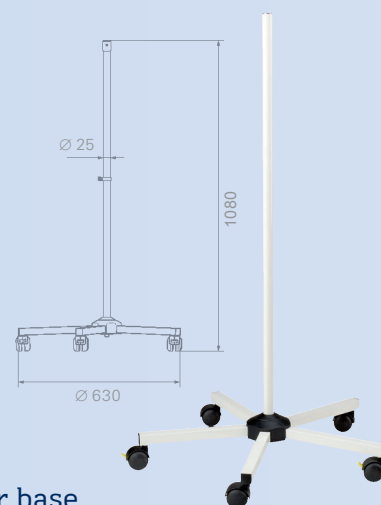
! Attention! When separately ordering of adjustable roller base and lamp, a special adapter is requested. We would be pleased to include that on request.



**Height Adjustable  
Stand with base**

Colour	white and chromed steel
Tube diameter	25 / 18 mm
Height adjustment	single-handed safety height adjustment
Regulating range	1.080 mm – 1.745 mm
Base diameter	appr. 635 mm
Castors	twin castors Ø 50 mm, according to DIN EN 60601 electrically conductive and lockable
Weight	appr. 7,7 kg

S011820A



**Stand with castor base**

Colour	white
Tube diameter	25 mm
Location hole	Ø 18 mm
Cable hooks	1 piece
Base diameter	appr. 635 mm
Castors	twin castors Ø 50 mm, according to DIN EN 60601 electrically conductive and lockable
Weight	appr. 5,4 kg

S000803A



### Tube Mounting Bracket

- + for mounting of lights to tube diameters from Ø 25 – 50 mm

Material aluminium, coated

Fixture Ø 18 mm

Weight appr. 0,13 kg

Z2N0502A white

Z2N0502S silver



### Rail Clamp

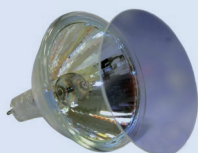
- + for mounting of lamps to medical rails 25 × 10 to 30 × 10 mm

Material aluminium, ball polished

Fixture Ø 18 mm

Weight appr. 0,2 kg

Z2N0643W with headless screw



### Colour Correction Filter for Examination Lamps

- + thanks to a higher colour temperature, contrasts can be better perceived and prevent signs of tiredness

Weight appr. 0,01 kg

K2N5224-

### Table clamp with quick-hand-fastener

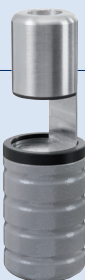
- + enables an easy and fast assembly of lamps to tables

Material aluminium

Fixture Ø 18 mm

Regulation range 15–32 mm

Z2N0646S



### Oval shaped Wall Mounting Bracket



- + low noise distortion by an integrated plastic bushing, with 2 mounting holes

Material aluminium, white coated

Fixture Ø 18 mm

Size 55 × 156 mm

Distance wall –

fixation drilled hole 120 mm

Z2N0619A with headless screw

- ! Instructions for installation please see p. 192



### Wall Mounting Bracket

- + for direct wall mounting, with 4 mounting holes

Material aluminium, white coated

Fixture Ø 18 mm

Size appr. 80 × 60 × 70 mm

Distance wall –

fixation drilled hole 38 mm

Z2N0617A with headless screw

- ! Instructions for installation please see p. 192



### Cover

- + well-designed cover for the lamp mounting plate and any possible ceiling gaps

Colour white

Diameter 320 mm

Height 70 mm

Weight appr. 0,5 kg

Z2K0679A for ceiling lamp – Series 1

Z2K0689A for ceiling lamp – Series 5









# IV Poles and Furniture

# IV Poles and Furniture





- + mobile
- + steady
- + dockable





## IV Poles and Furniture

IV poles and stands from provita can be used almost anywhere: in medical practices, hospitals, healthcare institutions and also at home or on the go. This is guaranteed by our extensive range, which offers the perfect product to meet every requirement.

This is also made possible by our modular design concept: Using our modular system you can put together your perfect IV stands. Choose from the various materials, specify the type of base and the length and height adjustment of the poles. Decide on the suitable load capacity and add to your individual model from the extensive range of accessories.

In addition to the specially equipped IV poles for intensive care, surgical areas, for the urology or magnetic resonance therapy wards, colourful models are also available for children's wards. In addition, a wide range is also available for home or outpatient care. Foldable models for mobile care or when travelling, and a model that glows in the dark, top off the extensive range.

Even with the great variation found among our models, all our IV poles have several things in common. They are subjected to intense safety and hygiene measures. They are robust, stable and steady, easy to clean and simple to operate.

One highlight of the range is the mobile hygiene centre, an easily transportable unit that brings hygiene to the location where it is needed. The matching accessories, such as disinfectant dispensers, sterile goods baskets, glove box holders, drainage brackets and storage shelves can be attached simply and quickly at the desired position and height.

The »provi-Dock« is a functionally equipped docking cart for intensive care beds. Devices for patient-care can easily be adapted and clearly arranged to this docking system. With this system, the patient can be transferred quickly and smoothly within the hospital without interruption of the therapy.

# Many product advantages to your benefit



## Normal-/Intensive Care

- + effective infusion care through a safety hanging of IV-bottles and bags
- + flexible use: at the right time, at the right place

### ECO-MOVE/ECO-SPACE

- + space-saving storage thanks to an intelligent base construction

### LOW-GRAVITY

- + enhanced stability to mount safely medical devices

### PREMIUM CARE

- + very high load capacity due to the processing of high-quality material
- + 1.200 mm outer pole height enables pumps to be fitted at a more comfortable height

## OR

- + completely stainless - enhanced hygiene and disinfection conditions through smooth, electropolished surfaces

## MRI

- + MRI-compatibility due to the processing of non-magnetic material

## Urology

- + maximum extension length of 2.800 mm enables a high pressure buildup of the irrigation liquids

### LIFTER

- + back-friendly handling and height adjustment thanks to an electrical drive and a comfortable foot switch
- + no sinking during power cut
- + mobile use through a long battery life



## Paediatric

- + child-friendly design stimulates the recovery process and provides a friendly atmosphere

## Homecare

- + simple construction and comfortable handling use for the home care

### FOLDABLE IV-POLE

- + quickly applicable and space-saving storable thanks to its practical travel bag
- + especially suitable for the emergency and nursing service as well as for the patient infusion care during travelling

## IV-Poles

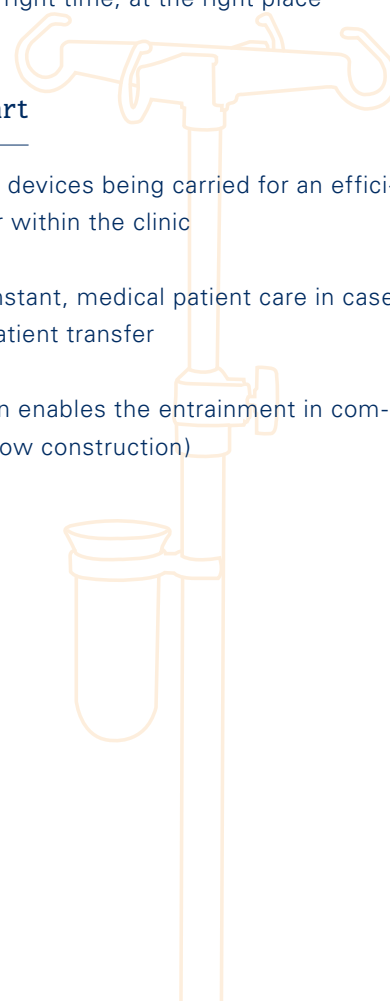
- + safe use above and below light strips and care channels
- + freely positioning – inclinable in all directions
- + space-saving infusion care (wall IV-Poles)

## Hygiene Centre

- + enables a professional compliance with the strict hygiene requirements
- + flexible use: at the right time, at the right place

## Mobile Transfer Cart

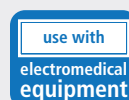
- + safety mounting of devices being carried for an efficient patient transfer within the clinic
- + guarantees the constant, medical patient care in case of emergency or patient transfer
- + the compact design enables the entrainment in common elevators (of low construction)



## For your understanding

DIN EN 60601  
3rd Edition

The IV-Pole has been tested according to DIN EN 60601, 3rd Edition.



The IV-Pole is suitable for the use of electromedical devices.

DIN EN 60601  
3rd Edition Clause  
9.4.2.1 | 9.4.2.2

The IV-Pole has been tested according to DIN EN 60601, 3rd Edition, Clause 9.4.2.1 | 9.4.2.2.

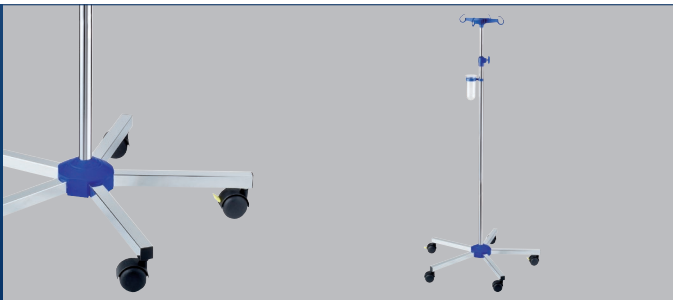


The IV-Pole is suitable for the use of gravity infusion.

## Normal Care

Drip stands for the day-to-day patient care

P. 54



## Intensive Care

Premium IV-Poles for use in ICU

P. 60



## OR

IV-Poles with welded bases specifically for use in OR

P. 66



## MRI

MRI-approved IV-Stands for use in Magnetic Resonance Surroundings

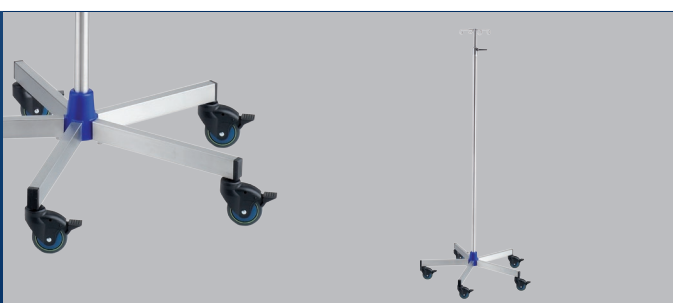
P. 70



## Urology

Specific IV-Poles for the Urology Department

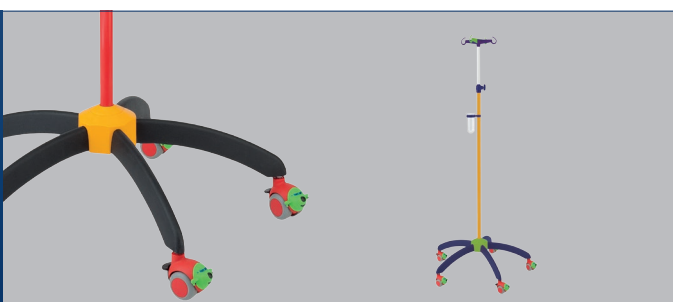
P. 72



## Paediatric

Child-friendly IV-Poles

P. 74





## Homecare

P.76

Portable IV-Stands for privat use or Homecare



P. 80

## Accessories

For all IV-Pole series



P. 86

## IV-Poles

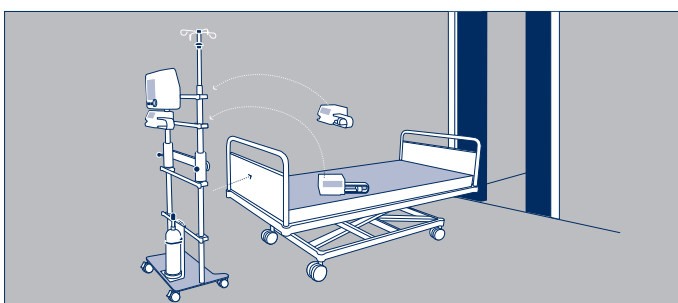
IV-Poles linked to beds, OR-tables and wheelchairs



P. 88

## Hygiene Centre

Providing hygiene mobile and on site



P. 92

## Mobile Transfer Cart

Intra-clinical transport – professionally solved



P. 98

## Care Furniture

Multipurpose furniture for doctor's practice and clinics

OEM solutions: solutions for the medical industry from page 102 pp.

# Normal Care

IV Stand / Drip Stand



examples for the  
2 optional height  
adjustments

## I-N41221

(our recommendation for use on general wards)

+ patented sealing cap prevents contamination

Material	chromed steel
Colour of plastic parts	blue
Bottle holder	plastic 4 safety bottle hooks – 2,0 kg / hook
Height adjustment	screw height adjustment
Regulating range	appr. 1.350 mm – 2.150 mm
Tube diameter	25 / 18 mm
Length of outer tube	1.000 mm
Base diameter	635 mm
Base leg profile	25 x 25 mm
Castors	twin castors Ø 50 mm, according to DIN EN 60601 electrically conductive and lockable
Total / base weight	appr. 6,1 kg / 4,5 kg



construction time 2–3 min.



recommended accessories for Normal Care



Identification Case

for round tube Ø 25 mm  
Material polycarbonate  
H2K0625-

Basket with Clamp

for subsequent installation on round tube Ø 25 mm,  
with 2 security screws  
Material aluminium / coated  
Size 250 x 90 x 200 mm (W x D x H)  
Colour light grey  
Z2S0663N

for further accessories see  
page 80 pp.

create your individual IV-Pole under [www.provita.de](http://www.provita.de)

Material / Colour	Castors	Base weight	Height adjustment	Bottle holder
I – N				
<div>14</div> <div>stainless steel / blue</div> <div>chromed steel / blue</div>	<div>12</div> <div>twin castors Ø50 mm</div> <div>mono castors 80 mm</div>	<div>12</div> <div>non weighted (2,2 kg)*</div> <div>weighted (4,5 kg)</div>	<div>12</div> <div>single-handed safety</div> <div>screw</div>	<div>123</div> <div>plastic 2,0 kg / hook</div> <div>stainless steel to screw in – 2,0 kg / hook</div> <div>stainless steel to plug in – 2,0 kg / hook</div>
Example I – N	41221			

\*Series I-N, without weighted base is only suitable for the use of gravity infusion



# ECO-MOVE

I-S14212

+ comfortable movement and stumble-free maneuverability



Material	stainless steel / aluminium
Colour of plastic parts	blue
Bottle holder	stainless steel 4 safety bottle hooks - 2,0 kg / hook
Height adjustment	single-handed safety height adjustment
Base size	appr. 630 x 620 mm
Castors	twin castors Ø 75 mm, according to DIN EN 60601 electrically conductive and lockable
Extra weight	integrated in base
Total / base weight	appr. 6,8 kg / 4,7 kg
Pushing handle	Z-ECO001 (optional accessory, not included in IV-stand)



! Please take note that not all accessories are suitable to be retro fitted. We would be happy to give advice.







## ECO-SPACE

+ saving of up to 60% space due to stackable base design

Material	chromed steel / stainless steel
Colour of plastic parts	blue
Bottle holder	stainless steel 4 safety bottle hooks – 2,0 kg / hook
Height adjustment	screw height adjustment or single- handed height adjustment
Regulating range	appr. 1.350 mm – 2.150 mm
Tube diameter	Ø 25 / 18 mm
Length of outer tube	1.000 mm
Base diameter	590 mm
Castors	mono castors Ø 80 mm, according to DIN EN 60601 electrically conductive and lockable
Total / base weight	3,5 kg / 2,25 kg with drip vessel and holder
I-S12112	stainless steel, single-handed safety height adjustment
I-S42122	chromed steel, screw height adjustment



space-saving

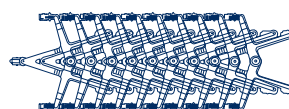


1,30 m<sup>2</sup>



630 x 621 mm

ECO-MOVE › space-saving storage 47,5 %



0,96 m<sup>2</sup>



Ø 580 mm



2,48 m<sup>2</sup>



Ø 635 mm

## LOW-GRAVITY

I-L11112

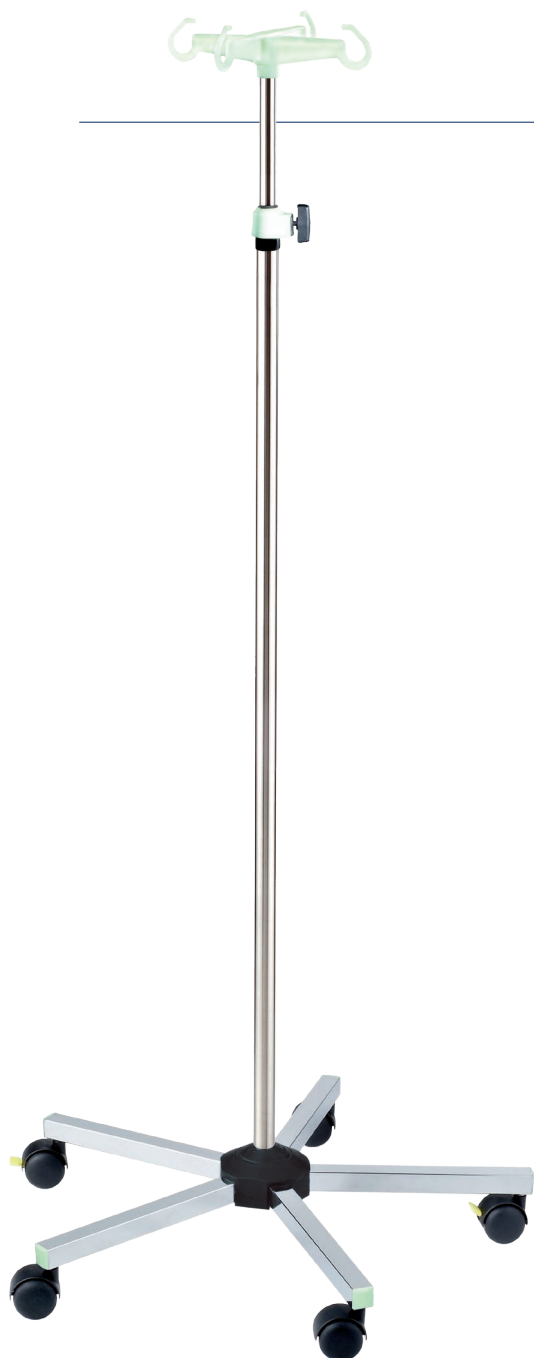
+ IV-Pole with very low center of gravity  
for a safe transport

Material	chromed steel
Colour of plastic parts	light grey / black
Bottle holder	plastic 4 safety bottle hooks – 2,0 kg / hook
Height adjustment	single-handed safety height adjustment
Regulating range	appr. 1.440 mm – 2.140 mm
Tube diameter	25 / 18 mm
Length of outer tube	1.200 mm
Base diameter	600 mm
Base centre piece	aluminium, massive
Base leg profile	flat-bar steel
Castors	twin castors Ø 75 mm, according to DIN EN 60601 electrically conductive and lockable
Total / base weight	7,6 kg / 6,0 kg



tilt resistant base construction





## Night Line

I-NL1121

+ an assistance for the nursing staff during the night care

Material	chromed steel
Colour of plastic parts	black and fluorescent
Bottle holder	plastic 4 safety bottle hooks – 2,0 kg / hook
Height adjustment	screw height adjustment
Regulating range	appr. 1.350 mm – 2.150 mm
Tube diameter	25 / 18 mm
Length of outer tube	1.000 mm
Base diameter	635 mm
Base leg profile	25 × 25 mm
Castors	twin castors Ø 50 mm, according to DIN EN 60601 electrically conductive and lockable
Total / base weight	3,9 kg / 1,9 kg



construction time 2–3 min.



glows in the dark



# Intensive Care

IV Stand / Drip Stand



## I-I12212

(our recommendation for use in ICU)

+ 1.200 mm outer pole height enables pumps to be fitted at a more comfortable height



Material	stainless steel
Colour of plastic parts	blue
Bottle holder	stainless steel 4 safety bottle hooks – 2,0 kg / hook
Height adjustment	single-handed safety height adjustment
Regulating range	appr. 1.500 mm – 2.350 mm
Tube diameter	25 / 18 mm
Length of outer tube	1.200 mm
Base diameter	680 mm
Base leg profile	45 x 25 mm
Castors	mono castors Ø 80 mm, according to DIN EN 60601 electrically conductive and lockable
Total / base weight	appr. 8,6 kg / 6,5 kg with drip vessel and holder





## recommended accessories for ICU

### Pump Holder for 2 Devices

for round tube Ø 25 mm, height adjustable, to adapt infusion pumps and other devices

Material stainless steel

Z2N06312

### Pushing Handle

for round tube Ø 25 mm, height adjustable

Material stainless steel

Z2N06982

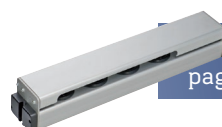
### Shelf Rectangular Shape

for round tube Ø 25 mm, height adjustable, with circumferential safety edge

Material stainless steel

Size 315 x 275 mm

Z2N63422



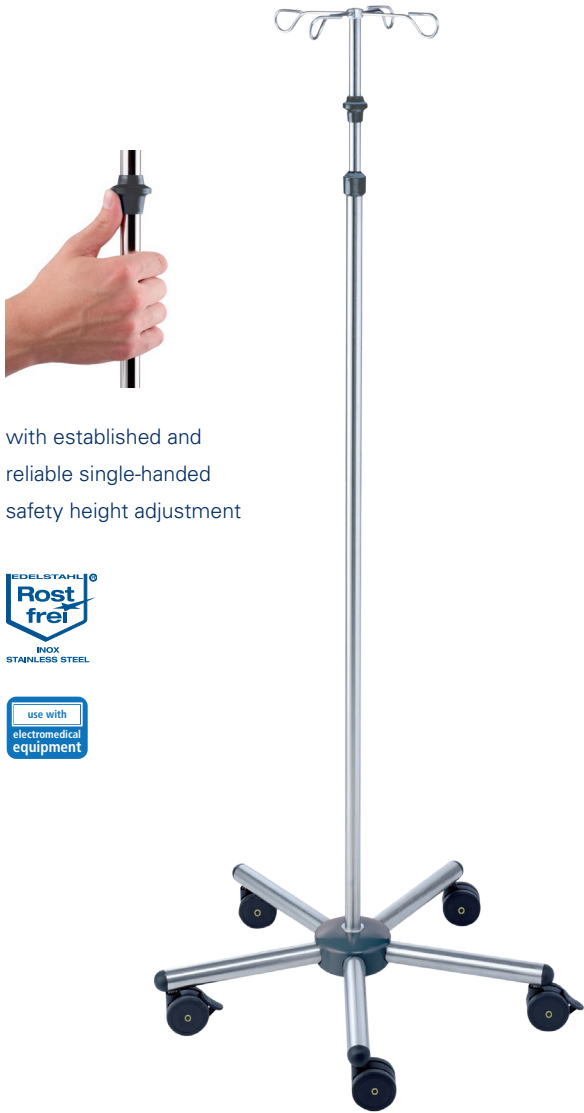
for further accessories see page 80 pp.

### Medical Approved Plugboard vari med with safety cover

for details see page 83

create your individual IV-Pole under [www.provita.de](http://www.provita.de)

Material / Colour	Castors	Base weight	Height adjustment	Bottle holder
I - I				
1				
1	2	1	1	1
stainless steel / blue	mono castors 80 mm	non weighted (2,6 kg)	single-handed safety (max. extension 2.350 mm)	plastic 2 kg / hook
	apparatus castors 75 mm	weighted (6,5 kg)	screw (max. extension 2.450 mm)	stainless steel to screw in 2,0 kg / hook
				stainless steel to plug in 2,0 kg / hook
				stainless steel to screw in 5,0 kg / hook
				Bottle bar 4 safety bottle hooks
				Bottle bar 6 safety bottle hooks
Example: I - I	1	2	1	2



with established and reliable single-handed safety height adjustment



! we would like to make clear to you that the tilt-safety of the drip stands cannot be guaranteed with an outer tube length of 1.200 mm without the extra weighted base construction.

IMPORTANT: please pay attention to the advice regarding the mounting of our accessories – on page 84

## Premium Care

- + very high load capacity
- + easy to clean and disinfect

Material	stainless steel / aluminium
Colour of plastic parts	grey
Bottle holder	stainless steel 4 safety bottle hooks – 2,0 kg / hook
Height adjustment	single-handed safety height adjustment
Regulating range	appr. 1.500 mm – 2.300 mm
Tube diameter	25 / 18 mm
Length of outer tube	1.200 mm
Base diameter	630 mm
Castors	twin castors Ø 75 mm, according to DIN EN 60601 electrically conductive and lockable

### I-PRE001

Base leg profile	Ø 33,7 mm
Total load capacity	18,0 kg (2,0 kg per hook / 10,0 kg outer tube)
Total / base weight	appr. 11,0 kg / 8,9 kg, with weighted base

### I-PRE002

Base leg profile	Ø 25 mm
Total load capacity	13,0 kg (2,0 kg per hook / 5,0 kg outer tube)
Total / base weight	appr. 7,0 kg / 4,9 kg, with weighted base

### I-PRE004

Base leg profile	Ø 33,7 mm
Total load capacity	13,0 kg (2,0 kg per hook / 5,0 kg outer tube)
Total / base weight	appr. 7,0 kg / 4,7 kg, non weighted base





soft drop prevents sudden movement upon release

## I-PRE003

Material	stainless steel / aluminium
Bottle holder	stainless steel 4 safety bottle hooks – 5,0 kg / hook
Height adjustment	stainless steel screw height adjustment with soft-drop system
Regulating range	appr. 1.430 mm – 2.260 mm
Tube diameter	33,7 / 25 mm
Wall thickness inner tube	1,5 mm
Wall thickness outer tube	1,6 mm
Length of outer tube	1.200 mm
Base diameter	630 mm
Base leg profile	Ø 33,7 mm
Total load capacity	32,0 kg (5,0 kg per hook / 12,0 kg outer tube)
Total / base weight	appr. 12,0 kg / 8,9 kg, with weighted base



## recommended accessories for Premium Care

for retro fitting to round tube Ø 25 – 33,7 mm (colour: grey)

### Pushing Handle with quick-hand-fastener

Material stainless steel / aluminium

Z-PRE006

### Shelf with quick-hand-fastener

Material stainless steel / aluminium

Z-PRE003

### Stainless Steel Basket with quick-hand-fastener

Material stainless steel / aluminium

Z-PRE005

### Drainage Holder 2 Hooks with quick-hand-fastener

Material stainless steel / aluminium

Z-PRE001

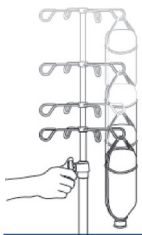
for further premium accessories see  
page 80 pp.



! Please take note that not all accessories are suitable to be retro fitted. We would be happy to give advice.

Heavy Duty Drip Stands and Device Trolleys

Model Duesseldorf University
I-D02124



high safety due to integrated soft-drop-system

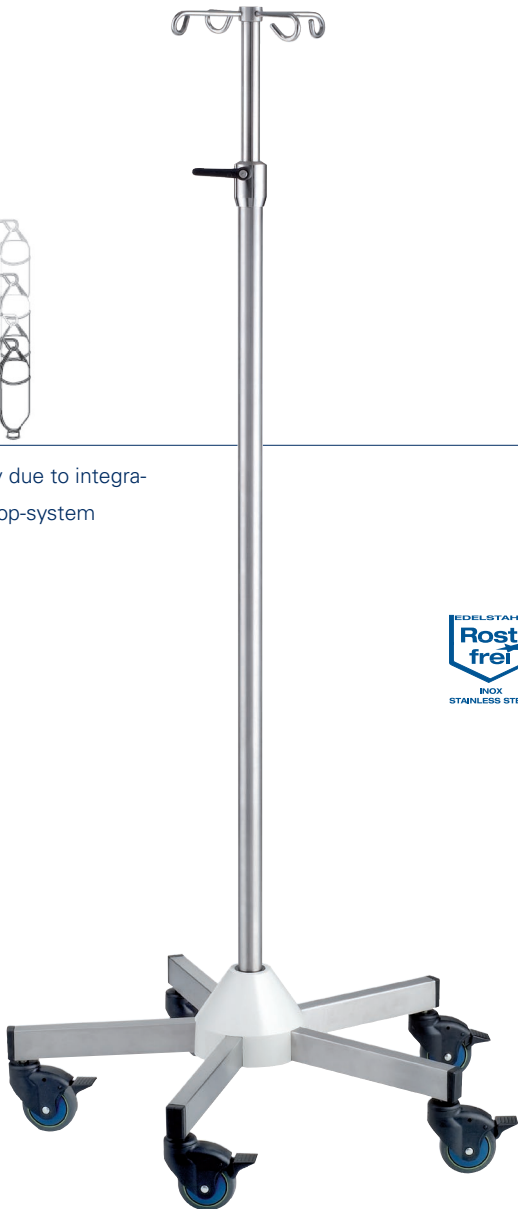


Table with 2 columns: Feature and Specification. Features include Material, Bottle holder, Height adjustment, Regulating range, Tube diameter, Wall thickness inner tube, Wall thickness outer tube, Length of outer tube, Base diameter, Base leg profile, Castors, and Total / base weight.



create your individual IV-Pole under www.provita.de

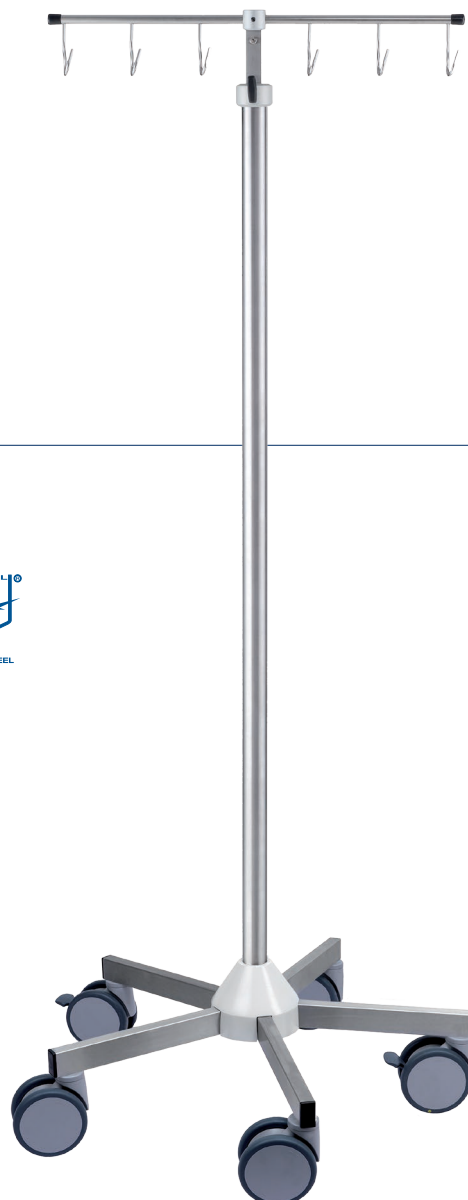
Configuration diagram showing options for Material, Castors, Base weight, Height adjustment, and Bottle holder, with an example configuration I-D 0 2 1 2 4.

# ISP Units

## I-P02226 (Basic Version)

+ high security through a turn safety pole construction

Material	stainless steel / aluminium
Bottle bar	stainless steel 6 safety bottle hooks – 2,0 kg / hook
Height adjustment	screw height adjustment (non rotating)
Regulating range	appr. 1.690 mm – 2.200 mm
Tube diameter	Ø 38 mm / Ø 25 mm
Length of outer tube	1.420 mm
Base diameter	860 mm
Base leg profile	45 x 25 mm
Castors	twin castors Ø 125 mm, according to DIN EN 60601 electrically conductive and lockable
Total weight (net weight)	appr. 25,0 kg
Load capacity	max. 50,0 kg



! These units will come with longer base legs



I-PA2226 recommendation 1  
with 5 medical rails



I-PB2226 recommendation 2  
with system for pump  
attachment

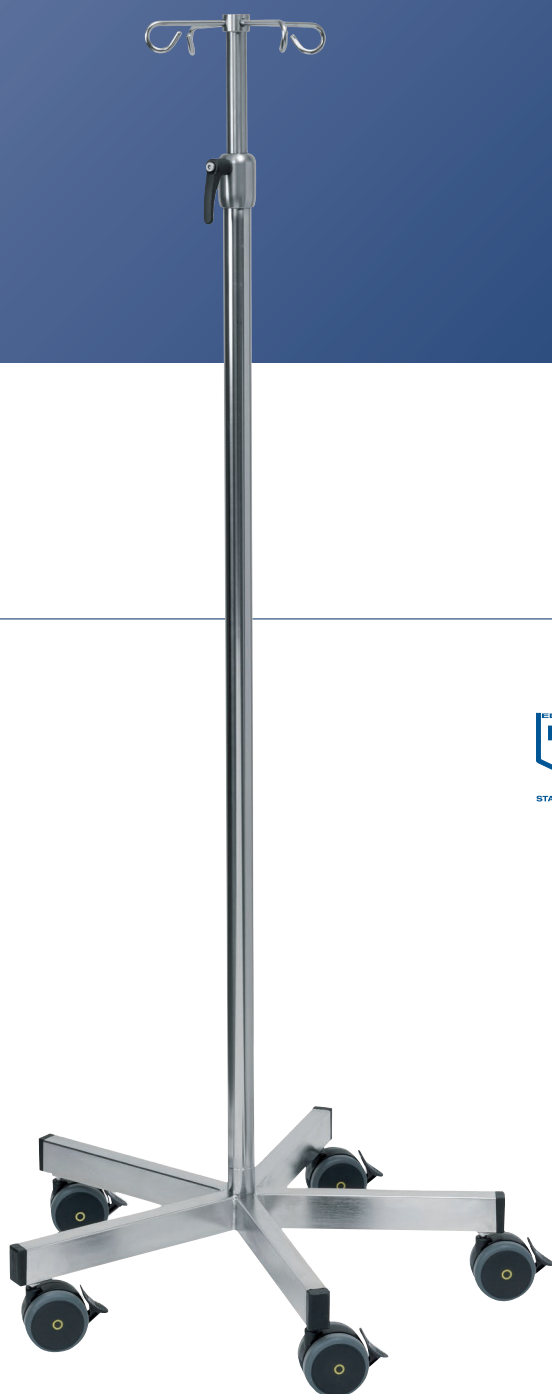
optional

Load capacity	max. 25,0 kg
Castors	mono castors Ø 80 mm, according to DIN EN 60601 electrically conductive and lockable

I-P02227	Basic Version
I-PA2227	with 5 medical rails
I-PB2227	with system for pump attach- ment

# OR

IV Stand / Drip Stand



## I-023232

+ complete unit made of rust-free materials



Material	stainless steel
Bottle holder	stainless steel 4 safety bottle hooks – 2,0 kg / hook
Height adjustment	stainless steel screw height adjustment with soft drop system
Regulating range	appr. 1.500 mm – 2.250 mm
Tube diameter	33,7 / 25 mm
Length of outer tube	1.200 mm
Base diameter	635 mm
Base leg profile	45 x 25 mm
Castors	twin castors Ø 75 mm, according to DIN EN 60601 electrically conductive and lockable
Total / base weight	appr. 14,3 kg / 11,0 kg



# I-012112

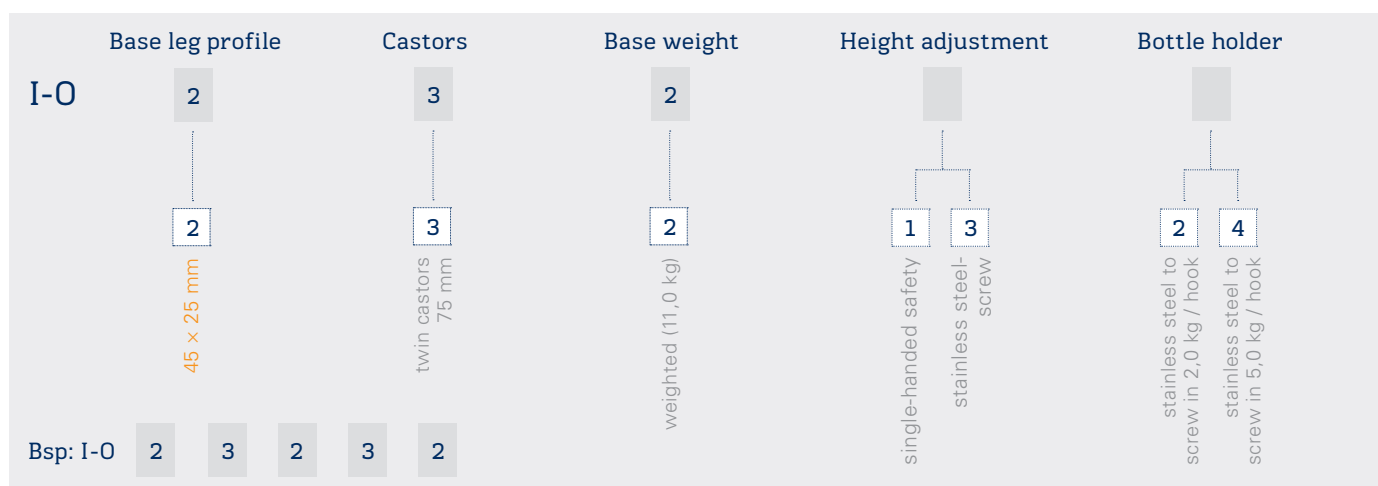
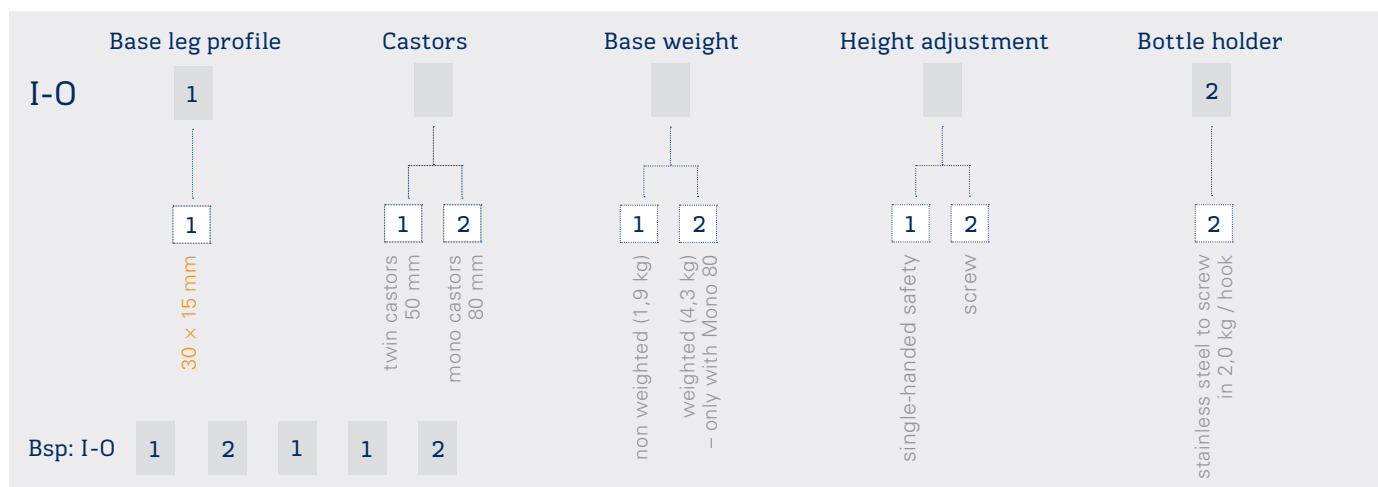
(our recommendation for use in OR)

+ seamless welded caster-base – hygiene friendly through easy cleaning

Material	stainless steel
Colour of plastic parts	blue
Bottle holder	stainless steel 4 safety bottle hooks – 2,0 kg / hook
Height adjustment	single-handed safety height adjustment
Regulating range	appr. 1.350 mm – 2.150 mm
Tube diameter	25 / 18 mm
Length of outer tube	1.000 mm
Base diameter	635 mm
Base leg profile	30 × 15 mm
Castors	mono castors Ø 80 mm, according to DIN EN 60601 electrically conductive and lockable
Total / base weight	appr. 3,6 kg / 1,9 kg with drip vessel and holder



create your individual IV-Pole under [www.provita.de](http://www.provita.de)







## Video cart „provi-View“

I-VIEW01

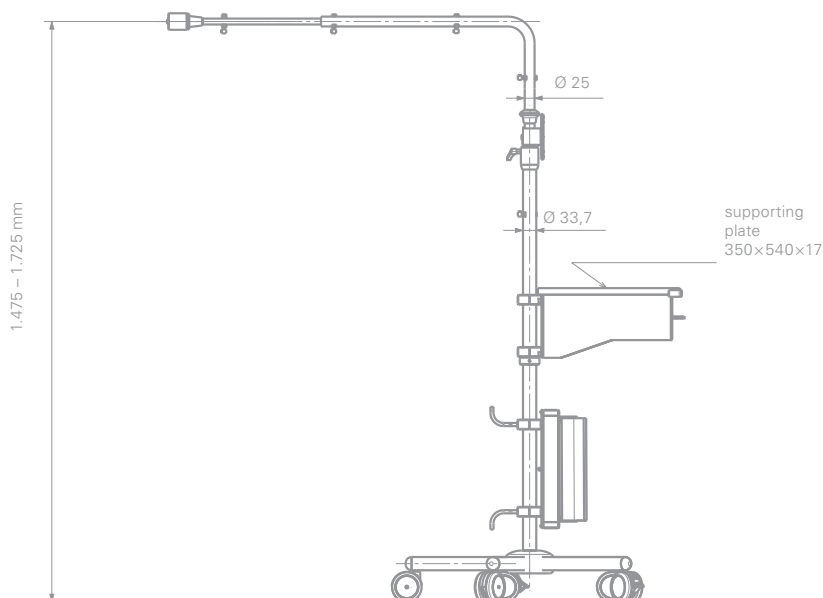
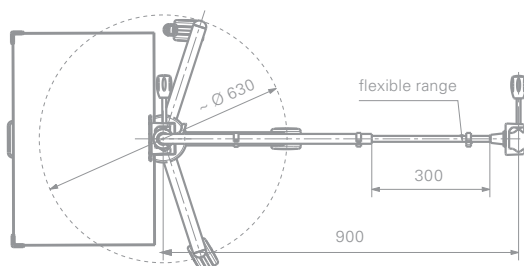
- + undisturbed operation and illuminated area
- + uncomplicated live transmission of surgeries – for teaching purposes and operating education
- + enables, if necessary, co-operative surgeries with long-distance specialists



Material IV-Pole	stainless steel
Height adjustment	single-handed safety height adjustment
Regulating range	appr. 1.475 – 1.725 mm
Flexible arm for camera	with universal holder
Monitor holder	with VESA mounting plate
Supporting plate	350 × 540 with drawer
Plugboard	4-plug, medical with cover and central switch
Cable reels	on the backside of the plugboard
Monitor and camera	optional available
Base middle part	aluminium, nickle-plated
Base leg profile	Ø 33,7 mm
Base diameter	appr. 630 mm
Castors	twin castors Ø 75 mm, according to DIN EN 60601 electrically conductive and lockable



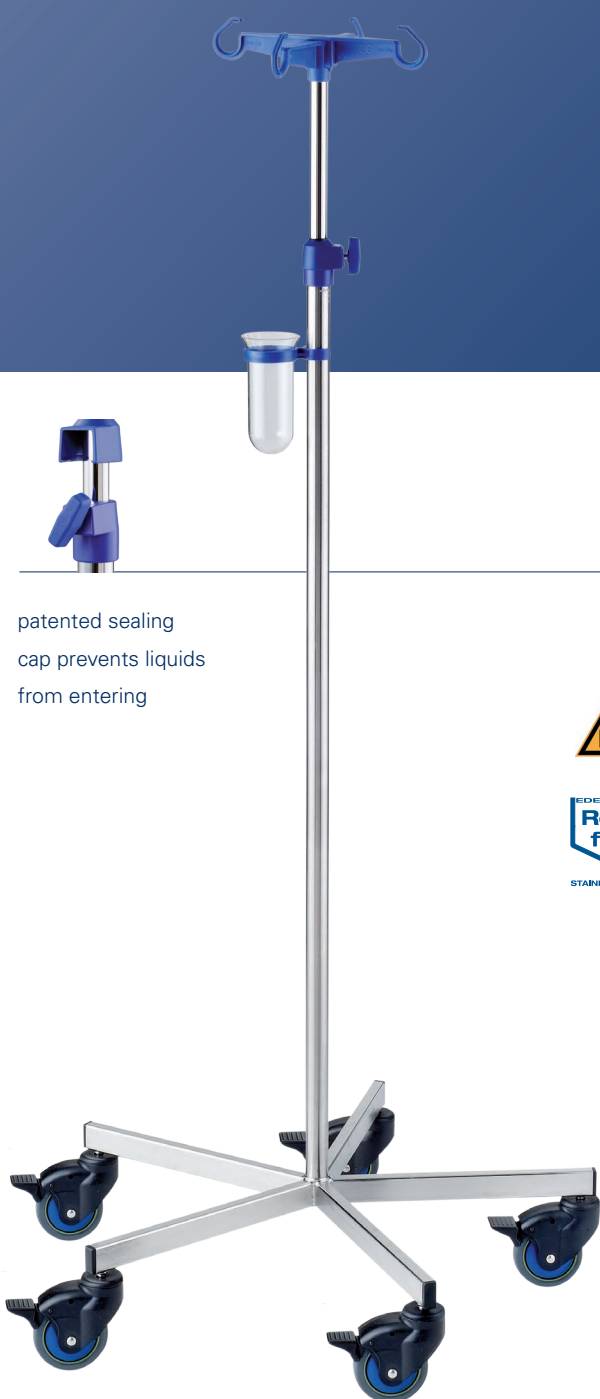
for OR video transmission





# MRI

IV Stand / Drip Stand



patented sealing  
cap prevents liquids  
from entering



## I-M12121

(our recommendation for MRI use)

- + with magnetic-resonance test certificate  
(for MRI's of up to 1.5 Tesla)
- ! minimum distance of 30 cm to the MRI unit  
(MRI conditional)

Material	stainless steel
Colour of plastic parts	blue
Bottle holder	plastic 4 safety bottle hooks – 2,0 kg / hook
Height adjustment	screw height adjustment
Regulating range	appr. 1.350 mm – 2.150 mm
Tube diameter	25 / 18 mm
Length of outer tube	1.000 mm
Base diameter	635 mm
Base leg profile	30 x 15 mm
Castors	mono castors Ø 80 mm, according to DIN EN 60601 electrically conductive and lockable
Total / base weight	appr. 3,6 kg / 1,9 kg with drip vessel and holder
MRI suitability	1,5 Tesla





# IV Stand / Drip Stand

I-M91121



+ with magnetic-resonance test certificate  
(for MRI's of up to 3 Tesla)



! minimum distance of 30 cm to the MRI unit  
(MRI conditional)

Material	aluminium
Colour of plastic parts	dark grey
Bottle holder	plastic 4 safety bottle hooks – 2,0 kg / hook
Height adjustment	screw height adjustment
Base diameter	635 mm
Castors	twin castors Ø 50 mm, according to DIN EN 60601 electrically conductive and lockable, with non- magnetic brass castor adapters
Total / base weight	appr. 2,0 kg / 1,4 kg
MRI suitability	3,0 Tesla



construction time 2–3 min.

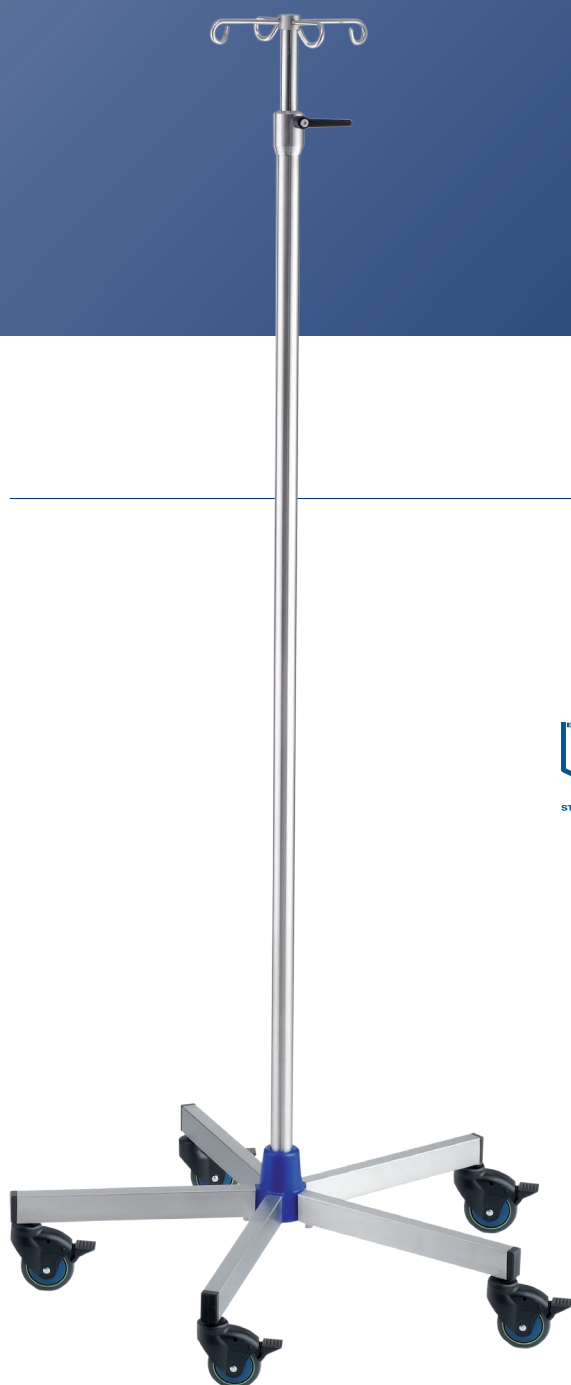


create your individual IV-Pole under [www.provita.de](http://www.provita.de)

	Material / Colour	Castors	Base weight	Height adjustment	Bottle holder
I-M	1		1	2	1
	1	1 2	1	2	1
	stainless steel / blue	twin castors 50 mm mono castors 80 mm	non weighted	screw	plastic 2,0 kg / hook
Example: I-M	1	2	1	2	1

# Urology

IV Stand / Drip Stand



## I-U02224

- + strengthened bottle holder enables a hanging capacity of irrigation liquids of up to 5 liters
- + higher build up pressure of irrigation liquids through extended length 2.800 mm



Material	stainless steel
Bottle holder	stainless steel 4 safety bottle hooks – 5,0 kg / hook
Height adjustment	stainless steel screw height adjustment with soft-drop system (see page 63)
Regulating range	appr. 1.900 mm – 2.800 mm
Tube diameter	33,7 / 25 mm
Length of outer tube	1.600 mm
Base diameter	800 mm
Base leg profile	45 x 25 mm
Castors	mono castors Ø 80 mm, according to DIN EN 60601 electrically conductive and lockable
Total / base weight	appr. 13,2 kg / 7,5 kg







## I-U02237

Lifter with battery driven electrical height adjustment

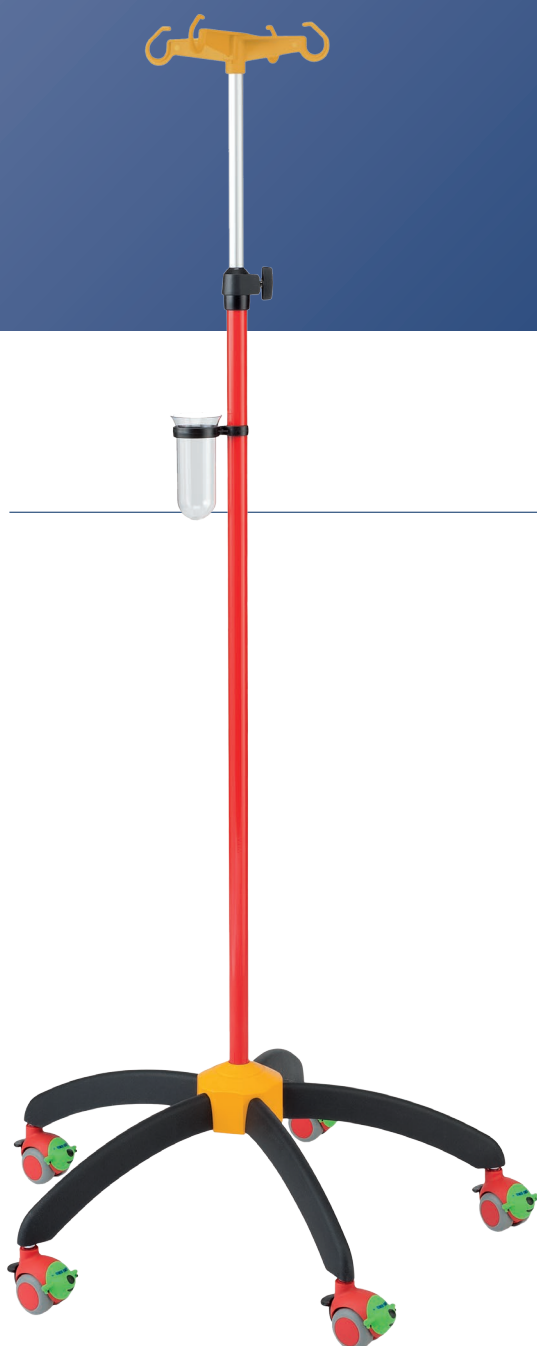
- + urology pole easy to adjust by using the foot-switch
- + mobile use due to high battery capacity
- + high security through a turn safety pole construction

Material	stainless steel
Base plate	steel, galvanized, white coated
Bottle holder	stainless steel 3 safety bottle hooks – 10,0 kg / hook
Center tube / Inner tube	Ø 38 mm / Ø 25 mm
Regulating range	appr. 1.500 mm – 2.650 mm
Base	appr. 550 × 550 mm
Operated	by foot switch
Maximum load capacity	30,0 kg
Operation time	appr. 22 s (appr. 52 mm/s)
Protection class	II
Safety class	IP 20
Castors	apparatus castors Ø 75 mm, according to DIN EN 60601 electrically conductive and lockable
Total weight (net weight)	36,5 kg
Features	with battery charger (due to battery operation no need of disruptive power cable), with bumper wheels



# Paediatric

IV Stand / Drip Stand



## Children IV Pole » Rainbow «

I-HA4125

+ colourful combinations enhance the hospital environment and encourage patient rehabilitation

Material	aluminium / plastic
Colour of plastic parts	coloured
Bottle holder	plastic 4 safety bottle hooks – 2,0 kg / hook
Height adjustment	screw height adjustment
Regulating range	appr. 1.350 – 2.000 mm
Tube diameter	25 / 18 mm
Base diameter	635 mm
Castors	twin castors Ø 50 mm with figures
Total / base weight	appr. 3,0 kg / 1,6 kg

I-HA4125 red, black, yellow – with airplane castors

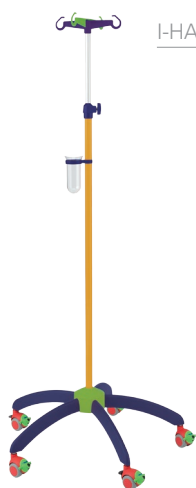
I-HA4126 green, black, yellow – with mouse castors

I-HA4130 yellow, blue, green – with airplane castors



construction time 2–3 min.





I-HA4130



I-HA4126



L111120K

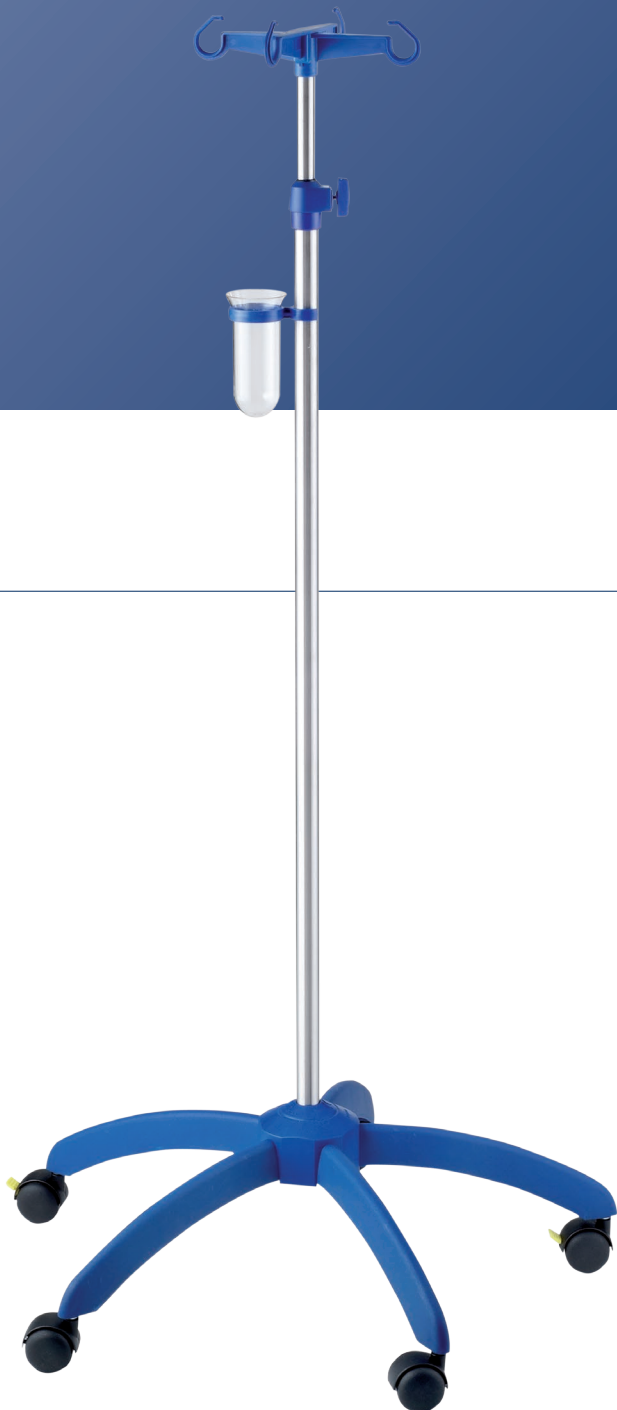
Children lamp see page 26

+ available with mouse- or plane shaped castors in several coulored layouts



# Homecare

IV Stand / Drip Stand



## I-H71121

(our recommendation for use at home)

+ very easy and fast assembly through a plug in and out system with only 1 screw connection

Material	aluminium
Colour of plastic parts	blue
Bottle holder	plastic 4 safety bottle hooks – 2,0 kg / hook
Height adjustment	screw height adjustment
Regulating range	appr. 1.350 mm – 2.150 mm
Tube diameter	25 / 18 mm
Base diameter	635 mm
Castors	twin castors Ø 50 mm, according to DIN EN 60601 electrically conductive and lockable
Total / base weight	appr. 3,0 kg / 1,6 kg with drip vessel and holder



construction time 2–3 min.



create your individual IV stand under [www.provita.de](http://www.provita.de)





## Foldable IV-Pole

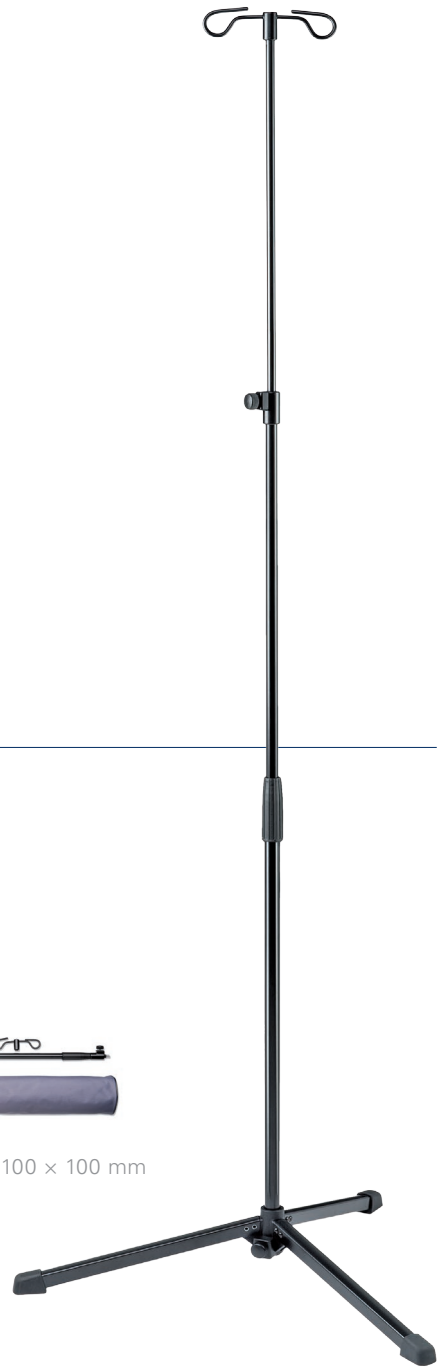
(our recommendation for mobile use)  
I-H84132

+ easy and quick to use in emergency and home care

Material	aluminium / plastic
Bottle holder	2 bottle hooks – 0,5 kg / hook
Height adjustment	screw height adjustment
Regulating range	appr. 830 – 1.780 mm
Tube diameter	20 / 15 / 11 mm
Transport size	750 × 100 × 100 mm
Base diameter	680 mm
Total load capacity	1,0 kg
Total weight (net weight)	appr. 2,0 kg
Features	anti-slide stopper base, including carrying bag



size of bag:  
appr. 750 × 100 × 100 mm



### I – H

blue	black	grey	
I-H11121	I-H21121	I-H31121	stainless steel
I-H41121	I-H51121	I-H61121	chromed steel
I-H71121	I-H81121	I-H91121	aluminium

\*Series I-H is only suitable for the use of gravity infusion



# Infuboy

IV-backpack



## INFUBOY

I-WALK01

- + movement creates independence
- + movement enhances the well-being
- + movement strengthens health

IV-pole material	stainless steel
Fabric	100 % polyester
Height adjustment	stainless steel screw height adjustment
Regulating range	appr. 700–850 mm
Hooks	2 pieces, 2,0 kg/hook
Size	appr. 350 × 795 mm
Weight	appr. 1,6 kg

# Your product advantages to your benefit

## application

- + patient is able to move freely on slopes – even with infusion
- + the patient with its both hands free can hold himself onto a railing
- + light materials grant high wearing comfort
- + easy to clean plastic frame due to reduced adhesion of dirt

## technology

- + bag (frame) made of high-quality plastic
- + comfortable screw height adjustment

## safety

- + plastic frame without toxic ingredients
- + no risk of injury thanks to hooks that automatically fold

## economy

- + washable bag (fabric) up to 60°
- + complete recyclability



hooks folded



# Accessories

## IV Stand / Drip Stand

### Bottle Holder



4 safety bottle hooks M6, for IV-Poles with inner nut M10, threaded spigot M10 to screw in

Capacity	2,0 kg per hook
Weight	appr. 0,15 kg

Z2N06352	stainless steel
Z2S06367	chromed steel

### Bottle Holder



4 safety bottle hooks, for IV-Poles without inner nut, for round tube Ø 18 mm

Capacity	2,0 kg per hook
Material	plastic
Weight	appr. 0,6 kg

Z2K0645 -	G › green / D › blue / H › red / N › grey / R › black
-----------	---

### Plug-In Bottle Holder



4 safety bottle hooks for IV-Poles without inner nut, for round tube Ø 18 mm

Capacity	2,0 kg per hook
Material	stainless steel
Weight	appr. 0,15 kg

Z2N06392
----------

### Bottle holder for 5 l bottles



4 safety bottle hooks M8, for IV-poles with inner nut M10, threaded spigot M10 to screw in

Capacity	5,0 kg per hook
Material	stainless steel
Weight	appr. 0,2 kg

Z2N06102
----------



### Bottle bar

safety bottle hooks M6, for IV-Poles with inner nut M10, threaded spigot M10 to screw in

Capacity	2,0 kg per hook
Material	stainless steel

Z2N06552	4 safety bottle hooks, length 500 mm
Z2N06542	6 safety bottle hooks, length 600 mm

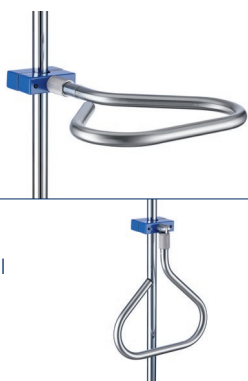


### Pushing Handle\*

for round tube Ø 25 mm, height adjustable through two fixing screws

Material	stainless steel
Weight	appr. 550 gr

Z2N07982



### Pushing handle, foldable\*

for round tube Ø 25 mm

Material	stainless steel
Colour of mounting bracket	blue
Weight	appr. 0,9 kg

Z2N07952



### Pushing handle for ECO-MOVE\*

for round tube Ø 25 mm

Material	stainless steel / aluminium
Colour of clamp	blue
Safety rubber	on handle

Z-ECO001



### Infusion Bottle Holder

2 bottle baskets and 2 bottle hooks, for IV-Poles with and without inner nut, for round tube Ø 18 mm

Capacity	2,0 kg per basket / hook
Weight	appr. 0,4 kg

Z2N65632	to screw in, stainless steel (safety bottle hooks)
Z2S65837	to plug in, chromed steel (safety bottle hooks and baskets)
Z2S65737	to screw in, chromed steel (safety bottle hooks and baskets)



### Pushing Handle\*

for round tube Ø 25 mm, height adjustable by handwheel

Material	stainless steel
Colour of plastic parts	black
Weight	appr. 0,4 kg

Z2N06982



### Pushing Handle\*

for round tube Ø 38 mm

Material	aluminium
Colour	white
Size	290 x 380 mm
Weight	appr. 1,1 kg

Z2N09343



### Pushing handle with quick-hand-fastener\*

for round tube Ø 25 mm, height adjustable by handwheel

Material	plastic
Colour	black

Z2K0698R

! \*Attention: Use of pushing handles is not allowed with IV-stands I-N and I-H.



Shelf Rectangular Shape\*

for round tube Ø 25 mm, height adjustable by handwheel, with circumferential safety edge

Material	aluminium / stainless steel
Size	315 × 275 mm
Weight	appr. 2,75 kg

Z2N63422



Shelf round\*

for round tube Ø 25 mm, with circumferential safety edge

Material	stainless steel
Diameter	370 mm
Weight	appr. 2,9 kg

Z2N64422



Monitor Shelf\*

for round tube Ø 25 mm, height adjustable by handwheel, with lateral safety edge

Material	steel, white coated / aluminium
Size	240 × 248 mm
Weight	appr. 2,75 kg

K2S7043A

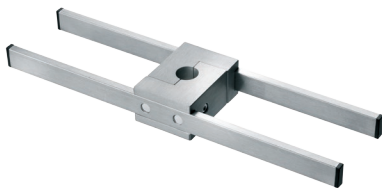


Identification Case

for round tube Ø 25 mm, labelling of the IV-Pole for easy station or room allocation

Material	polycarbonate
Weight	appr. 0,1 kg

H2K0625-



Double wall rail

for round tube Ø 25 mm

Material	aluminium / stainless steel
Weight	appr. 1,3 kg
optional	for round tube Ø 33,7 mm / Ø 38 mm

Z2N06932



Compact Rail (split)

for round tube Ø 38 mm

Material	aluminium
Medical rail	25 × 10 mm, surrounding
Capacity	30,0 kg
Size	110 × 110 mm
Weight	appr. 0,9 kg

Z2N09303



! \*Please take note that not all accessories are suitable to be retro fitted. We would be happy to give advice.





## Medical Approved Plugboard vari med

+ with children protection (higher touch protection of plug board)

Material of housing	aluminium, anodized
In accordance with norm	DIN EN 60601-1-1
Operating indicator	green
Safe-guard	dual fused T6, 3AH
Safety cover	automatically locked, opening with tool only
Cable supply	3 m (spirale cable 1–3 m), antibacterial with medical plug
Cable size	1,5 mm <sup>2</sup> / 2,5 mm <sup>2</sup>
Traceability	by production date on cable and plug
Number of sockets	4 or 6-plug, 90° turned with enough space in between
Attachment	universal bracket for medical rail and round tubes
optional	antibacterial supply cable / plug

for mobile use (cable size 1,5 mm<sup>2</sup>)

Z2K06384	4-plug
Z2K07014	4-plug, dual fused
Z2K07024	4-plug, spirale cable
Z2K07034	4-plug, spirale cable, dual fused
Z2K06394	6-plug
Z2K07114	6-plug, dual fused, 5 m cable supply
Z2K07124	6-plug, dual fused, 3 m cable supply

for mobile use (cable size 1,5 mm<sup>2</sup>)

with connection option for potential equalization

Z2K07064	4-plug, dual fused, 1,5 m, 4 × PE-connections, PE-connection lead: 4 mm <sup>2</sup> , 4 m
Z2K07074	4-plug, dual fused, 3 m, 4 × PE-connections, PE-connection lead: 4 mm <sup>2</sup> , 4 m
Z2K07084	4-plug, dual fused, 5 m, 4 × PE-connections, PE-connection lead: 4 mm <sup>2</sup> , 4 m
Z2K07094	4-plug, dual fused, spirale cable 1–3 m, 4 × PE-connections, PE-connection lead: 4 mm <sup>2</sup> , 4 m

for medical installations (cable size 2,5 mm<sup>2</sup>)

Z2K07044	4-plug
Z2K07054	4-plug, dual fused

for medical installations (cable size 2,5 mm<sup>2</sup>)

with connection option for potential equalization

Z2K07104	4-plug, dual fused, 2,5 mm <sup>2</sup> , 1,5 m, 4 × PE-connections, PE-connection lead: 4 mm <sup>2</sup> , 4 m
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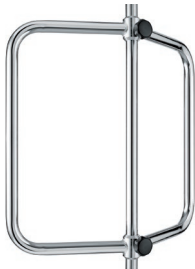


Pump Holder for 2 Devices

for round tube Ø 25 mm, height adjustable by handwheel, to adapt infusion pumps or other devices

Material	stainless steel
Weight	appr. 1,0 kg

Z2N06312



Pump Holder for 4 Devices

for round tube Ø 25 mm, height adjustable by two handwheels, to adapt infusion pumps or other devices

Material	stainless steel
Weight	appr. 1,2 kg

Z2N06292



Wall Rail

for subsequent adaption on round tube Ø 25 / 38 mm, height adjustable through two fixing screws

Material	stainless steel
Profile	25 × 10 mm
Length	558 mm
Load capacity	appr. 8,0 kg
Weight	appr. 0,9 kg

H2N70432	for round tube Ø 25 mm
H2N70332	for round tube Ø 38 mm



Wall Mount

for direct mounting of poles to walls, with 4 mounting holes

Material	aluminium, white coated
Socket	Ø 18 mm
Size	appr. 60 × 60 × 70 mm

Z2N0617A with headless screw



Bracket for Fixation at Tubes

for mounting of accessories to IV-Poles, Ø 25 - 50 mm

Material	aluminium, coated
Mounting	Ø 18 mm
Weight	appr. 0,13 kg

Z2N0502A	white
Z2N0502S	silver

! Instructions for installation please see p. 192

IMPORTANT: We expressly point out that not all bottles Cross/ Beam variants / accessories for products are without extra weight construction. For safety reasons, you should take the opportunity and let yourself be advised by our sales team about the “tilting” requirements of the norm DIN EN 60601. Another point we would be happy to advise you on will be, how one can jeopardize the approval of the DIN EN 60601 by changes on products.

## Accessory with quick-hand-fastener

to adapt onto round tubes Ø 25 - 33,7 mm  
(colour of handle: grey)



### Drainage Holder 2 Hooks

Material	stainless steel / aluminium
Distance of hooks	160 mm
Capacity	2,0 kg / hook
Weight	appr. 0,5 kg

Z-PRE001



### Pushing Handle\*

Material	stainless steel / aluminium
Weight	appr. 0,55 kg

Z-PRE006



### Pump Holder for 2 Devices

Material	stainless steel / aluminium
Capacity	5,0 kg (ea. 2,5 kg per side)
Weight	appr. 0,95 kg

Z-PRE002



### Medical Rail

Material	stainless steel / aluminium
Size	25 x 10 x 500 mm
Capacity	5,0 kg (ea. 2,5 kg per side)
Weight	appr. 0,7 kg

Z-PRE004



### Shelf

Material	stainless steel / aluminium
Size	310 x 250 mm
Weight	appr. 1,6 kg

Z-PRE003



### Basket

Material	stainless steel / aluminium
Size	300 x 200 x 100 mm
Weight	appr. 0,5 kg

Z-PRE005



### Coat Holder with 2 Hooks

Material	stainless steel / aluminium
Total length	460 mm
Capacity	1,0 kg / hook
Weight	appr. 0,7 kg

Z2N6661S

! \*Attention: Use of pushing handles is not allowed with IV-stands I-N and I-H.

# IV-Poles

IV Stand / Drip Stand



## Wall IV-Poles

Material	stainless steel / aluminium
Bottle holder	stainless steel 4 / 3 safety bottle hooks – 2,0 kg / hook
Height adjustment	screw height adjustment
Regulating range	appr. 730 – 1.040 mm / appr. 540 – 790 mm
Tube diameter	25 / 18 mm
Inner tube	2 × 90° bend / straight
Working radius	200 mm
Wall holder	2 pieces with 2 mounting holes each for flat head screw M6 (screws are not included in the delivery)
Total weight (net weight)	appr. 2,0 kg with drip vessel and glass holder
I-WAND01	bended
I-WAND02	straight



## Wall IV Holder

Material	stainless steel / aluminium
Tube diameter	18 mm, pivotable
Length of arm	400 mm
Bottle hook	adjustable – 2,0 kg / hook
Weight	appr. 0,8 kg

I-WAND03

! Instructions for installation please see p. 192

# IV-Pole

without attachment

Bottle holder	stainless steel 4 safety bottle hooks – 2,0 kg / hook
Height adjustment	single-handed safety height adjustment
Regulating range	appr. 1.070 mm – 1.660 mm
Tube diameter	25 / 18 mm
Weight	appr. 2,1 kg / appr. 1,6 kg
I1000702	without bracket, stainless steel
I1000707	without bracket, chromed steel



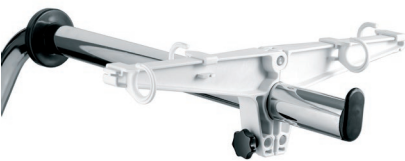
+ Enough safe distance in between both tubes once the pole reached its lowest height as a precaution of risk of injury (e.g. to avoid finger traps)



## with Plug-In

Ø 27 x L 180 mm, with adapter for secure insertion

I1000302	stainless steel
I1000307	chromed steel



## IV-holder

for bed lifting pole

Material	plastic
Colour	white
Fastening	to oval tube 32 mm
Bottle hooks	4 safety bottle hooks - 2,0 kg / hook

Z2K0646A

## with Ball Joint Mount

with universal clamp for mounting to various rail profiles and round tubes, stepless inclinable up to 30° in all directions

I1000232	stainless steel with 2 safety bottle hooks (90°)
I1000252	stainless steel with 4 safety bottle hooks



## IV-bottle holder

for bed lifting pole

Material	stainless steel / aluminium
Fastening	to oval and round tube profiles
Bottle bar	4 safety bottle hooks – 2,0 kg / hook
Length of bottle bar	490 mm
Height adjustment	double clamp with hand wheel

Z2N09072

further adapters and OEM poles on request and on page 102



# Hygiene Centre

Furniture

## Hygiene - uncomplicated - where needed

Hygiene has become extremely important whether in hospitals, schools, childcare, airports or other public areas. With the increased awareness to the threat of viruses a solution is needed.

Provita's hygiene centre makes hygiene uncomplicated and simple. As a complete workstation, the hands can be disinfected initially which greatly reduces the risk of contamination which is key to healthcare professionals. The use of high grade aluminium and other rust proof materials is integral to the design of the unit.

Labelling and individual configuration of the hygiene unit can be tailored to each customers needs. Some examples are shown. Give hygiene a new priority!





## Fully equipped model

● S02512PB	blue
● S02512OI	yellow
● S02512OS	silver

Basic layout see picture.

The total weight (net weight) is 19,0 kg.



# Create your individual Hygiene Center here:



## Roller Base with Tube

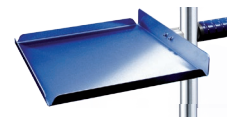
Material	stainless steel
Device tube	L 1.500 mm, Ø 33,7 mm
Ø Base	630 mm
Castors	mono Ø 80 mm according to DIN EN 60601 electrically conductive and lockable



●S07501PB ●S075012I ●S075012S

## Shelf

Material	stainless steel / aluminium
Size	310 × 250 mm



●Z2N075PB ●Z2N0754I ●Z2N0754S

## Gloves dispenser

2-fold

Material	aluminium, coated
Size	280 × 270 × 100 mm
Fixation	through quick-hand-fastener
Weight	appr. 1,3 kg



●Z2N658PB ●Z2N6585I ●Z2N6585S

## Gloves dispenser

3-fold

Material	aluminium, coated
Size	390 × 260 × 100 mm
Fixation	through quick-hand-fastener
Weight	appr. 1,5 kg



●Z2N655PB ●Z2N6552I ●Z2N6552S

## Gloves dispenser

3-fold

Material	stainless steel / aluminium
Outer size	240 × 403 × 99 mm
Inner size	
(each compartment)	240 × 132 × 96 mm
Fixation	through quick-hand-fastener
Weight	appr. 2,5 kg



●Z2N670PB ●Z2N6704I ●Z2N6704S

## Disinfectant Dispenser

500 ml, with long lever

Material	aluminium
----------	-----------

●Z2N657PB ●Z2N6586I ●Z2N6586S

with melamine recipient

Material	aluminium
----------	-----------

●Z2N660PB ●Z2N6588I ●Z2N6588S



## Drip Bowl

2 liter

Material	stainless steel / aluminium
Size	300 × 200 × 100 mm



●Z2N061PB ●Z2N0616I ●Z2N0616S

## Large Basket

Material	stainless steel / aluminium
Size	460 × 460 × 150 mm

Z2N65842



## Utensils Basket

Material	stainless steel / aluminium
Size	300 × 200 × 100 mm

●Z2N659PB ●Z2N6583I ●Z2N6583S





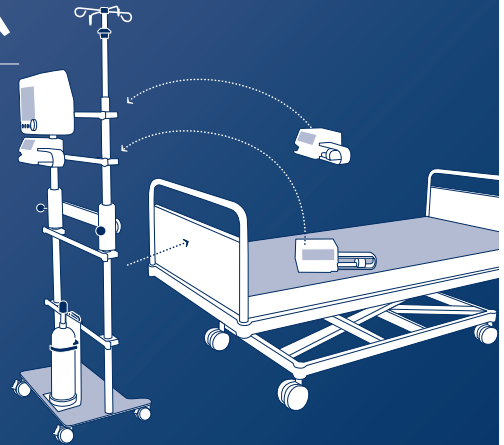


IV Poles and Furniture

# Mobile transfer cart

## » provi-Dock «

Furniture



## In-Hospital Patient Transport: safe, fast and easy

The transportation of critically ill patients within a hospital is a challenging task as patient and equipment must be moved quickly and safely. The provi-Dock patient transfer system allows staff to dock the cart to the bed and transfer the patient.

All the equipment required to transfer the patient is mounted to the transfer cart allowing for a seamless transfer. Equipment can be clearly arranged on the transfer cart to allow clinicians to clearly see the status assuring a smooth transfer with minimal interruption to any therapy and minimal risk to the patient. Provita's solution to this problem is a functional equipped docking cart.

The feeding infusion equipment to the patient, respiratory devices and monitors will be easy, clearly arranged and safe positioned on the docking cart, therefore permitting a quick and unobstructed transportation without any therapy interruptions - to the well-being of the patient, to the use of the staff.

application video see [www.provita.de](http://www.provita.de)







## » provi-Dock « IDOCK211

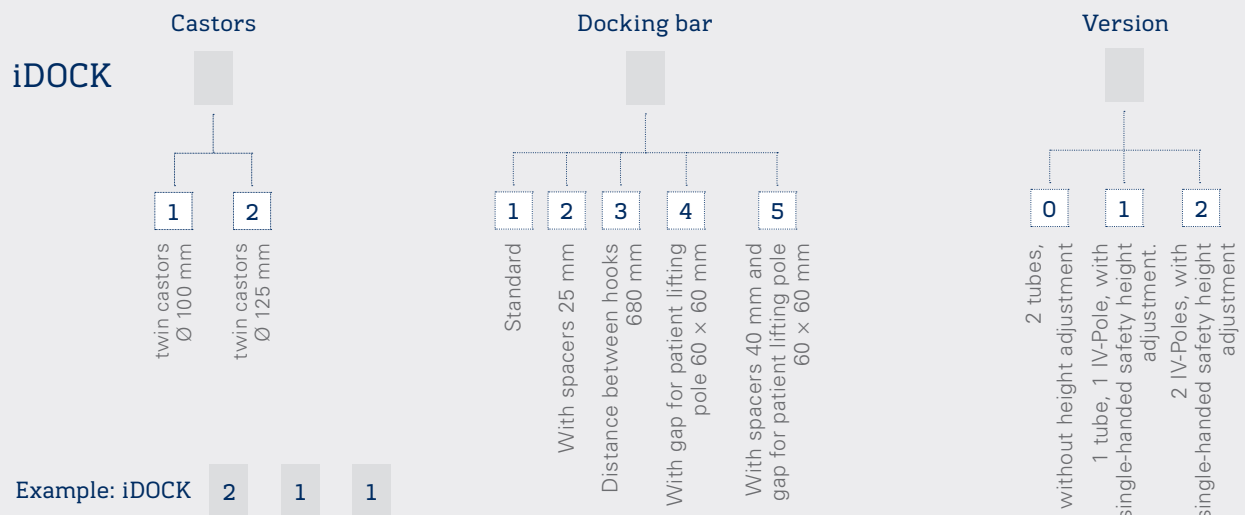
+ safety carrying of devices guarantees the constant, efficient medical patient care in case of emergency or patient transfer

+ space-saving due to narrow size

Material	stainless steel
Bottle holder	stainless steel, 4 safety bottle hooks – 5,0 kg / hook
Height adjustment IV-Pole	single-handed safety height adjustment
Regulating range	appr. 1.770 – 1.940 mm
Bed mounting	height adjustable docking bar with 2 docking hooks
Tube version	1 round tube, 1 IV-Pole
Round tube length	1.350 mm
diameter round tube	38 mm
Round tube wall thickness	2 mm
Distance Round tube – IV-Pole	500 mm
Medical rails	4 pieces each 25 × 10 × 680 mm
Total size	appr. 410 × 600 × 1.770 mm
Base weight	appr. 24,0 kg
Total weight (net weight)	appr. 46,0 kg (without devices)
Castors	twin castors Ø 125 mm, according to DIN EN 60601 electrically conductive and lockable
Grounding ring	included

picture shows optional accessories

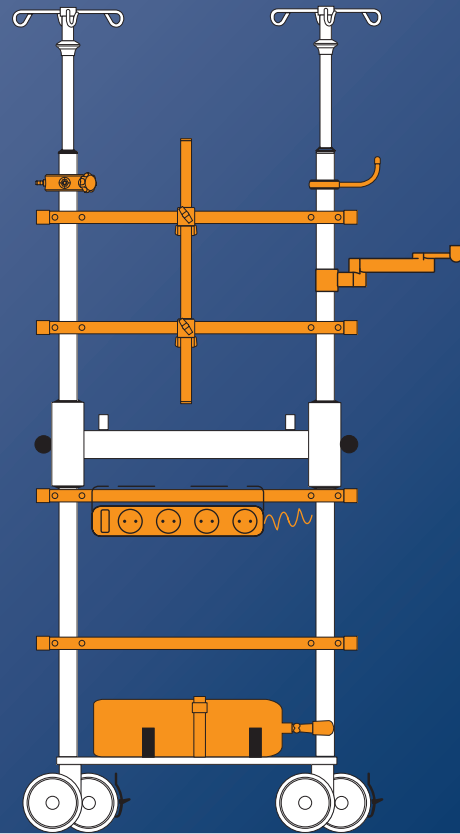
+ with Kick-Stop





# Accessories

Upgrade your docking cart here



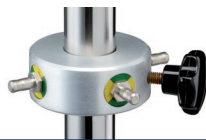
## Tube holder

for round tube Ø 38 mm

Material	stainless steel
Height adjustment	with allen screw
Weight	0,2 kg

Z-DOCK18

Z-DOCK27 with splitted assembling ring



## Grounding Ring

for round tube Ø 38 mm

Material	aluminium
Grounding ring	with 4 earthing pins
Height adjustment	with star handle
Weight	0,2 kg

Z-DOCK26

## Pump Holder Tubes 300 / 450 / 600 / 800 mm

Material	stainless steel / aluminium
Attachment	with 2 medical rail clamps
Tube diameter	25 mm
Weight	appr. 0,5 / 0,7 / 0,9 / 1,2 kg

Z-DOCK21 / 22 / 23 / 29



## Compact Rail (split)

for round tube Ø 38 mm

Material	aluminium
Medical rail	25 x 10 mm, surrounding
Capacity	30,0 kg
Size	110 x 110 mm
Weight	0,9 kg

Z2N09303





File Holder

for round tube Ø 38 mm, for file size A4

Material	aluminium
Colour	white
Size	appr. 230 × 100 × 300 mm
Weight	appr. 1,4 kg

Z-DOCK01



Multipurpose Basket

for round tube Ø 38 mm

Material	steel, coated / aluminium
Colour	light grey
Size	appr. 250 × 90 × 200 mm
Weight	appr. 0,9 kg

Z-DOCK02



Oxygen Bottle Holder

mounting to wall rail 25 × 10 mm

Material	steel, coated
Colour	white
Weight	appr. 2,3 / 3,5 kg

Z-DOCK03 2 or 3 l bottles

Z-DOCK30 5 l bottles



Pivot arm fixed height

for monitors » PHILIPS « IntelliVue MP5-70 and MX400-800

Max. load capacity	23,0 kg
Max. monitor weight	14 kg
Arm length	250 mm
Swivel range wall-side	±90°
Swivel range monitor-side	±90°
Tilt range	±20°
Colour	RAL 7035 light grey

to mount on medical rails 25 x 10 mm

Weight

Z-DOCK60 2,27 kg

to mount on round tube Ø 35-38 mm

Weight

Z-DOCK61 2,33 kg

Wall Rail

with entire usable surface

Material	stainless steel / aluminium
Size	25 × 10 × 680 mm
End caps	plastic, black
Colour of support clamps	white
Weight	appr. 1,0 kg



Z-DOCK05



Cable / Tube Holder

Material	plastic
Colour	white
Z2K09343	for round tube Ø 38 mm
Z2K09353	for wall rail 25 × 10 mm



+ rail usable on its entire surface





## Medical Approved Plugboard vari med

**+ with children protection (higher touch protection of plug board)**

Material of housing	aluminium, anodized
In accordance with norm	DIN EN 60601-1-1
Operating indicator	green
Safe-guard	dual T6, 3AH
Safety cover	automatically locked, opening with tool only
Cable supply	3 m (spirale cable 1–3 m), antibacterial with medical plug
Cable size	1,5 mm <sup>2</sup> / 2,5 mm <sup>2</sup>
Traceability	by production date on cable and plug
Number of sockets	4 or 6-plug, 90° turned with enough space in between
Attachment	universal bracket for medical rail and round tubes
optional	antibacterial supply cable / plug

for mobile use (cable size 1,5 mm<sup>2</sup>)

Z2K06384	4-plug
Z2K07014	4-plug, dual fused
Z2K07024	4-plug, spirale cable
Z2K07034	4-plug, spirale cable, dual fused
Z2K06394	6-plug
Z2K07114	6-plug, dual fused, 5 m cable supply
Z2K07124	6-plug, dual fused, 3 m cable supply

for mobile use (cable size 1,5 mm<sup>2</sup>)

with connection option for potential equalization

Z2K07064	4-plug, dual fused, 1,5 m, 4 × PE-connections, PE connection lead: 4 mm <sup>2</sup> , 4 m
Z2K07074	4-plug, dual fused, 3 m, 4 × PE-connections, PE connection lead: 4 mm <sup>2</sup> , 4 m
Z2K07084	4-plug, dual fused, 5 m, 4 × PE-connections, PE connection lead: 4 mm <sup>2</sup> , 4 m
Z2K07094	4-plug, dual fused, spirale cable 1–3 m, 4 × PE-connections, PE connection lead: 4 mm <sup>2</sup> , 4 m

**!** more beam versions available on request

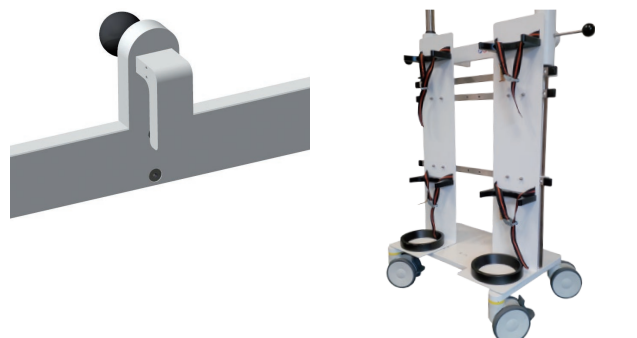


option: oxygen bottle holder on base plate (Article no.: Z-DOCK31)



option: additional bed fixation clamp

option: bottle holder for 10 l bottles





# Care Furniture

Furniture



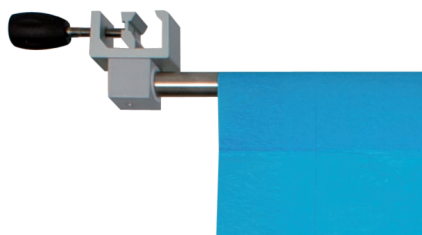
## OR-Screening

+ for hanging OR cloths to the 2 vertical tubes

Material	stainless steel / aluminium
Tube diameter	25 / 18 mm
length	appr. 1.500 – 2.800 mm
Mounting	2 universal clamps
Total weight (net weight)	appr. 4,0 kg with pull-out guard

Z2N08582

universal clamp



## Screen Cart

+ with fire-resistant screen

Material	stainless steel, coated
Colour	white
Size	appr. 980 × 520 × 1.800 mm
Castors	twin castors Ø 50 mm, according to DIN EN 60601 electrically conductive and lockable
Curtain	fire resistant
Total weight (net weight)	appr. 7,0 kg

S888000A

## Arm- & Leg Rest



anti-slide rubber stoppers



- + the ergonomic cushion is stepless inclinable through a lockable joint

Material	chromed steel
Material of foam	PU foam
Regulating range	appr. 680 mm – 880 mm
Foam pad	300 × 100 mm
Base diameter	635 mm
Castors	twin castors Ø 50 mm, according to DIN EN 60601 electrically conductive and lockable
Total weight (net weight)	appr. 3,0 kg

S1112007	single-handed safety height adjustment on anti-slide stoppers
S1112017	single-handed safety height adjustment on castors
S2102037	screw height adjustment on anti-slide stoppers
S2112027	screw height adjustment on castors

## Bowl Stand

- + safe absorption of liquids, solutions and fabric

Material	stainless steel
Bowl stand	with handle (ball handle)
Number of bowls	1 or 2 pieces (per 6 l)
Bowl diameter	320 mm
Height	825 mm
Base diameter	appr. 635 mm
Castors	twin castors Ø 50 mm, according to DIN EN 60601 electrically conductive and lockable
Total weight (net weight)	appr. 7,8 kg
optional	available with seamless welded base

S0111902	with 1 bowl
S0112002	with 2 bowls

option: seamless welded base





## Trolley

+ shelves easy to remove for better cleaning

Material	stainless steel
Total size	420 × 420 × 800 mm
Tube diameter	18 mm
Castors	twin castors Ø 50 mm, according to DIN EN 60601 electrically conductive and lockable
Total weight (net weight)	appr. 11,0 kg

T2170032



## Device Cart

+ weighted base construction

Material	stainless steel / aluminium
Center tube	Ø 38 × 1.000 mm
Size of tray	300 × 200 mm
Multipurpose basket	230 × 230 × 250 mm
Castors	mono castors Ø 80 mm, according to DIN EN 60601 electrically conductive and lockable
Total weight (net weight)	appr. 22,5 kg

I9972202



## Instrument Table

+ plate with safety-edge protection on its four sides

Material	stainless steel / plastic
Colour of plastic parts	blue
Size of tray	300 × 200 mm
Pole	1.000 mm
Castors	twin castors Ø 50 mm, according to DIN EN 60601 electrically conductive and lockable
Total weight (net weight)	appr. 4,0 kg

I9972302



## Curtain holder

+ stowable in a space-saving way

Material	stainless steel
Extension length	appr. 1.800 mm / both sides with extension limit
Rotation angle	90° (fix)
Inserted length	appr. 650 mm
Fastening	with medical wall rail clamp and support, for assembling onto wall rails 25 × 10 mm

Z2N10202





## Table IV-Stand

### + Infusion care - for ambulant application

Material	stainless steel
Colour of plastic parts	grey
Bottle holder	plastic 4 safety bottle hooks – 2,0 kg / hook
Height adjustment	screw height adjustment
Features	with 5 short, weighted legs and anti-sliding stoppers
Total weight (net weight)	appr. 3,0 kg

I4440002



## Oxygen Bottle Stand

### + mobile application for large oxygen bottles

Material	steel, coated
Colour	white
Use	for 10 liter – O <sup>2</sup> bottles
Protection	with lashing strap
Stand height	880 mm
Base diameter	635 mm
Castors	twin castors Ø 50 mm, according to DIN EN 60601 electrically conductive and lockable
Total weight (net weight)	appr. 4,5 kg

S013190A



## Kick bucket

### + enables a quick dumping of consumables during a surgery

Material	stainless steel
Capacity	appr. 12 liter
Castors	mono castors Ø 80 mm, according to DIN EN 60601 electrically conductive and lockable
Size	Ø 330 × 440 mm
Total weight (net weight)	appr. 3,75 kg

Z2N09202



## Hook Cart

### + to hang OR- Towels professionally - ensuring the safety of the patient after a surgery

Material	stainless steel
Number of hooks	120
Size	appr. 475 × 1.200 × 1.600 mm
Castors	apparatus castors Ø 75 mm, according to DIN EN 60601 electrically conductive and lockable
Total weight (net weight)	appr. 27,0 kg

Z2N09102



# OEM Solutions

IV Poles and Furniture



As a result of our worldwide cooperation with well-know medical equipment manufacturers we do develop many customized solutions. You are welcome to inform us about your requests.











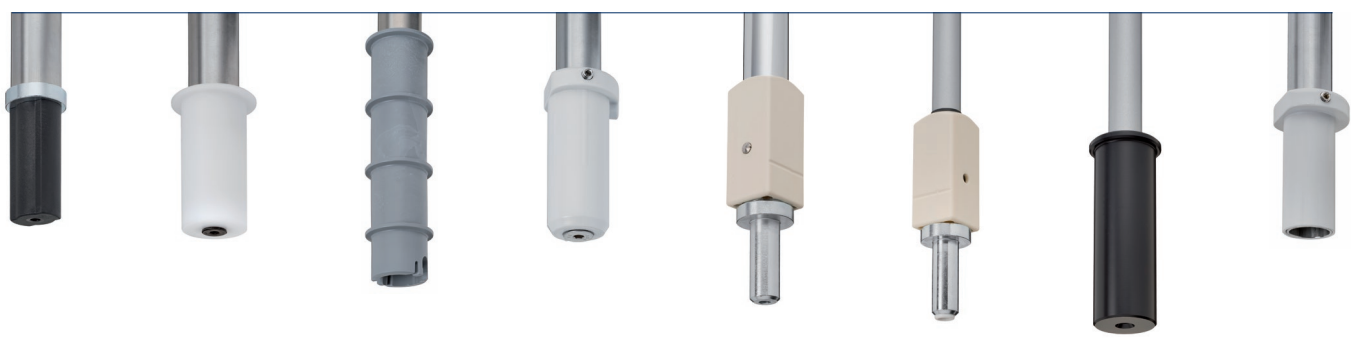
IV Poles and Furniture







Adapter in plastic



Adapter with union bush

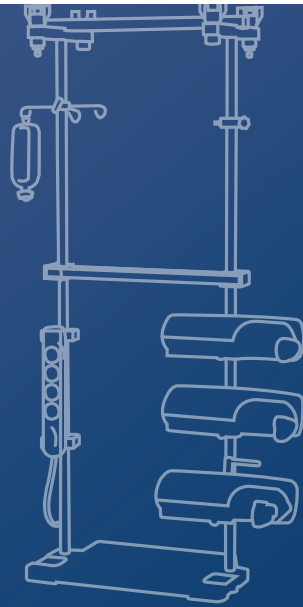


Adapter pins





# Ceiling Infusion Systems



# Ceiling Infusion Systems

- + flexible
- + variable
- + resilient





## Ceiling Infusion Systems

Provita ceiling rail systems always provide sufficient room for patient care, whether in a hospital, care room or in a medical practice. Even in the smallest of spaces, provita ceiling rails give staff the required freedom of motion and thus ensure that patients receive optimal care.

Through the combination of various rail shapes, our ceiling rail systems can be adjusted to suit your room and your requirements. They are suitable for any ceiling construction, even suspended ceilings. The stable substructure allows for secure attachment wherever you are.

In addition to this, compliant ceiling stands made from stainless steel, in various lengths, telescopically adjustable and with safety height adjustment are, of course, also available for the attachment of pumps and accessories. An extensive range of accessories completes the system. Ceiling hooks, pump holders, gliders, bottle holders, cable trolleys, storage

shelves, power outlet strips, potential equalisation rings, component plates and monitor shelves are all available to choose from.

As a complete supplier of the ICS 1, ICS 2 and ICS 4 ceiling rail systems and the ICS 3 IV holder system, provita has acquired references from all over the world.

ICS 1 and ICS 2 differ primarily in their load bearing capacity. While the ICS 1 rails can support 50 kg per metre, the same length of ICS 2 rail will hold 80 kg.

ICS 3 is a pivoting, ceiling-mounted support system for the attachment of IV devices and accessories.

The ICS 4 system combines the rail and support system and as such has the advantages of both variants.

# Many product advantages to your benefit



## ICS 1 + ICS 2

- + ceiling-supported systems for a flexible infusion and device management with a maximum freedom of space on the floor
- + adequate interior design thanks to individual configurability
- + provides unhindered access to the patient thanks to a multifunctional room use
- + the medical rail system is suitable for every room condition and available in any desired length
- + in case of intermediate ceilings (suspended ceilings) the rail is statically secured and easily fixable through variable, stable substructure spacers
- + the anodized surface is based on the Qualanod-Guidelines, allowing a hygienic cleaning (wipe disinfection)

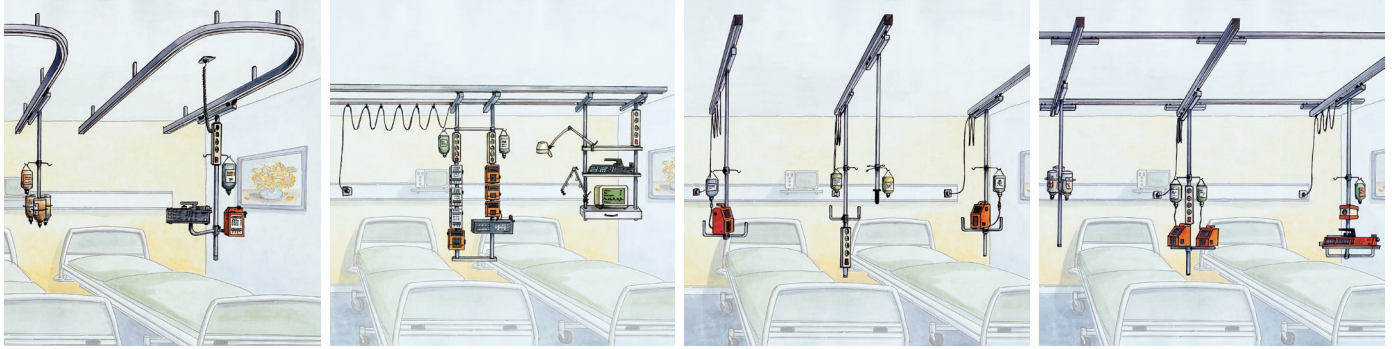
## ICS 1

- + compact, light rail profile for gravity infusion

## ICS 2

- + stable, high-quality profile for heavy load
- + the rail can be mounted in several levels: with distance to the intermediate ceiling, directly below the intermediate ceiling or incorporated in the suspended ceiling





### ICS 3

- + pivotable support arm solution with a work field of Ø 1.800 mm
- + optimal use of space as well as maximal freedom movement near the patient
- + integrated power supply
- + secured rotation-lock for the protection of the internal preamble care
- + high load capacity

### ICS 4

- + high-quality guiding profile with abrasion-resistant surface and smooth running support rollers
- + the integrated, low-noise electricity-guided chain will track the movement of the device supporting carrier
- + brake system locks the carrier unit in required working position
- + quick and effective cleaning thanks to seamless, hygienic construction
- + integrated power or network supply
- + high load capacity
- + maximal freedom of movement (appr. 340°)

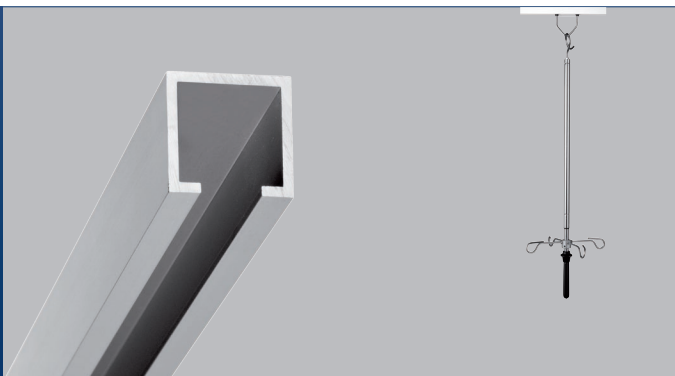
### Ceiling IV-Poles

- + guarantees a safety hanging of the infusion bottles during the patient care
- + portable and versatile: the working area around the patient can be arranged suiting the application
- + partly with central-brake (with oil-resistant handle, large grip space and soft components) at the end of the supporting tube

## ICS 1

Ceiling Rail System for gravity  
infusion

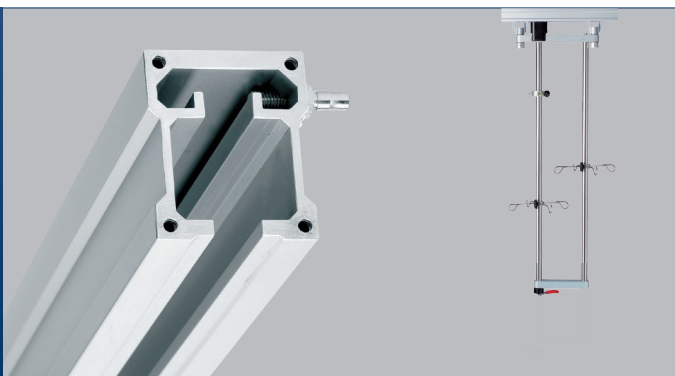
P. 116



## ICS 2

Ceiling Rail System for infusion- and  
device management

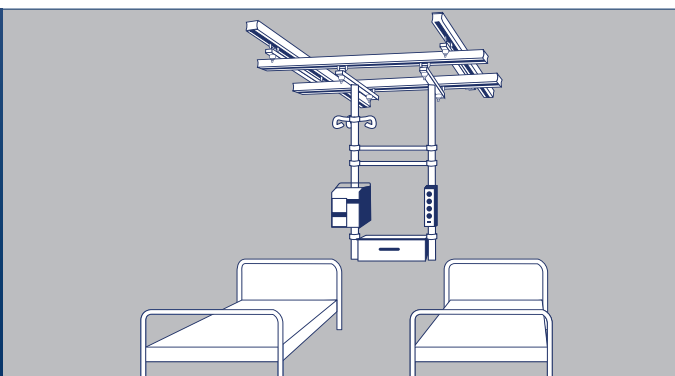
P. 120



## ICS 2 Ceiling Rail Systems

Ceiling Rail Systems „Mono-Set“ and  
„Duo-Set“

P. 122



## ICS 2 Accessories

Various accessories to  
enhance the ceiling rail system

P. 132



## ICS 3

Pivotable support arm for infusion and  
device management

P. 134





## ICS 4

Rail System with integrated power supply for infusion- and device management

P. 136



## ICS 3 + ICS 4 Accessories

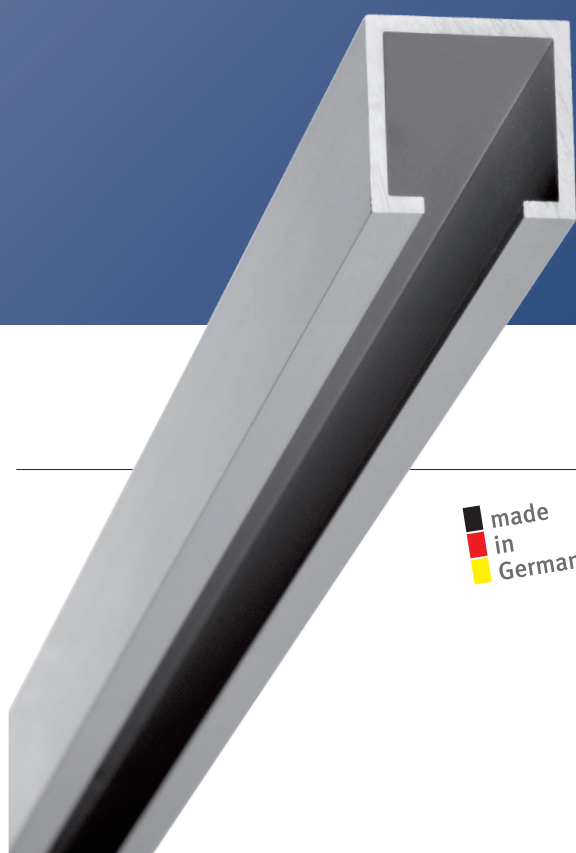
Various accessories for completion of ceiling systems

P. 138



# ICS 1

Ceiling Rail System for Gravity Infusion



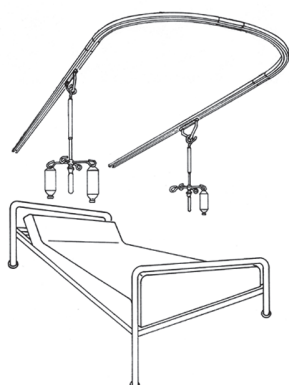
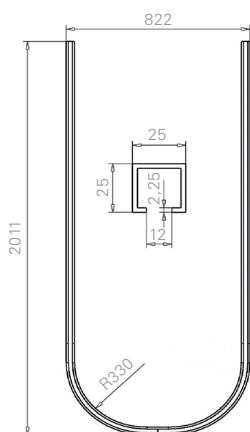
made  
in  
Germany

## Ceiling Rail Straight

+ compact, light and optical appealing profile

Material	aluminium, anodized
Profile size	25 × 25 × 2,25 mm
Length	user-defined by use of connectors (max. 4.000 mm one-piece)
Load capacity	50,0 kg / m
Weight	appr. 0,5 kg / m

D1AA0013	standard length 1.000 mm
D1AA0013-X	special lengths available on request



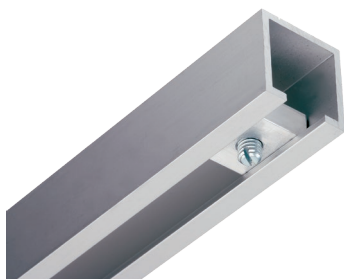
## Ceiling Rail U-Form

Material	aluminium, anodized
Profile size	25 × 25 × 2,25 mm
U-Size	appr. 2.011 × 822 mm, with 3 connectors and 2 end pieces
Weight	appr. 2,6 kg

D3FB0013	standard size
D3FB0013-X	special sizes available on request

! Instructions for installation please see p. 192





### End Piece

as end lock for the rail system

Material aluminium

Weight 0,01 kg

Z2N07002



### D-Cut

to insert the sliding hook even when the rail finishes directly at the wall

Z2N07082

! for security reasons an end piece is requested in front of the D-cut



### Connector

to connect two ceiling rails

Material stainless steel

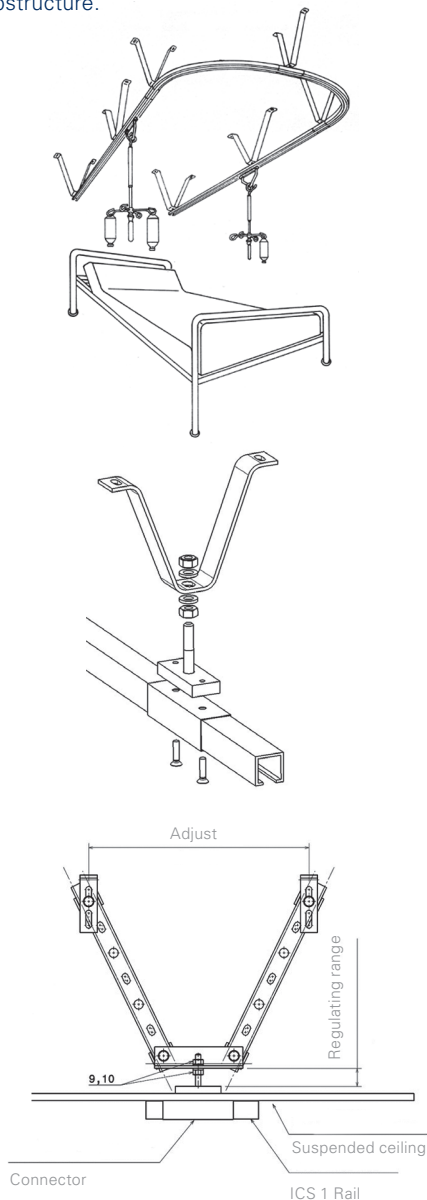
Weight 0,03 kg

Z2N07012





! When assembling the rail below suspended ceilings, we recommend to use the provita substructure.



The four part U-shaped rail system must be fastened in seven different places by substructure spacers. The order of the spacers should comply with the layout shown in the sketch - each of them 90° turned to the next one – so that a strong construction will be given in all directions. An essential requirement for security and optimal functionality of our rails is the proper and professional assembly of the spacers and rails.

Substructure spacers for distance 200 to 500 mm – Version C

	distance	weight	
Z2S07066	200 mm	appr. 0,32 kg	A cross-section diagram showing a 'Raw ceiling' at the top and a 'Suspended ceiling' at the bottom. A vertical double-headed arrow between them is labeled 'Distance'.
Z2S07076	250 mm	appr. 0,38 kg	
Z2S07086	300 mm	appr. 0,44 kg	
Z2S07096	350 mm	appr. 0,51 kg	
Z2S07106	400 mm	appr. 0,56 kg	
Z2S07116	450 mm	appr. 0,62 kg	
Z2S07126	500 mm	appr. 0,69 kg	

Substructure spacers for distance 500 to 1.000 mm – Version D

	distance	weight
Z2S07456	500 – 600 mm	appr. 1,6 kg
Z2S07466	600 – 700 mm	appr. 1,9 kg
Z2S07476	700 – 800 mm	appr. 2,2 kg
Z2S07486	800 – 900 mm	appr. 2,5 kg
Z2S07496	900 – 1.000 mm	appr. 2,8 kg
on request	> 1.000 mm	

Installation instruction

The rails are mounted to the connectors, though fastening at any other point is also possible. The pre-drilled holes in the connectors can be used as a drilling template for the rails. This guarantees an exact fit of the rails, spacers and raw ceiling. The spacers' slots can be used for both, even out irregularities during dowelling as well as in the building's ceiling. Maximum horizontal distance between 2 spacers: appr. 70 cm. The substructure spacer Version C is suitable for an intermediate ceiling up to 50 cm. While Version D can be used for intermediate ceiling higher than 50 cm.

The ceiling rails can be mounted directly to the ceiling or support structure, using the corresponding fastening materials. However, a spacer is needed for suspended ceilings. The spacers are made of galvanized steel and easy to install. They are anchored in the building's ceiling and bridge the gap between concrete and suspended ceiling, thus guaranteeing a sturdy substructure. Please specify the exact dimensions between the concrete and suspended ceiling with your inquiry or order.

# Ceiling IV-Pole

Series I1001 / I1021

- + easy and safe adjustable by single-handed safety adjustment

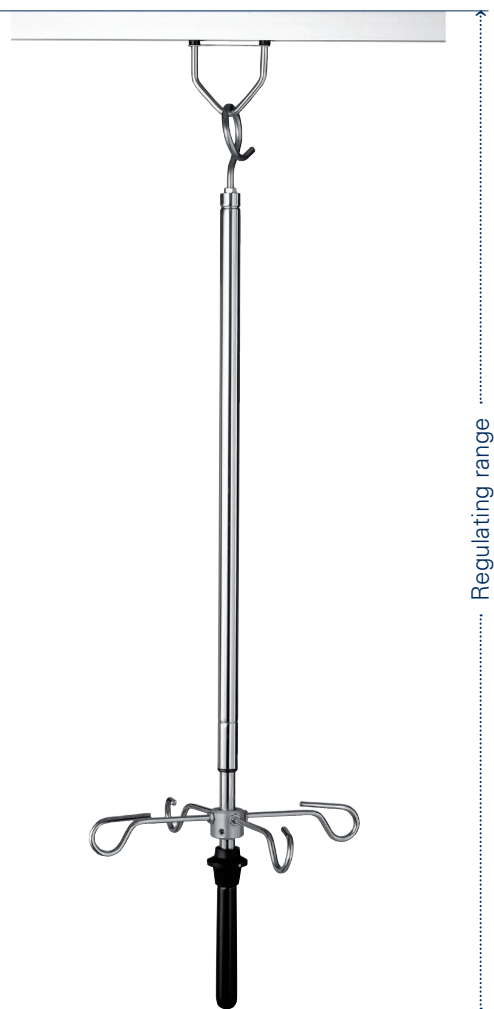
Material	stainless steel
Tube diameter	18 / 14 mm
Bottle holder	stainless steel 4 safety hooks
Max. load capacity	2,0 kg / hook, 15,0 kg / sliding hook, 15,0 kg / IV-Pole
Height adjustment	single-handed height adjustment



base version	thread*	room height	regulating range	weight
I1001252	I1021252	2,5 m	730 – 1.020 mm	appr. 0,7 kg
I1001272	I1021272	2,7 m	830 – 1.220 mm	appr. 0,75 kg
I1001292	I1021292	2,9 m	930 – 1.420 mm	appr. 0,8 kg
I1001312	I1021312	3,1 m	1.030 – 1.620 mm	appr. 0,85 kg
I1001332	I1021332	3,3 m	1.130 – 1.820 mm	appr. 0,9 kg
I1001352	I1021352	3,5 m	1.230 – 2.020 mm	appr. 0,95 kg

Series I1001

Series I1021 \*) with thread for pump holder (Z2N06342)



Ceiling Infusion Systems

## Sliding Hook

only for ICS 1 rail, to hang the IV-Pole into the rail

Material	stainless steel
Weight	appr. 0,05 kg

Z2N07032



## Holder for Infusion-Pumps

to be screwed on the lower part of the handle

Material	stainless steel
Locking ring	prevents the devices from sliding-off
Weight	appr. 0,9 kg

Z2N06342



## Ceiling Hook

to mount an IV-Pole at a fixed point, a rail is not necessary in this case

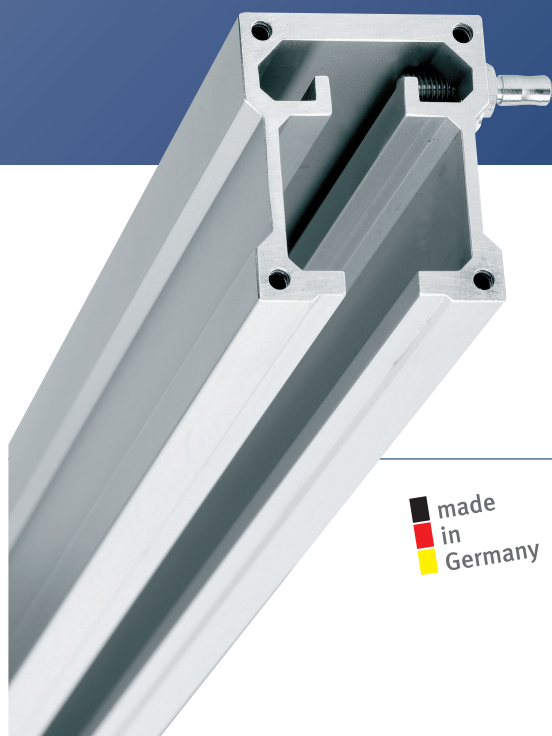
Material	stainless steel
Weight	appr. 0,05 kg

Z2N07022

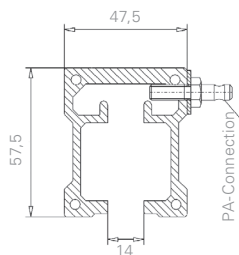


# ICS 2

Rail System for Infusion- and Device Management



 made  
in  
Germany



## Ceiling Rail Straight

**+ sturdy, high-grade profile for high loads**

Material	aluminium
Profile size	57,5 × 47,5 × 5 mm
Length	user-defined by use of connectors (max. 4.000 mm one-piece)
Load capacity	80,0 kg / m
Weight	appr. 2,4 kg / m

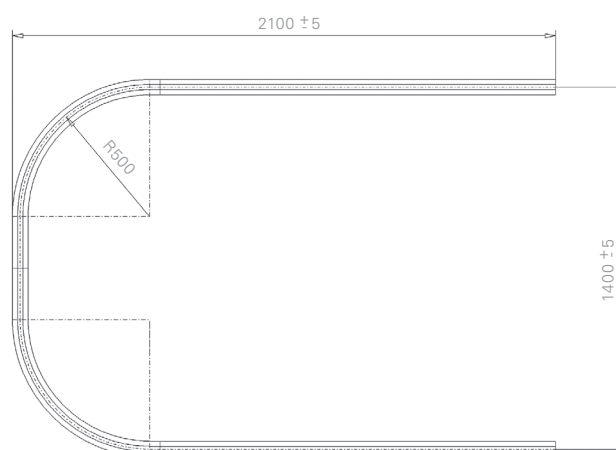
D1AA001W	standard length 1.000 mm, anodized
D1AA001W-X	special lengths available on request, anodized
D1AA001A	standard length 1.000 mm, colour white, coated
D1AA001A-X	special lengths available on request, colour white, coated

**!** Instructions for installation please see p. 192

# Ceiling Rail U-Form

Material	aluminium
Profile size	57,5 × 47,5 × 5 mm
U-Size	2.100 × 1.400 mm (additional sizes available, the minimum width of 1.200 mm is given by the radius)
Features	incl. 2 end caps and 3 connectors, incl. grounding pin at the end of the rail
Weight for standard length	appr. 3,7 kg

D3FB001W	standard size, anodized
D3FB001W-X	special sizes available on request, anodized
D3FB001A	standard size, colour white, coated
D3FB001A-X	special sizes available on request, colour white, coated



## End Cap

rail end cap, with screws

Material	plastic
Weight	appr. 0,02 kg

Z2N07122



## End Piece

end-lock for rails, prevents the drop-out of IV-poles at D-cut sections

Material	aluminium
Weight	appr. 0,01 kg

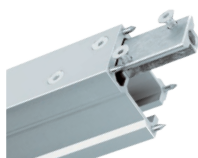
Z2N07112



## D-Cut

to adapt the carrier unit on in-ground (embedded) or close-fitting rails, for safety reasons an end piece has to be used in front of the the D-cut

Z2N07102



## Connector

to connect two ceiling rails, premounted the rail's pins guarantee a precise and smooth connection

Material	aluminium
Weight	appr. 0,05 kg

Z2N07062





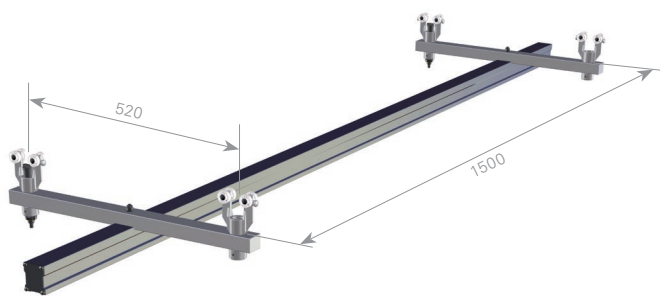
## ICS 2 „Mono-Set“

+ moveable and versatile: working area near the patient, can be arranged in an user-friendly way

Material	aluminium
Number of ceiling rails	2 rails (parallel) + 1 connecting rail
Length of supporting rail	2.500 mm
Length of connecting rail	2.500 mm
Profile size	57,5 × 47,5 × 5 mm

D2MONOSA	white, coated
D2MONOSW	anodized

## „Mono“ Supporting rail



Material	aluminium
Suitable	for parallel ceiling rail systems
Bearing	16 nylon-ball-bearing (4 pieces in each carrier unit)
Length of supporting rail	2.500 mm

D400002A	white, coated
D400002W	anodized

## ICS 2 „Duo-Set 1“

+ stable wall rail carrier, moveable in two directions

Material	aluminium
Number of ceiling rails	2 rails (parallel)
Length of ceiling rails	each 2.500 mm
Profile size	57,5 × 47,5 × 5 mm
Ceiling device	duorail 1 with each 2 tandem carrier units
Equipment of ceiling device	variable

D2DUOS1A	white, coated
D2DUOS1W	anodized





## ICS 2 „Duo-Set 2“

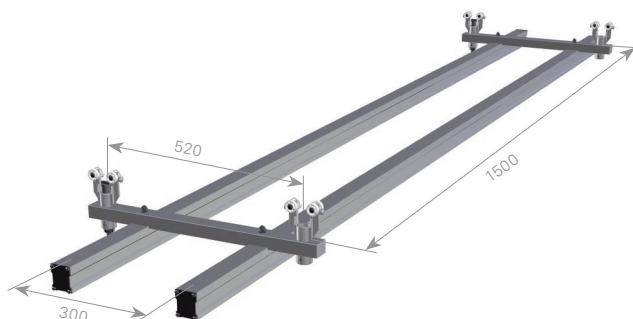
+ stable wall rail carrier, moveable in all directions

Material	aluminium
Number of ceiling rails	2 rails (parallel)
Length of ceiling rails	variable
Profile size	57,5 × 47,5 × 5 mm
Distance between ceiling rails	depends on the length of connecting rails
Number of connecting rails	2 rails (parallel)
Length of connecting rails	2.500 mm
Length of supporting rail	2.500 mm
D2DUOS2A	white, coated
D2DUOS2W	anodized

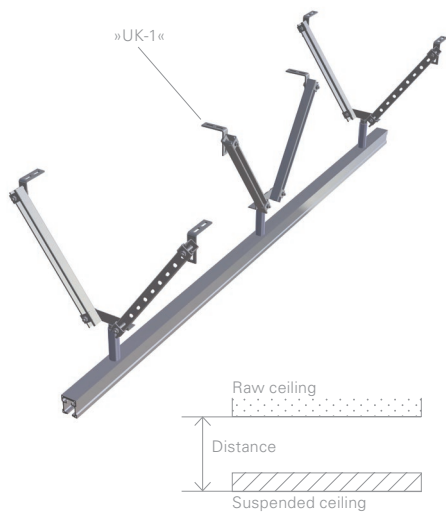


## „Duo“ Supporting rail

Material	aluminium
Suitable	for parallel ceiling rail systems
Bearing	16 nylon-ball-bearing (4 pieces in each carrier unit)
Length of supporting rail	2.500 mm
D400012A	white, coated
D400012W	anodized



! When assembling the rail below suspended ceilings, we recommend to use the provita substructure.



Subconstruction Spacers for Straight Rail

on straight rails, each 800 mm, a single subconstruction »UK-1« is required

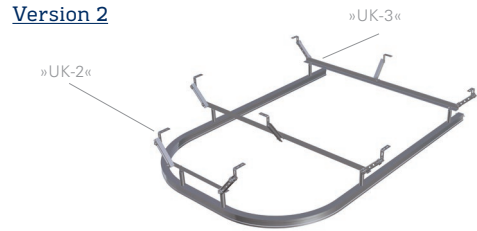
»UK-1«	»UK-2«	»UK-3«	distance
Z2S07266	Z2S07736	Z2S07886	250–300 mm
Z2S07676	Z2S07746	Z2S07896	300–350 mm
Z2S07686	Z2S07756	Z2S07906	350–450 mm
Z2S07696	Z2S07766	Z2S07916	400–550 mm
Z2S07716	Z2S07776	Z2S07926	550–760 mm
Z2S07726	Z2S07786	Z2S07936	760–1.000 mm
on request			> 1.000 mm

! \*Additional product information on provita subconstructions on request.

Version 1



Version 2



Subconstruction Spacers for U-Rail

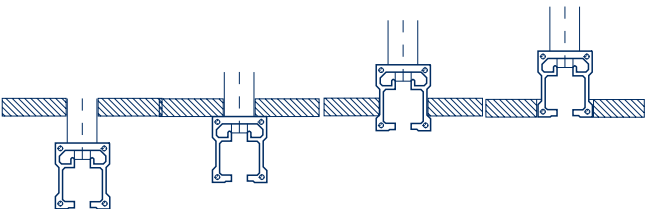
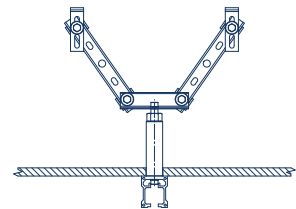
Version 1: on each standard U-rail 4 subconstructions »UK-1« and 1 subconstruction »UK-2« spacers are required

Version 2: on each standard U-rail 2 subconstructions »UK-3« and 1 subconstruction »UK-2« spacers are required

item codes see above

Mounting solutions

+ the rail can be mounted in different levels: with distance to false ceiling, directly below the false ceiling or flat to the false ceiling



Installation instruction

The subconstruction for the systems ICS 2 consist of galvanized steel perforated sections in a V-shaped order. Its parts are permanently screwed together. Irregularities in the building and suspended ceilings can be compensated with slots. Each of the spacers should be turned 90° to the next one, so that a strong construction will be given in all directions. The load bearing capacity of each mounting point should be at least 80 kg. The maximum distance between two spacers should not be more than 80 cm.

# Overview Ceiling IV-Poles ICS 2

**for gravity infusion with max. 1 infusion pump**  
Series 11001 / 11021 (see p. 126)

**for gravity infusion with max. 1 infusion pump**  
Series 11002 / 11022 (see p. 127)

**for gravity infusion with max. 1 infusion pump**  
Series 11003 (see p. 128)

**for infusion- and device management**  
Series 1205 (see p. 129)

**for infusion- and device management**  
Series 1206 (see p. 130)

**for infusion- and device management**  
Series 1207 (see p. 130)

**for complex device management**  
Series 1010 (see p. 131)

- \* Telescopic Ceiling IV-Pole to hang on a ceiling rail system or an easy mount direct on the ceiling
- \* Telescopic Ceiling IV-Pole on a Carrier Unit with an integrated automatic-lock and permanent sliding brake
- \* Telescopic Ceiling IV-Pole on a Tandem Carrier Unit with an integrated bearing and integrated brake-system
- \* Ceiling Pole on a Tandem Carrier Unit with 4-times integrated brake-system
- \* Two stable Ceiling Poles on a Tandem Carrier Unit with 4-times bearing and rated brake-system
- \* Two stable Ceiling Poles on a Tandem Carrier Unit with an integrated brake-system and Venotonometer rod
- \* Two stable support tubes on two Tandem Carrier Units with permanent (adjustable) and conductive sliding brake

Series I1001 / I1021

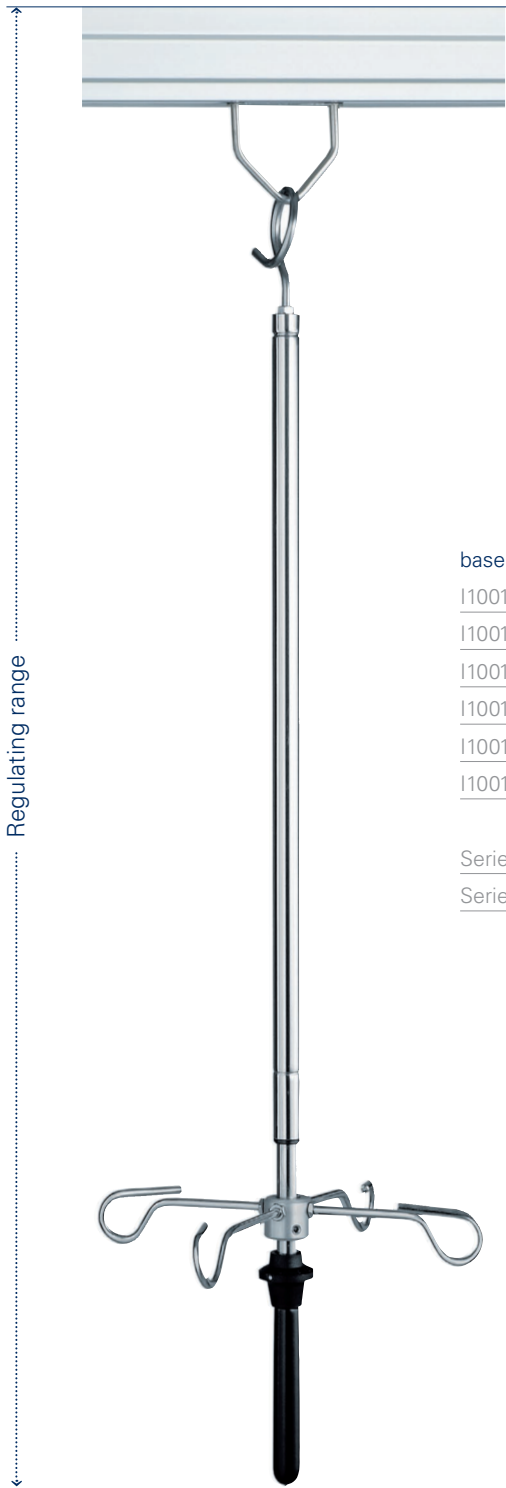
- + stepless safety height adjustment through use of single-handed height adjustment
- + easy mounting of the IV-pole into the sliding hook



Material	stainless steel
Tube diameter	18 / 14 mm
Height adjustment	single-handed safety height adjustment
Bottle holder	stainless steel 4 safety bottle hooks
Max. load capacity	2,0 kg / hook, 15,0 kg / sliding hook, 15,0 kg / IV-pole

base version	thread*	room height	regulating range	weight
I1001252	I1021252	2,5 m	730 – 1.020 mm	appr. 0,7 kg
I1001272	I1021272	2,7 m	830 – 1.220 mm	appr. 0,75 kg
I1001292	I1021292	2,9 m	930 – 1.420 mm	appr. 0,8 kg
I1001312	I1021312	3,1 m	1.030 – 1.620 mm	appr. 0,85 kg
I1001332	I1021332	3,3 m	1.130 – 1.820 mm	appr. 0,9 kg
I1001352	I1021352	3,5 m	1.230 – 2.020 mm	appr. 0,95 kg

Series I1001	
Series I1021	*) with thread for pump holder (Z2N06342)



## Series I1002 / I1022

- + suitable for infusion bottles and max. one infusion pump
- + horizontal position of IV-Pole once brake is correctly set up under tension

Material	stainless steel / aluminium
Tube diameter	18 / 14 mm
Height adjustment	single-handed height adjustment
Bottle holder	stainless steel 4 safety bottle hooks
Max. load capacity	2,0 kg / hook, 15,0 kg / IV-pole, 20,0 kg /
	Rolling unit
Features	carrier unit with automatic locking device and permanent sliding brake
Bearing	4 low-noise nylon bearings

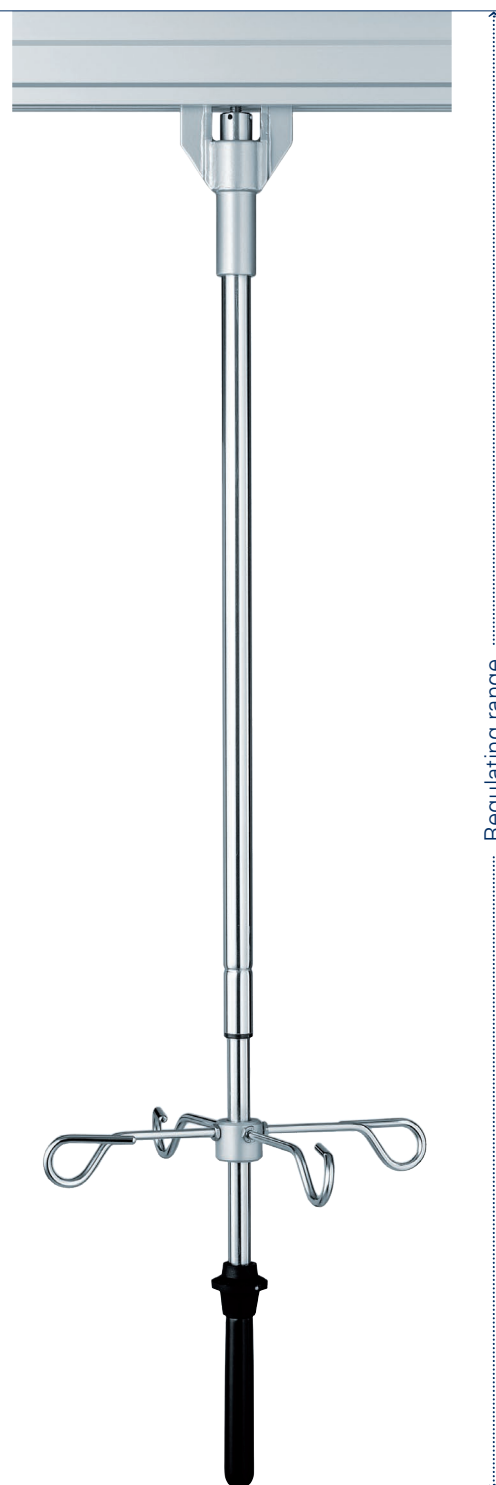


base version	thread*	room height	regulating range	weight
I1002252	I1022252	2,5 m	730 – 1.020 mm	appr. 0,75 kg
I1002272	I1022272	2,7 m**	830 – 1.220 mm	appr. 0,8 kg

Series I1002

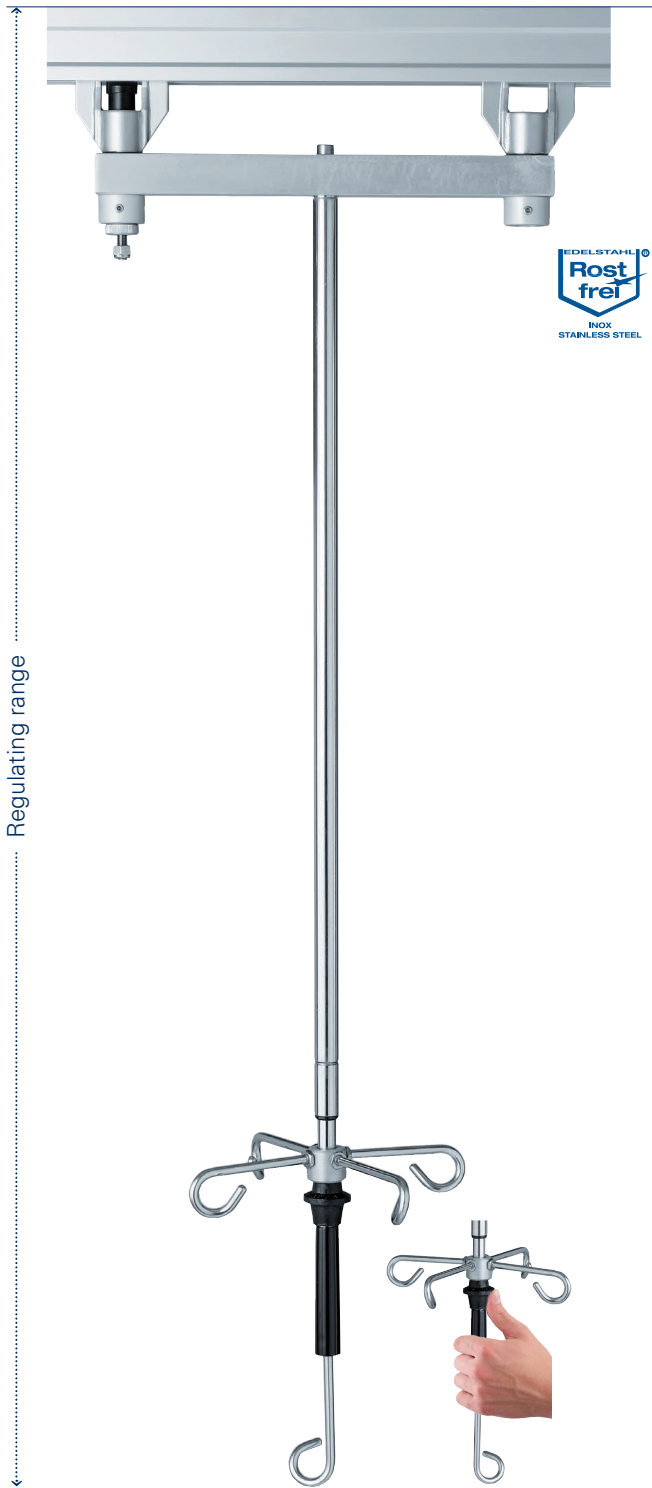
Series I1022 \*) with thread for pump holder (Z2N06342)

\*\* Series I1002 / I1022 is not designed for an often change of positions but primarily for use in a one-stable position. In order to move the pole, it has to be pulled down with both hands and intentionally move. For more moveability and especially for high rooms, we do recommend the poles of our Series I103.





# Series I103



- + hygienic surface through high polished gloss stainless steel material
- + integrated, permanent sliding brake prevents the IV-Pole from dislocating

Material	stainless steel / aluminium
Tube diameter	18 / 14 mm
Height adjustment	single-handed height adjustment
Bottle holder	stainless steel 5 safety bottle hooks
Max. load capacity	3 kg / hook, 15 kg / IV-pole, 40 kg / Rolling unit
Features	variable use on tandem carrier unit, permanent sliding brake integrated into the carrier unit
Bearing	8 low-noise nylon bearings

	room height	regulating range	weight
I1032252	2,5 m	800 – 1.070 mm	appr. 2,35 kg
I1032272	2,7 m	900 – 1.270 mm	appr. 2,4 kg
I1032292	2,9 m	1.000 – 1.470 mm	appr. 2,45 kg
I1032312	3,1 m	1.100 – 1.670 mm	appr. 2,5 kg
I1032332	3,3 m	1.200 – 1.870 mm	appr. 2,55 kg
I1032352	3,5 m	1.300 – 2.070 mm	appr. 2,6 kg



## Series I205

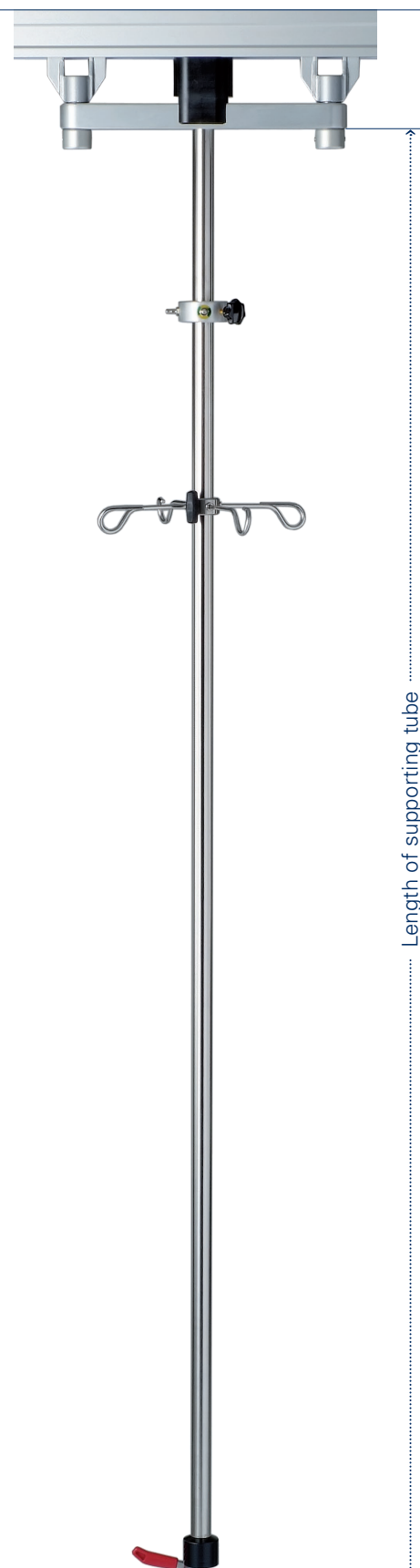
- + range of use extended by use of an integrated brake system in the carrying pole
- + good running capacities by tandem carrier unit

Material	stainless steel / aluminium
Tube diameter	25 mm
Tandem carrier	secure positioning by integrated brake-system
Bottle holder	stainless steel 4 safety bottle hooks, height adjustable
Max. load capacity	2 kg / hook, 40 kg / IV-pole
Features	incl. ground ring, distance to floor 802 mm, range of use 1.160 mm
Bearing	8 low-noise nylon bearings

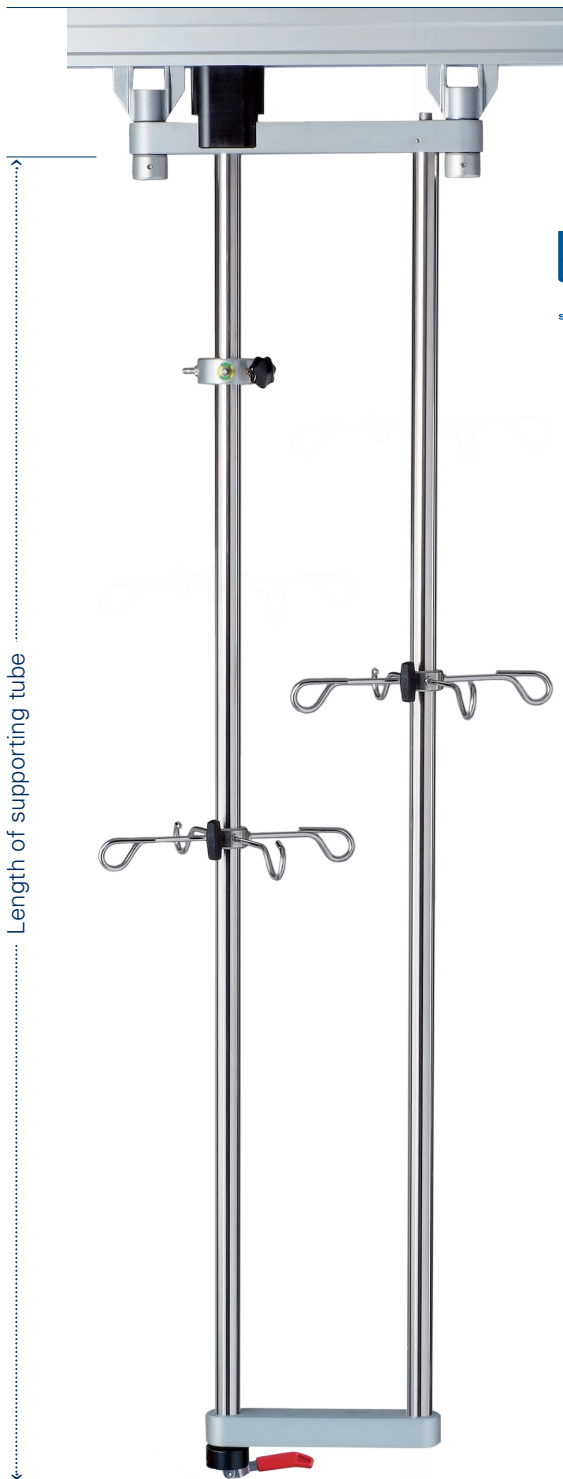


	room height	length of supp. tube	weight
I2052592	2,5 m	1.550 mm	appr. 3,5 kg
I2052792	2,7 m	1.750 mm	appr. 3,75 kg
I2052992	2,9 m	1.950 mm	appr. 4,0 kg
I2052312	3,1 m	2.150 mm	appr. 4,25 kg

- + high-grade 4-times bearing support with conductive central-brake



## Series I206 / I207



+ safe and stable positioning by use of an integrated brake system in one of the carrying poles

+ additional tube for further devices

Material	stainless steel / aluminium
Tube diameter	25 mm
Tandem carrier	secure positioning by integrated brake-system
Bottle holder	2 pieces, stainless steel 4 safety bottle hooks, height adjustable
Max. load capacity	2 kg / hook, 40 kg / IV-pole
Features	incl. grounding ring
Bearing	8 low-noise nylon bearings

Series I206	room height	length of supp. tube	weight
I2062592	2,5 m	1.550 mm	appr. 6,3 kg
I2062792	2,7 m	1.750 mm	appr. 6,7 kg
I2062992	2,9 m	1.950 mm	appr. 7,1 kg
I2062312	3,1 m	2.150 mm	appr. 7,5 kg

Series I207	room height	length of supp. tube	weight
I2072592	2,5 m	1.350 mm	appr. 6,5 kg
I2072792	2,7 m	1.550 mm	appr. 6,9 kg
I2072992	2,9 m	1.750 mm	appr. 7,3 kg
I2072312	3,1 m	1.950 mm	appr. 7,7 kg

with Venotonometer rod for a positioning of the pressure line at the thorax level



## Series I010

+ suitable for very heavy medical devices

+ available for Monorail and Duorail

Material	stainless steel / aluminium
Tube diameter	25 mm
Tandem carrier	with automatic brake-system and sliding brake
System capacity	max. 40 kg (Monorail) max. 80 kg (Duorail)
Load capacity of shelf	max. 40 kg
Features	at the Duorail-version, the carrier unit runs in 2 parallel ceiling rails (distance in-between = 300 mm), a lateral swinging is prevented
Bearing	8 low-noise nylon bearings (Monorail) 16 low-noise nylon bearings (Duorail)
Total weight (net weight)	on request

### Monorail

for 1 ceiling rail (not shown)

with one device shelf	with two device shelves	
I0100002	I0100022	usable surface 640 × 340 mm
I0100012	I0100032	usable surface 440 × 340 mm

### Duorail

for 2 parallel ceiling rails (see pict. on top)  
rail-to-rail distance: 300 mm

with one device shelf	with two device shelves	
I0100062	I0100042	usable surface 640 × 340 mm
I0100072	I0100052	usable surface 440 × 340 mm



examples of use Monorail



# ICS 2 Accessories

Rail System for Infusion- and Device Management



## Sliding Hook

for ICS 2 rail, to hang the IV-pole into the rail

Material	stainless steel / plastic
Weight	appr. 0,06 kg
For series	I1001 / I1021

Z2N07322



## Safety Bottle Holder

for round tube Ø 25 mm, height adjustable, 4 safety bottle hooks (not for subsequent adaption)

Material	stainless steel / plastic
Load capacity	2 kg / hook
Weight	appr. 0,25 kg

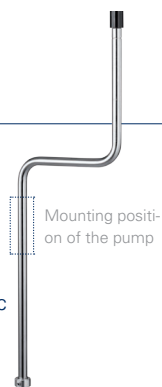
Z2N06322

## Infusion Pump Holder

to be screwed from underneath into the pole handle, for one infusion pump; center of gravity remains underneath suspension, so that the IV-Pole remains vertical

Material	stainless steel / plastic
Weight	appr. 0,9 kg
For series	I1021 / I1022 / I103

Z2N06342



## Infusion Pump Holder

for round tube Ø 25 mm, height adjustable, for two pumps (not for subsequent adaption)

Material	stainless steel / plastic
Weight	appr. 0,95 kg
For series	I205 / I206 / I207

Z2N06312





## Medical Rail

double, 25 × 10 mm, for ceiling carrier unit series I010, with 2 clamps for round tube Ø 25 mm

Material	stainless steel / aluminium
Weight	appr. 0,95 kg / appr. 1,1 kg

Z2N07212	length 400 mm
Z2N07202	length 600 mm



## Monitor Support Arm

for monitors » PHILIPS « IntelliVue MP5-70 and MX400-800

Max. load capacity	23,0 kg
Max. monitor weight	14,0 kg
Arm length	250 mm
Swivel range wall-side	±90°
Swivel range monitor-side	±90°
Tilt range	±20°
Colour	RAL 7035 light grey

to mount on medical rail

	Weight
Z-DOCK64	appr. 2,55 kg

to mount on round tube Ø 35–38 mm

Z-DOCK65	appr. 2,61 kg
----------	---------------

for additional monitor arms see [www.provita.de](http://www.provita.de) and page 183



## Grounding Ring

for round tube Ø 25 mm, for ceiling IV-Pole and ceiling carrier unit

Material	aluminium
Grounding Ring	with 4 connecting pins
Adjustment	through star-handle
Weight	appr. 0,2 kg

Z2N07072	
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## Cable Carrier

for carrying power supply and grounding cables in the rail

Material	plastic
Weight	appr. 0,1 kg

Z2K06354	
----------	--

! Recommendation: 1 cable carrier / 1 m cable length



## Basket with clamp

for wall rail 25 × 10 mm

Material	steel, powder coated / aluminium
Colour	light grey
Size	250 × 90 × 200 mm
Weight	appr. 1,7 kg

Z2S0665N	
----------	--



## Device Shelf

with 2 clamps for round tube Ø 25 mm, for ceiling carrier unit Series I010

Material	aluminium, coated
Weight	appr. 4,4 kg / appr. 5,7 kg

Z2N07252	440 × 340 mm
Z2N07262	640 × 340 mm



## Lamps

for further lamps please see column lamps

# ICS 3

Pivotal Support Arm for Infusion- and Device Management



## Support System



- + pivotable, ceiling mounted carrier system to hold infusion devices and accessories
- + optimum utilization of the space and maximal freedom of movement next to the patient
- + the three rotating joints at the ceiling arm allow the unit to be moved to a desired position or to be returned into its parking position

Material	2 stainless steel tubes Ø 25 mm and 2 stainless steel medical rails 25 x 10 mm (support frame), 6 aluminium-clamps
Bottle holder	stainless steel 2 bottle holders, each 3 safety bottle hooks
Max. load capacity	5 kg / hook, 40 kg / system
Angle of rotation	320°
Working radius	Ø 1.800 mm
Features	distance frame to floor appr. 1.000 – 1.200 mm at clearance room heights shown on the right

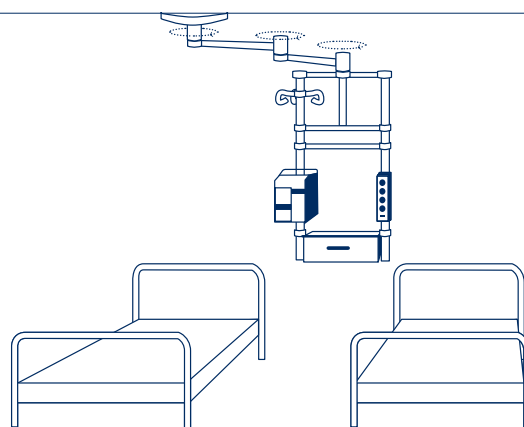
	room height	total weight (net weight)
Z2N02252	2,5 – 2,7 m	appr. 45 kg
Z2N02272	2,7 – 2,9 m	appr. 50 kg
Z2N02292	2,9 – 3,1 m	appr. 55 kg

! Instructions for installation please see p. 192



## Basic Equipment

Grounding ring	with 4 connection pins P0AG S6/15
Spacer discs	for vertically straight fixing
Insulation sleeves	to electrically separate the carrier system from the raw ceiling
Multiple socket outlet	4-fold (optional lockable)
Power supply	integrated into the support arm
Fastening material /	
Ceiling Cover	not included in the delivery



The type of mounting needs to be evaluated on site. The ceiling mounting plate has a diameter of 300 mm and it is provided with 8 pre-drilled holes. To specify all technical details we would kindly ask you to provide a sectional drawing of the room. Our sales representatives and engineers would be glad to be of support if needed.

for product-in-use-picture  
see page 140



# ICS 4

Rail System with Integrated Power Supply for  
Infusion- and Device Management



## ICS 4 System



- + high-grade rail profile with abrasion-resistant surface and extremely smooth running support rollers
- + the carrier unit can be easily moved thanks to the high quality roller guide
- + the integrated low noise power supply chain moves automatically when the carrier is moved
- + brake system locks the carrier unit in the required working position

Profile size	300 × 120 mm
Profile length	2.500 mm
Colour of profile	white
Power feed	integrated into the profile
Profile material	aluminium / sheet steel coated
Total load capacity	
of the rail	100,0 kg
Manageable cables	power and network supply
Weight of rail	appr. 30,0 kg

D425000A

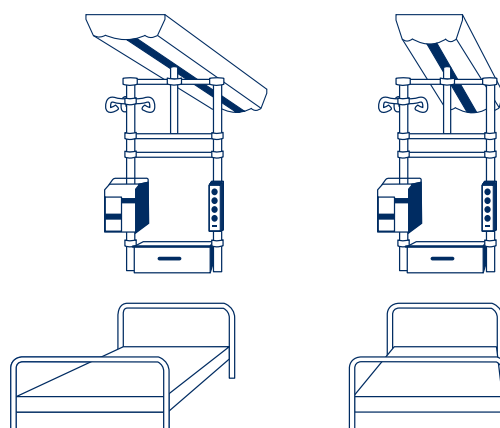


! Instructions for installation please see p. 192

## Shelf

- + device carrier of high-gloss polished stainless steel tubes and coated aluminium parts
- + quick and effective cleaning thanks to seamless, hygienic construction

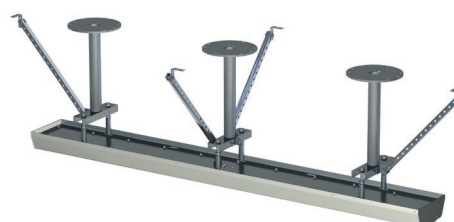
Material	stainless steel
Number of support tubes	2
Dimensions of supporting tube	25 × 800 mm
Rotation angle of carrier unit	appr. 340°
Total load capacity of the carrier unit	80,0 kg
Number of support rollers	4
Diameter support rollers	60 mm
Material support roller	PU
Brake system	integrated into the carrier unit
Position of the brake lever	underneath multi-equipment carrier



## integrated cable run



## spacer to bridge suspended ceilings





# Accessories

## ICS 3 + ICS 4



### Ceiling cover for ICS 3

with fixing ring

Material	plastic
Colour	white
Diameter	320 mm
Height	85 mm
Weight	appr. 0,5 kg

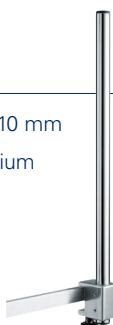
Z2K0699A

### Holder for Pumps

with medical rail clamp, to attach to wall rails 25 × 10 mm

Material	stainless steel / aluminium
Tube diameter	25 mm
Length	500 mm
Total weight (net weight)	appr. 0,65 kg

Z2N07162



### Support arm variable height

for monitors with universal adapter (GE, Dräger, ...)

bottom side assembling

Load capacity	3–10 kg
Arm length	300 mm
Swivel-range wall-side	±80°
Swivel-range monitor-side	±90°
Tilt range	±15°
Adjusting range of height adjustment	460 mm
Colour	RAL 7035 light grey

to mount on medical rail

Weight	
Z-DOCK72	appr. 5,97 kg

to mount on round tube Ø 25-42 mm

Weight	
Z-DOCK74	appr. 6,14 kg

for additional monitor arms see [www.provita.de](http://www.provita.de) and page 182



### Monitor Shelf without Drawer

with two wall-rail clamps and wall supports, with edge-guard

Material	stainless steel / steel, white coated
Shelf dimensions	540 × 360 mm
Max. load capacity	40 kg
Weight	appr. 6,0 kg
optional	with 1 or 2 drawers

Z2N07442



### Glass Monitor Shelf with Drawer

drawer, fully extendable, with two medical rail clamps and wall supports, with edge-guard

Material shelf	safety-glass, non-transparent
Material drawer	steel, white coated
Shelf dimensions	540 × 400 mm
Drawer size	420 × 320 mm
Drawer colour	safety rubber edging

		weight
Z2N07932	with 1 drawer	appr. 10,1 kg
Z2N07942	with 2 drawers	appr. 14,7 kg



### Basket with clamp

for medical rail 25 × 10 mm

Material	steel, coated / aluminium
Colour	light grey
Size	250 × 90 × 200 mm
Total weight (net weight)	appr. 1,7 kg

Z2S0665N

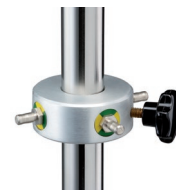


### Shelf

with two medical rail clamps, with edge-guard

Material	stainless steel /aluminium
Shelf dimensions	300 × 250 mm
Max. load capacity	4,0 kg
Weight	appr. 2,75 kg

Z2N07332



### Grounding Ring

for round tube Ø 25 mm, for ceiling IV-Pole and ceiling carrier unit

Material	aluminium
Weight	appr. 0,2 kg
Grounding Ring	with 4 connecting pins
Adjustment	through star-handle

Z2N07072



### Safety Bottle Holder

for round tube Ø 25 mm, height adjustable, 4 safety bottle hooks, (not for subsequent adaption)

Material	stainless steel
Total weight (net weight)	2 kg / hook
Weight	appr. 0,25 kg

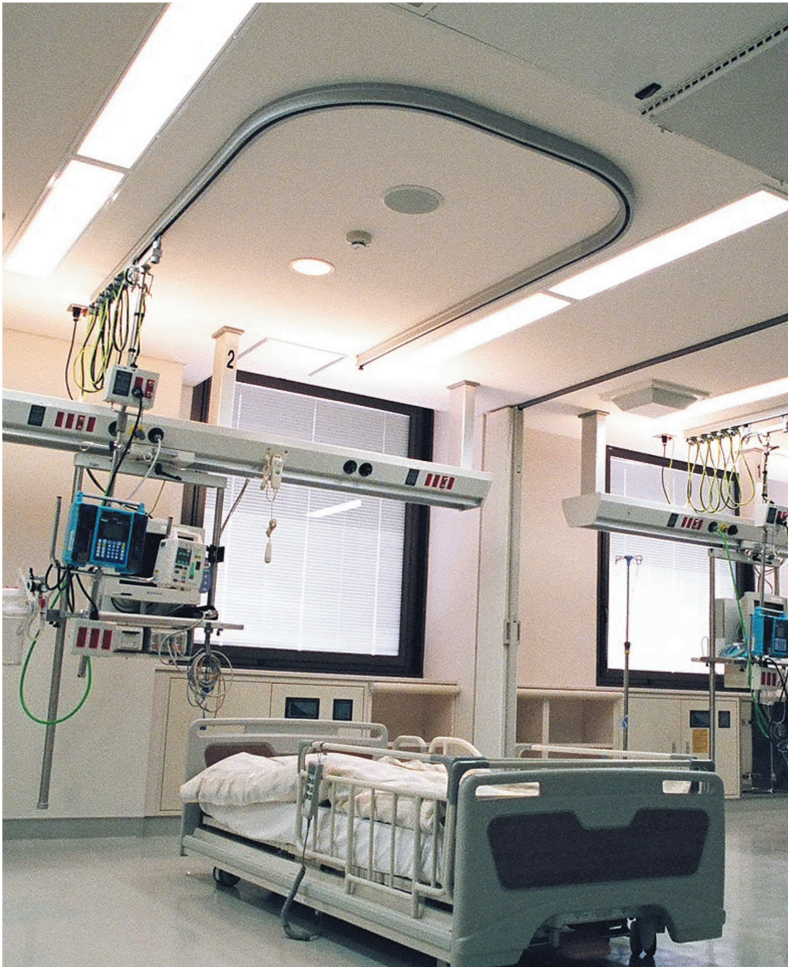
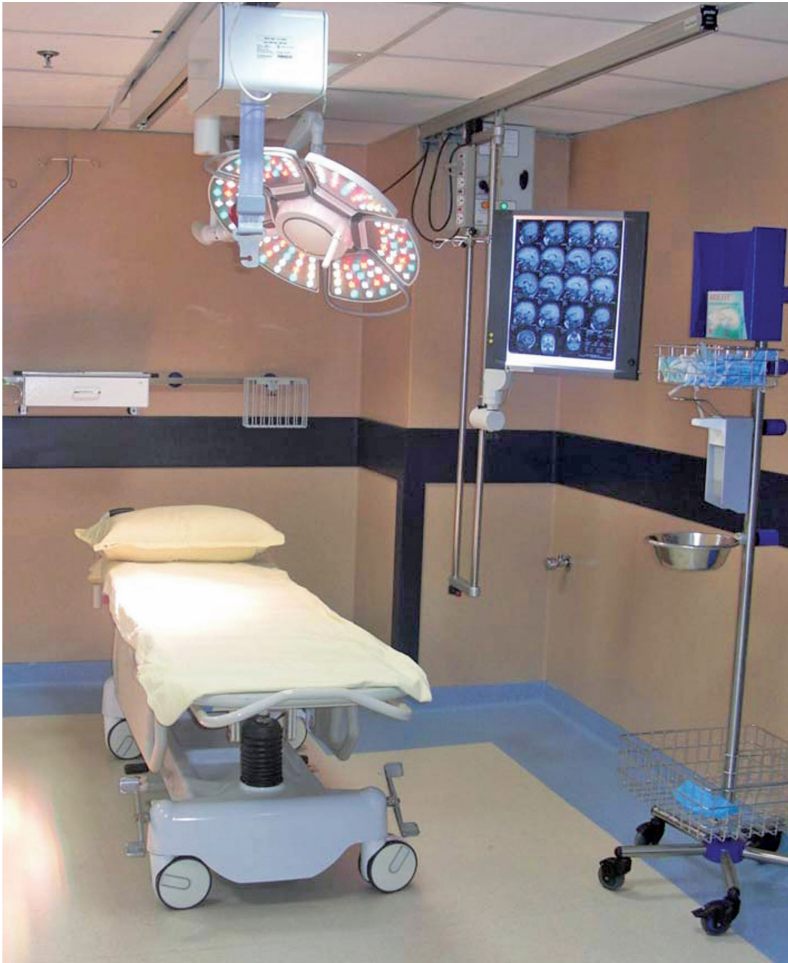
Z2N06322



### Lamps

for further lamps please see column lamps

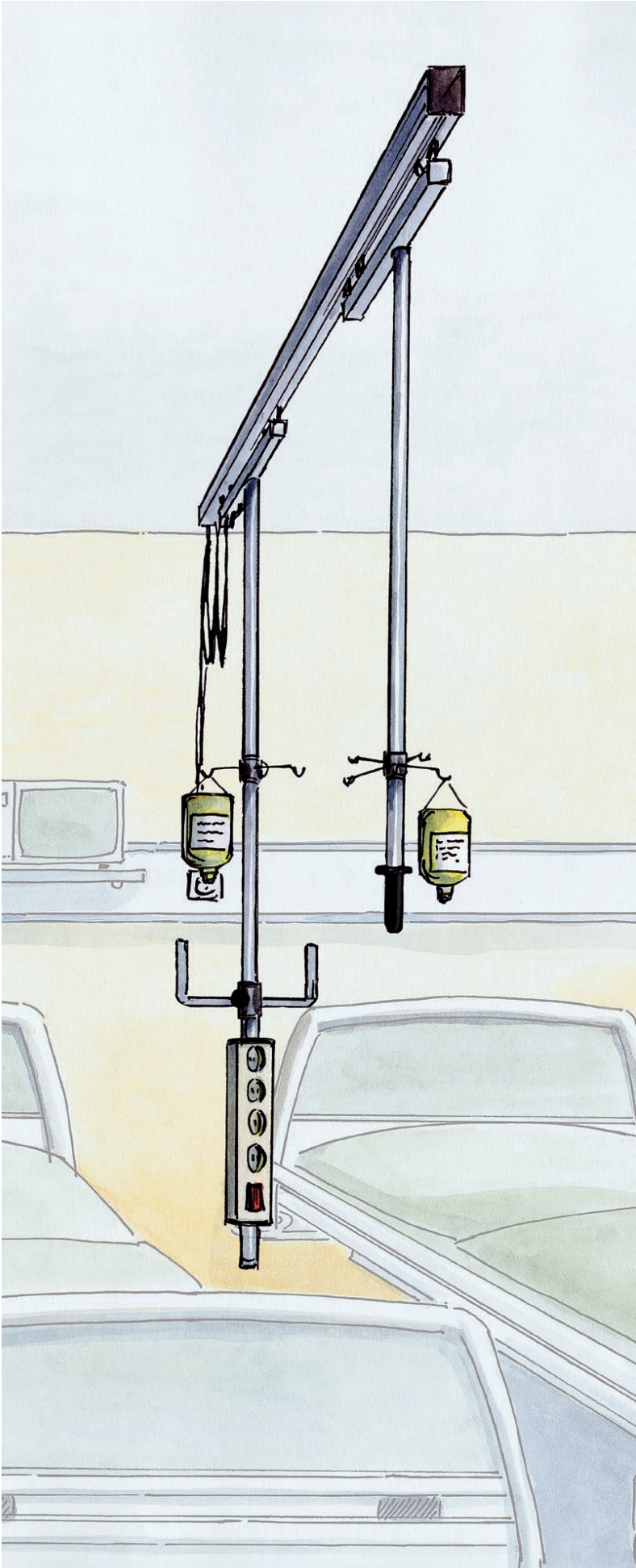
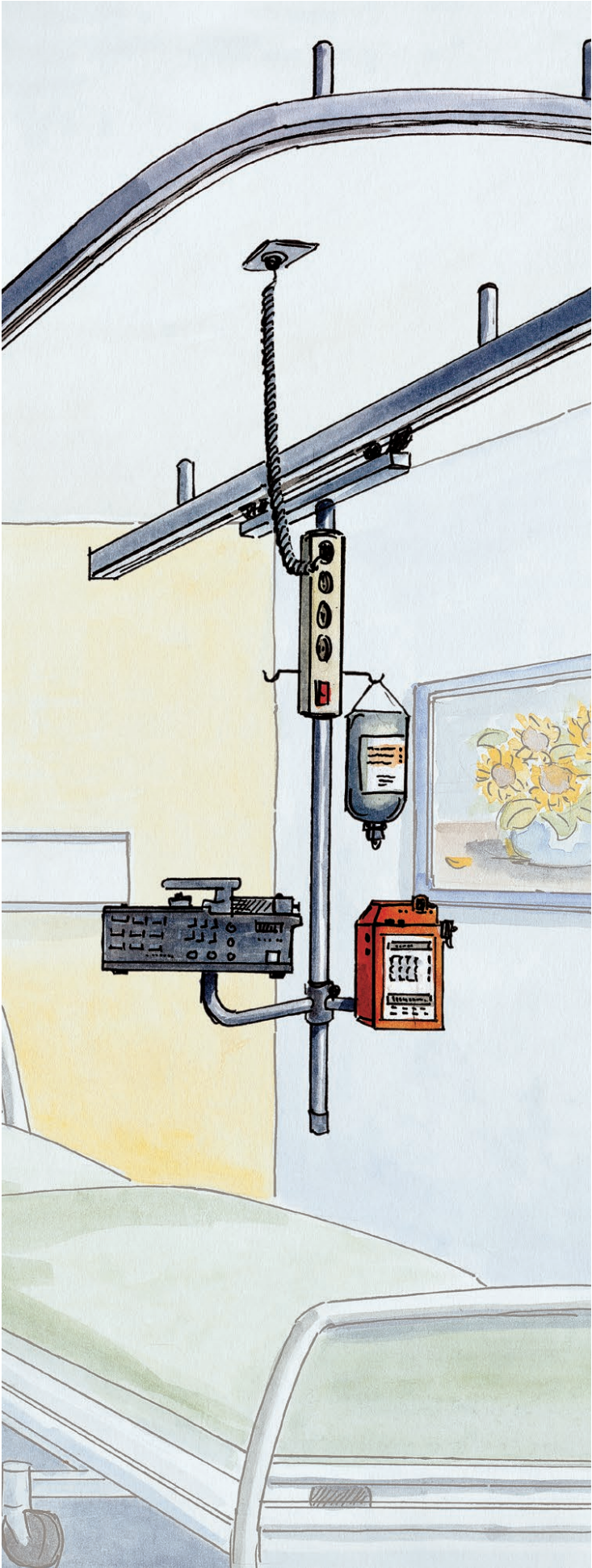




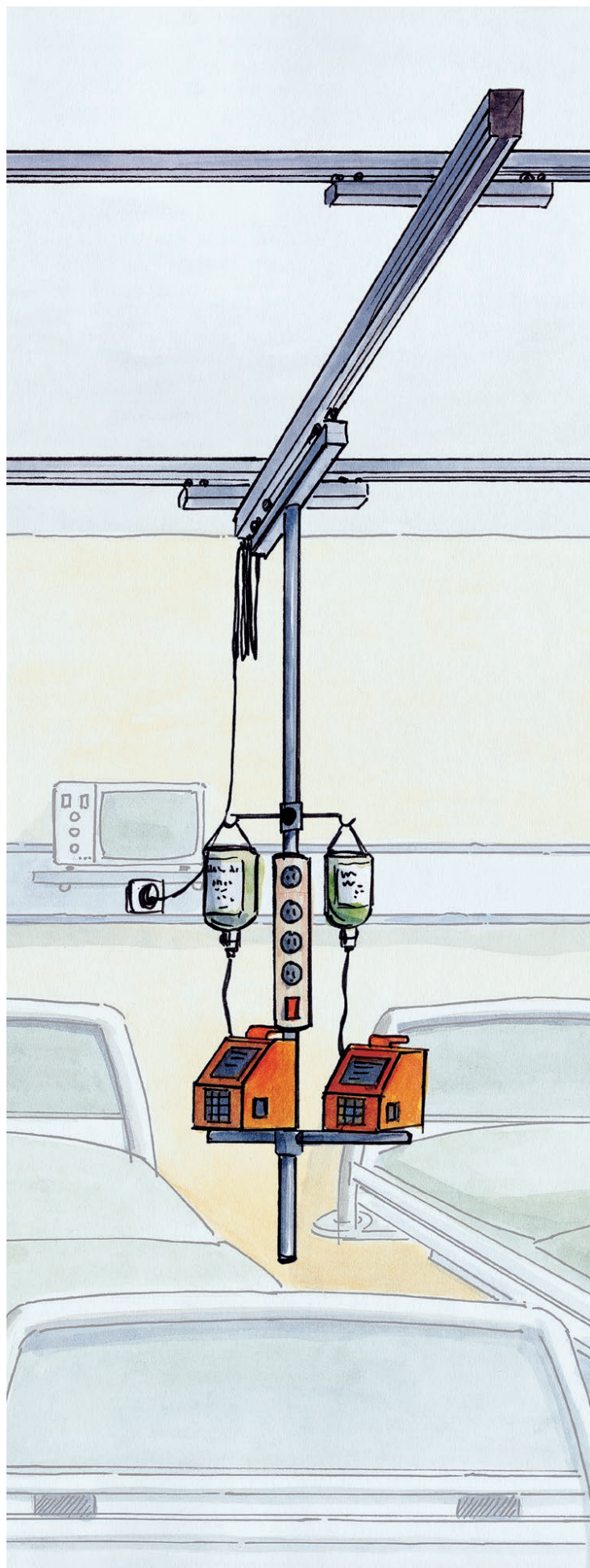
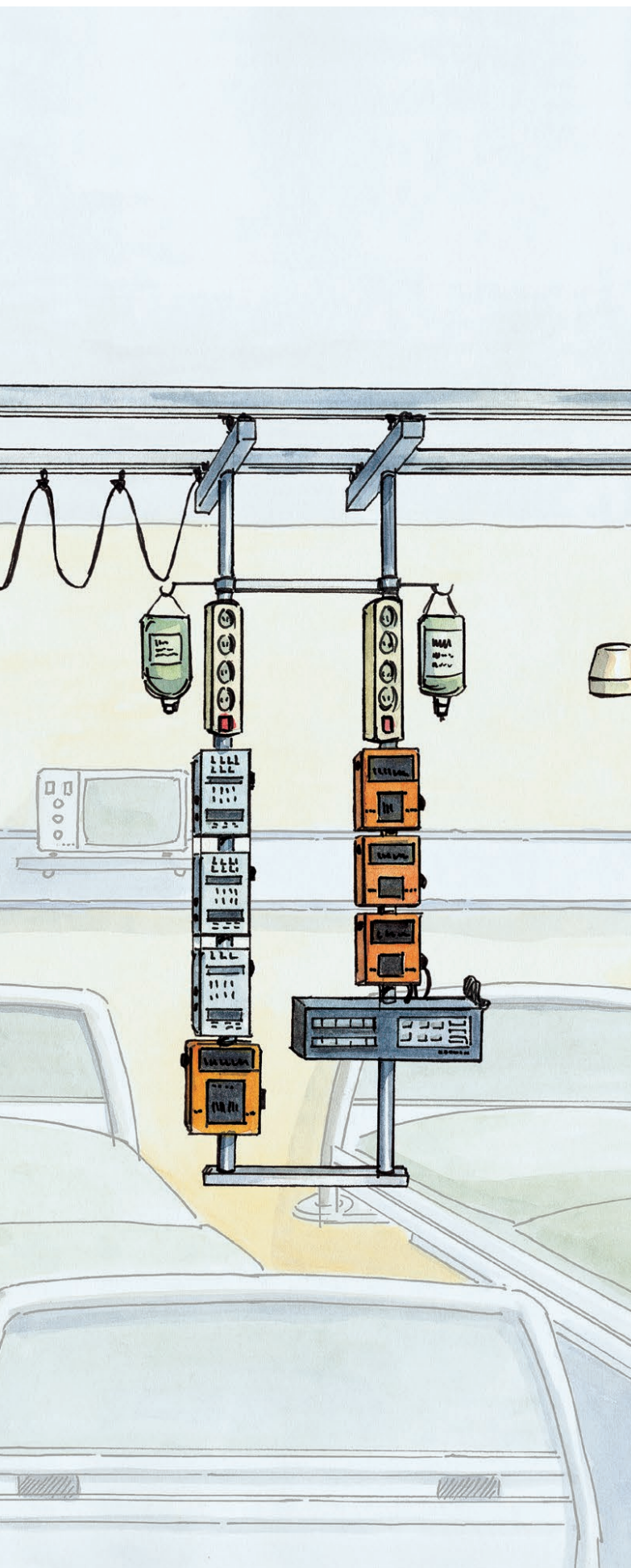
















[www.provita.de](http://www.provita.de)

Additional references you can find on our homepage.

## Reference list

Here you can find some recently finished projects

### Belgium

KHS-Middelheim	Antwerp
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### Brasil

Albert Einstein Hospital	Sao Paulo
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### Bulgaria

Nefertiti Clinic Sofia	Sofia
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### Germany

Städt. Krankenhaus	Bad Reichenhall
Uni-Klinik C.G. Cargus	Dresden
Marienhospital Düsseldorf	Düsseldorf
Paracelsus Karlsruhe	Karlsruhe
Paracelsus Klinik Osnabrück	Osnabrück

### Finland

Helsinki Univ. hosp. OR	Helsinki
Helsinki city Dental Clinic	Helsinki
Tampere University hosp.	
Dental Clinic	Tampere
Helsinki Univ.Hosp.	Helsinki

### France

Hospital Nancy	Nancy
Hospital	Ichinomiya Nisha
Hospital	Ina Tyuou
Hospital	Kainann
Hospital	Shin Beppu

### India

G B Pant Hospital-Government of NCT of Delhi	New Dehli
D M Healthcare	Kolhapur
ESIC Hospital	Kolkata
Sir Gangaram Hospital	New Dehli
Medanta Medicity	Gurgaon

### Iran

Chamran Hospital	Chamran
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### Israel

Haddassah-Klinik	Jerusalem
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### Italy

RHO Hospital	Milano
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### Netherlands

Akad. Krankenhaus Maastricht	Maastricht
Akad. Krankenhaus Utrecht	Utrecht

### Kenia

AGA KHAN Hospital Nairobi	Nairobi
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### Norway

Aust-Agder Sentralsykehus	Arendal
---------------------------	---------

### Sweden

Östershund Hospital	Östershund
University Hospital	Lund
University Hospital	Örebro
Karlskoga Hospital	Karskoga
Akademiska University	
Hospital Uppsala	Uppsala

### Switzerland

Universitätshospital Nord 2	Zürich
HUG	Geneva
Insel Spital Bern (INO)	Bern
La Colline	Geneva
Insel Spital Zwar (INO)	Zwar

### Slovakia

Cardio-Vascular KHS	Bratislava
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### Slovenia

General Hospital Slovenj Gradec	Gradec
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### Spain

H. Principe de Asturias Madrid	Madrid
F. Jimenez Diaz.Madrid	Madrid
H. Josep Trueta Girona	Girona
Consorti Sanitari de Terrassa	Terrassa
Hospital Clínic Barcelona	Barcelona

### Saudi Arabia

Hospital Provinz Hail	Hail
-----------------------	------

### Turkey

Bodrum Acibadem Hospital	Bodrum
Acibadem Eskisehir	Eskisehir
Adana Acibadem Hospital	Adana
International Hospital	Istanbul

### USA

University School of Medicine	New York
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# Medical Rail Systems

# Medical Rail Systems





- + unobtrusive
- + tidy
- + many variants





## Medical Rail Systems

Different rooms, different walls - one solution: Medical rail systems from provita. The systems ensure the tidy, functional attachment of medical devices by your side. Rails can be produced according to your specification to suit any hospital ward or medical practice.

The rails, made from polished stainless steel, can bear a load of up to 100 kg per metre and allow for the attachment of multiple devices. Each rail is fitted with potential equalisation, meaning that the dissipation of static electricity is ensured. Our integrated mounting system enables simple installation.

Numerous variation possibilities and an extensive range of accessories provide logical support to the tailor-made range: IV-stands, monitor shelves with or without a drawer compartment, refuse bag holders, examination lights, baskets, power outlet strips and pump holders represent just a selection from the extensive product range.

By combining the provita wall mounted rail systems with the pivoting IV unit or the sliding medical rail trolleys, further flexibility and freedom of movement can be provided for patients, nursing staff and doctors.

# Many product advantages to your benefit



## Medical Rail

- + space-saving infusion and device management on any wall - in any room
- + flexible arrangement of necessary caring devices
- + the screwing discs with holed drills enable a quick and simple mounting
- + full access to the patient thanks to a maximum floor freedom
- + reduced risk of injury (risk of stumbling)
- + connectors made of high quality brass guarantees electrical conductivity over the entire length of the rail
- + the way it is delivered permits a time-saving assembly of the rail
- + the wall rail profile has a load capacity of up to 100 kg per meter
- + the screwing discs are covered with its correspondingly optical and shaped plastic rosette
- + the screwing discs with a galvanized surface are to be connected strongly to the bearing wall
- + every rail is equipped with an optically covered grounding ring for the safety fixation of a grounding cable of up to Ø 2,5 mm<sup>2</sup>
- + complete recyclability
- + the rail profile is closed on both sides with a plastic cap to prevent the risk of injury

## IV-Poles

- + effective infusion care by hanging safely IV-bottles and bags
- + safe use above and below light strips and care channels
- + all plastic elements are non-fading
- + enough safe distance in between both tubes once the pole reached its lowest height as a precaution of risk of injury (e.g. to avoid finger traps)
- + IV-Poles with parallel offset: additional infusion bags or bottles can be hung on the safety bottle holder through the parallel angles of the inner tube without affecting the functionality of the devices mounted on the outer tube
- + stainless steel tubes in accordance with DIN EN 10217-7
- + safety bottle holder in accordance with DIN ISO 15375
- + prevented penetration of liquids between both tubes by a patented sealing cap

## Medical Wall Rail Carrier Unit

- + low-noise movement of IV-Poles and medical devices along the wall rail for an optimization of operating processes
- + variable positioning of care devices and components near the patient
- + silent positioning through a combination of high quality nylon, stainless steel, sliding and needle bearings
- + stable and swiveling
- + no risk of injury because the wall rail clamps and the pivotal arm are closed with plastic caps
- + can be flexibly positioned along the wall rail in the desired working area
- + can be fixed in any desired working position with help of its braking lever









## Medical Rail

P. 154

Medical Rail for space-saving device management



## IV-Poles

P. 156

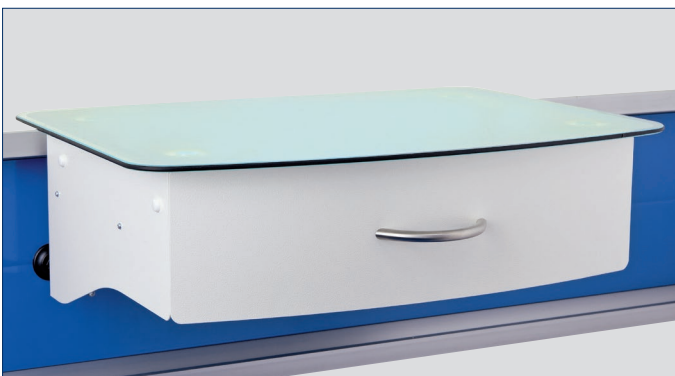
Professional infusion management on Medical Rails



## IWS-System and Medical Wall Rail Carrier Unit

P. 164

Pivotable, moveable device support system for infusion and device management



## Accessories

P. 168

Various accessories to enhance the wall rail system

# Medical Rail



made  
in  
Germany

## Medical Rail

+ easily fixed to wall by rotatable pre-drilled fixings

Material	stainless steel
Rosettes and end caps	plastic / black
Rail profile	25 × 10 × 1,5 mm (W × H × D)
Total load capacity	max. 100,0 kg per running meter
Surface	polished
Weight (per running meter)	appr. 1,5 kg
Unique feature	intermediate and special lengths are possible (please specify in detail); with 1 grounding pin on each rail
optional	<ul style="list-style-type: none"> <li>• plastic parts in blue or white</li> <li>• rosettes made of stainless steel (Z2N06242)</li> <li>• with freely positionable grounding box (Z2N06132)</li> </ul>



Configure your individual medical rail here or under [www.provita.de](http://www.provita.de)

Z2N2		O2
	05	= 500 mm
	06	= 600 mm
	07	= 700 mm
	40	= 4.000 mm

Example: Z2N22702 = Medical rail 2.700 mm

**Z2N27241** = Rail in special length and / or with special bolt distance on customer request (length specification in meter)



! Calculation of fixing bolts per rail = rail length divided by bolt distance rounded to the nearest higher integer

! Standard bolt distance: 400 mm. Other distance possible on request (eg.: 500 mm or 600 mm).

! Rails longer than 3.000 mm will be connected using pre-assembled connectors.

## Connector



pre-assembled at the factory

Material brass

E2N4464-

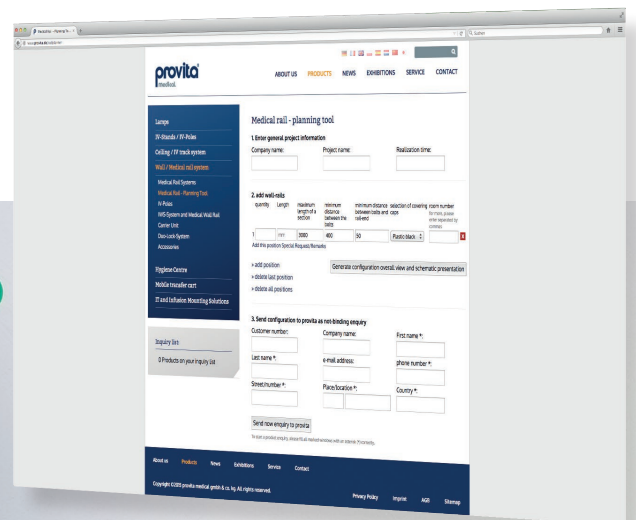
The type of mounting needs to be evaluated on site. Our sales representatives and engineers would be glad to be of support if needed.

! Instructions for installation please see p. 192

## Planning Tool

Please use the provita planning tool for medical rails.  
You will save valuable time working on your projects.

[www.provita.de/railplanner](http://www.provita.de/railplanner)  
Medical rail-planning tool



# IV-Poles

## Overview IV-Poles

### IV-Pole with 2 wall supports

I2002612 with 4 safety bottle hooks,  
screw height adjustment

### IV-Pole, 55° angled

I2000572 with bottle bar 4 safety bottle hooks,  
screw height adjustment

### IV-Pole straight

I2000422 with 4 safety bottle hooks,  
screw height adjustment

I1000422 with 4 safety bottle hooks,  
single-handed safety height adjustment

### IV-Pole, 90° angled

I2000552 outer tube 1.000 mm,  
screw height adjustment

I2000562 outer tube 1.500 mm,  
screw height adjustment

# Overview IV-Poles

## ICU-Unit

- I1009272 with 4 safety bottle hooks, single-handed safety height adjustment
- I1009292 with 6 safety bottle hooks, single-handed safety height adjustment

## IV-Pole

- I1000502 without wall support, single-handed safety height adjustment
- I1000522 with wall support, single-handed safety height adjustment

## IV-Pole

- I1002112 single-handed safety height adjustment
- I2000112 screw height adjustment

## IV-Pole – angled

- I1002212 single-handed safety height adjustment
- I2002012 screw height adjustment

## IV-Rod

- I0001502

## IV-Pole

- I1002712 single-handed safety height adjustment
- I2003112 screw height adjustment

## IV-Holder

- M0009004

## IV-Pole 38/25

- I1002612

! All IV-Poles are made of high-quality stainless steel and are equipped with safety bottle hooks. Additional technical details can be found on the following pages.





## IV-Pole with 2 wall supports

+ safe use above and below light strips and care channels



Material	stainless steel
Tube diameter	25 / 18 mm
Bottle holder	stainless steel 4 safety bottle hooks
Load capacity	2,0 kg / hook
Angled	2 × 90°
Parallel offset	300 mm
Outer tube length	1.200 mm
Regulating range	appr. 1.460–2.000 mm
Height adjustment	screw height adjustment
Distance wall to tube center	120 mm
Colour of end caps	white
Total weight (net weight)	appr. 2,5 kg

I2002612



## IV-Pole straight

+ effective infusion care by hanging safely IV-bottles and bags



Material	stainless steel
Tube diameter	25 / 18 mm
Outer tube length	1.000 mm
Bottle holder	stainless steel 4 safety bottle hooks
Regulating range	appr. 1.180 – 2.020 mm
Load capacity	2,0 kg /hook
Total weight (net weight)	appr. 2,0 kg

I1000422	singel-handed safety height adjustment
I2000422	screw height adjustment

for further wall-mounted IV-Pole options, please see page 86

## IV-Pole, 55° angled

- + prevented penetration of liquids between both tubes by a patented sealing cap

Material	stainless steel
Tube diameter	25 / 18 mm
Outer tube length	1.000 mm
Distancia en paralelo	appr. 300 mm
Angled	1 × 55°
Height adjustment	screw height adjustment
Regulating range	appr. 1.250–1.800 mm
Bottle holder	stainless steel 4 safety bottle hooks
Load capacity	2,0 kg / hook
Total weight (net weight)	appr. 2,9 kg

I2000572



## IV-Pole, 90° angled

- + enough safe distance in between both tubes once the pole reached its lowest height as a precaution of risk of injury (e.g. to avoid finger traps)

Material	stainless steel
Tube diameter	25 / 18 mm
Distancia en paralelo	300 mm
Angled	2 × 90°
Height adjustment	screw height adjustment
Bottle holder	stainless steel 6 safety bottle hooks
Load capacity	2,0 kg / hook
Total weight (net weight)	appr. 3,0 kg

I2000552	Outer tube length 1.000 mm Regulating range appr. 1.270–2.115 mm
I2000562	Outer tube length 1.500 mm Regulating range appr. 1.780–2.400 mm





## ICU-Unit

+ adjustment of the telescopic tube through a comfortable single-handed height adjustment



Material	stainless steel / aluminium
Height adjustment	single-handed safety height adjustment
Bottle bar	stainless steel 4 or 6 safety bottle hooks
	hooks – 2,0 kg / hook
Regulating range	370 mm
Total weight (net weight)	appr. 2,1 kg
Equipment	with medical rail clamp, for assembling onto wall rails 25 × 10 mm

I1009272	with 4 safety bottle hooks
I1009292	with 6 safety bottle hooks



## IV-Pole

+ stainless steel tubes in accordance with DIN EN 10217-7



Material	stainless steel / aluminium
Tube diameter	18 / 14 mm
Height adjustment	single-handed safety height adjustment
Bottle holder	stainless steel 3 safety bottle hooks – 2,0 kg / hook
Regulating range	appr. 1.150 mm – 1.700 mm
Outer tube length	800 mm
Total weight (net weight)	appr. 1,9 kg
Equipment	with medical rail clamp, drip glass and glass holder, for assembling onto wall rails 25 × 10 mm

I1000502	without wall support
I1000522	with wall support



## IV-Pole

### + all plastic elements are non-fading

Material	stainless steel / aluminium
Tube diameter	25 / 18 mm
Bottle holder	stainless steel 3 safety bottle hooks – 2,0 kg / hook
Regulating range	appr. 1.000 – 2.000 mm
Outer tube length	1.000 mm
Total weight (net weight)	appr. 1,73 kg
Equipment	with wall rail clamp and wall support, for assembling onto medical rails 25 x 10 mm

I1002112	single-handed safety height adjustment
I2000112	screw height adjustment



## IV-Pole – angled

### + additional infusion bags or bottles can be hung on the safety bottle holder through the parallel angles of the inner tube

Material	stainless steel / aluminium
Tube diameter	25 / 18 mm
Bottle holder	stainless steel 4 safety bottle hooks – 2,0 kg / hook
Angled	2 x 45°
Distancia en paralelo	appr. 350 mm
Regulating range	appr. 1.180 mm – 1.510 mm
Outer tube length	1.000 mm
Total weight (net weight)	appr. 1,45 kg
Equipment	with medical rail clamp and wall support, for assembling onto wall rails 25 x 10 mm

I1002212	single-handed safety height adjustment with additional screw height adjustment to prevent a pole rotation
I2002012	screw height adjustment





# IV-Pole

+ the integrated blocking pull-out prevents the seperation of both telescopic tubes

Material	stainless steel / aluminium
Tube diameter	25 / 18 mm
Bottle bar	stainless steel 4 safety bottle hooks – 2,0 kg / hook
Regulating range	appr. 1.000 – 1.600 mm
Outer tube length	800 mm
Total weight (net weight)	appr. 2,03 kg
Equipment	with 2 medical rail clamps, for assembling onto wall rails 25 × 10 mm
I1002712	safety height adjustment
I2003112	screw height adjustment

# IV-Rod

+ safety bottle holder in accordance with DIN ISO 15375

Material	stainless steel / aluminium
Tube diameter	25 mm
Bottle bar	stainless steel 4 safety bottle hooks – 2,0 kg / hook
Length	1.500 mm
Total weight (net weight)	appr. 1,5 kg
Equipment	with 2 wall rail clamps, for assembling onto medical rails 25 × 10 mm

I0001502



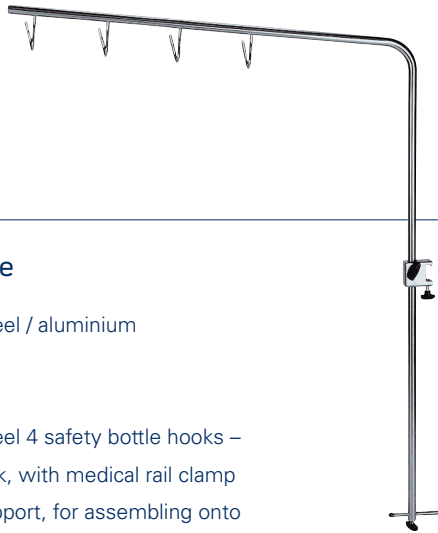


## IV-Pole

### + space-saving infusion care

Material	stainless steel / aluminium
Tube diameter	18 mm
Total weight (net weight)	appr. 1,8 kg
Equipment	stainless steel 4 safety bottle hooks – 2,0 kg / hook, with medical rail clamp and wall support, for assembling onto wall rails 25 x 10 mm

M0009004



## IV-Pole

### + safe use above and below light strips and care channels

Material	stainless steel / aluminium
Tube diameter	38 / 25 mm
Bottle bar	stainless steel 4 safety bottle hooks
Outer tube length	1.000 mm
Distancia en paralelo	350 mm
Angled	2 x 90°
Height adjustment	single-handed safety height adjustment with additional screw height adjustment to prevent a pole rotation
Equipment	with 2 wall rail clamps to mount on a wall rail 25 x 10 mm
Load capacity	2,0 kg / hook
Total weight (net weight)	appr. 6,0 kg

I1002612



accessories see from page 168



# IWS-System and Medical Wall Rail Carrier Unit

Medical rail systems



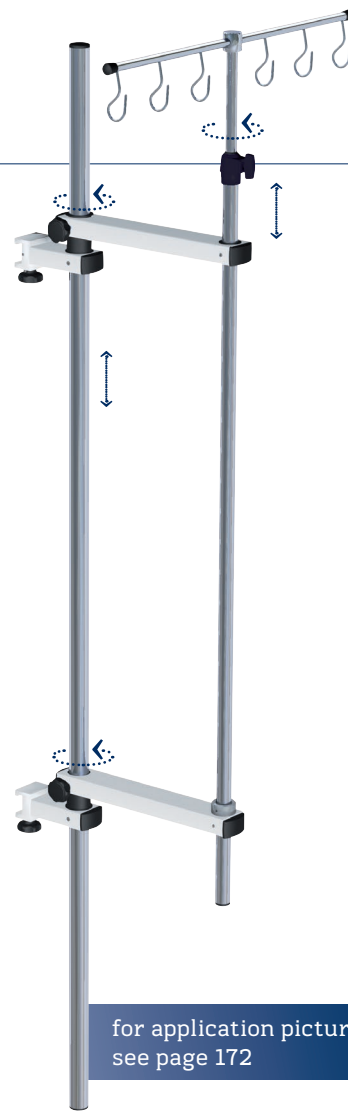
## IWS-unit

- + the stable and flexible support systems allows an extensive and patient-related placement of medical devices
- + for mounting infusion pumps and bottles
- + easily fixed to the existing wall rail

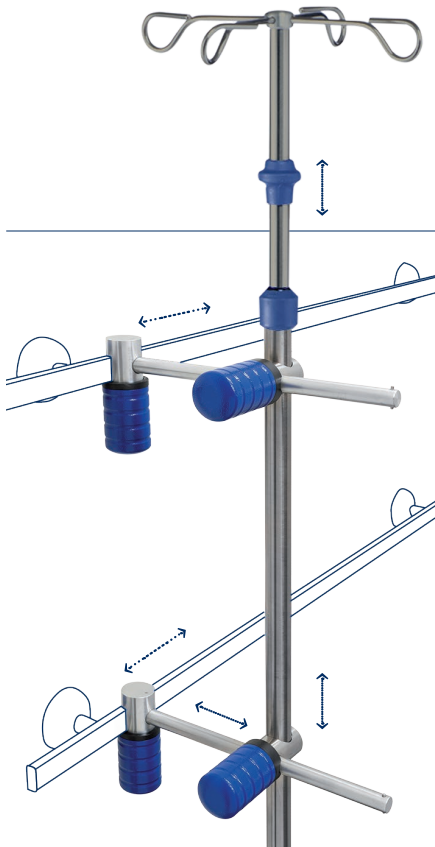
Regulating range	1.500 – 2.450 mm
Load capacity	2,0 kg per hook / 25,0 kg per system
Total weight (net weight)	appr. 9,0 kg
Equipment	1 stainless steel tube Ø 33,7 mm, 2 horizontal arms, 2 mounting brackets for medical rails, 1 stainless IV-pole with screw height adjustment, bottle bar with 6 safety bottle hooks

I9971702

- ! This pivotable wall-system and the moveable wall carrier unit can be used as single parts or in combination



for application pictures  
see page 172



## Duo-Lock-System for wall rail

- + compact space requirement
- + horizontal adjustment in two directions

Material	stainless steel/aluminium
Colour of plastic parts	blue
Tube diameter	25 / 18 mm
Bottle holder	stainless steel 4 safety bottle hooks - 2,0 kg / hook
Height adjustment	single-handed safety height adjustment
Regulating range	appr. 1.500 – 2.350 mm
Outer tube length	1.200 mm
Equipment	2 duo-lock-systems with quick-hand- fastener, IV-Pole

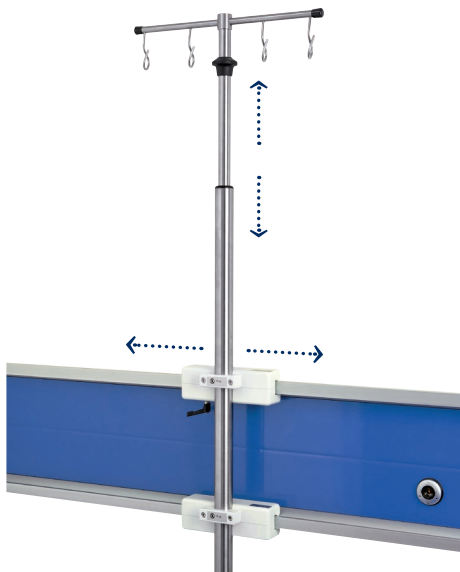
I-DULO01

# Moveable Medical Rail Carrier

- + smooth running wall carrier unit to attach pumps, monitors and additional devices
- + high quality stainless steel and nylon bearings ensure minimal noise when moving
- + allows the flexibility to position devices where required



Version A



Version B

## Version A

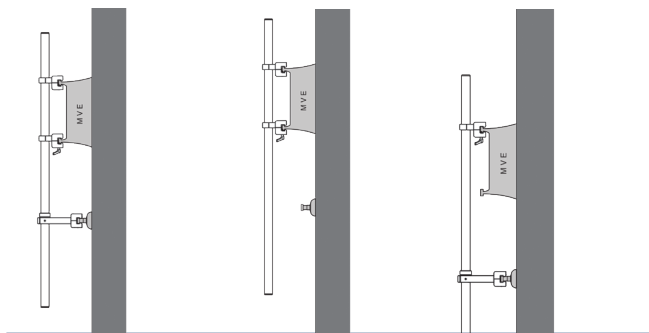
Material of the carrier unit	aluminium
Material support tube	stainless steel
Colour of carrier unit	white
Tube diameter	38 mm
Tube length	1.000 mm
Max. load capacity	75,0 kg
Total weight (net weight)	appr. 4,2 kg
Equipment	with 2 complete carrier units, carrier unit and tube flexibly adjustable
	! Attention: Medical rails must be mounted exactly parallel to each other, with clamping lever brake at the top carrier

Z2N0214A

## Version B (like A, additionally with IV-pole)

Height adjustment	single-handed safety height adjustment
Tube diameter	38 / 25 mm
Bottle bar	stainless steel 4 safety bottle hooks
Regulating range	appr. 1.100 – 1.900 mm
Total weight (net weight)	appr. 5,6 kg
Outer tube length	1.000 mm

Z2N0224A



examples of use



optional with angled IV-pole to protect the devices from liquids

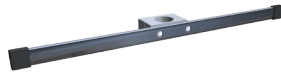
Z2N0225A

! Please order the stopper-set separately.



# Accessories Medical Rail Carrier Unit

## Medical Rail

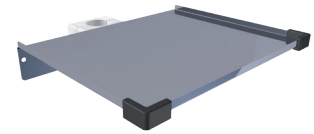


for round tube Ø 38 mm, height  
adjustable through two fixing screws

Material	stainless steel / aluminium
Profile	25 × 10 mm
Length	558 mm
Weight	appr. 0,9 kg

Z2N06512

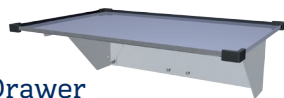
## Shelf



for round tube Ø 38 mm, with edge protection

Material	stainless steel / aluminium
Size	300 × 250 mm
Max. load capacity	4,0 kg
Weight	appr. 2,75 kg

Z2N0754A



## Monitor Shelf without Drawer

for round tube Ø 38 mm, with edge protection

Material	stainless steel / steel, coated
Shelf dimensions	540 × 360 mm
Max. load capacity	40,0 kg
Weight	appr. 6,0 kg

Z2N0745A



## Monitor Shelf with Drawer

for round tube Ø 38 mm, with edge protection

Material shelf	stainless steel
Material drawer	steel, white coated
Shelf dimensions	540 × 360 mm
Drawer size	420 × 310 mm
Drawer height	120 mm
Max. load capacity	40,0 kg
Weight	appr. 10,1 kg

Z2N0746A

## Stopper-set for Wall Rail

for wall rails 25 × 10 mm

Material	aluminium
Colour	white

Z2N0628A



for application pictures  
see page 172





# Accessories

## Medical rail systems



### Basket with clamp

with wall rail clamp, to mount on wall rail 25 x 10 mm

Material of the basket	steel, coated
Material of the claw	aluminium
Colour	light grey
Size	250 x 90 x 200 mm (W x D x H)
Weight	appr. 0,7 kg

Z2S0665N



### Basket with 2 clamps

with two wall rail clamps, to mount on wall rail 25 x 10 mm

Material of the basket	steel, coated
Material of the claws	aluminium
Colour	light grey
Size	500 x 120 x 100 mm (W x D x H)
Weight	appr. 1,15 kg

Z2S0666N



### Cable- /tube holder

Material	plastic
Colour	white
Z2K09343	for round tube 38 mm
Z2K09353	for wall rails 25 x 10 mm



### Medical Approved Plugboard vari med

with children protection (higher touch protection of plug board)

Material of housing	aluminium, anodized
In accordance with norm	DIN EN 60601-1-1

Z2K07014	4-plug, dual fused
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for additional medical plugboards see [www.provita.de](http://www.provita.de) and page 83



### Monitor Shelf without Drawer

with two medical rail clamps and wall supports, with edge protection

Material	stainless steel / steel, coated
Shelf dimensions	540 × 360 mm
Max. load capacity	40,0 kg
Weight	appr. 6,0 kg

Z2N07442



### Glass Monitor Shelf without Drawer

with two medical rail clamps and wall supports, with edge protection

Material	stainless steel / safety glass / aluminium
Shelf dimensions	540 × 400 mm
Max. load capacity	40,0 kg
Weight	appr. 6,0 kg

Z2N07922



### Shelf

with two medical rail clamps, with edge protection

Material	stainless steel / aluminium
Shelf dimensions	300 × 250 mm
Max. load capacity	4,0 kg
Weight	appr. 2,75 kg

Z2N07332

optimal hygienic glass surface



### Monitor Shelf with Drawer

drawer, fully extendable, with two medical rail clamps and wall supports

Material shelf	stainless steel
Material drawer	steel, white coated
Shelf dimensions	540 × 360 mm
Drawer size	420 × 310 mm
Drawer height	120 mm
Max. load capacity	40,0 kg

Z2N07432	with 1 drawer	weight appr. 10,1 kg
Z2N07532	with 2 drawers	weight appr. 14,7 kg



### Glass Monitor Shelf with Drawer

drawer, fully extendable, with two medical rail clamps and wall supports, with edge protection

Material shelf	safety-glass, non-transparent
Material drawer	steel, white coated
Shelf dimensions	540 × 400 mm
Drawer size	420 × 320 mm
Protective edging	safety rubber edging

Z2N07932	with 1 drawer	weight appr. 10,1 kg
Z2N07942	with 2 drawers	weight appr. 14,7 kg

### Glass Monitor Shelf with wall rail at the sides

drawer, fully extendable, with two medical rail clamps and wall supports, with edge protection

Material shelf	safety-glass, non-transparent
Material drawer	steel, white coated
Shelf dimensions	540 × 400 mm
Drawer size	420 × 320 mm
Protective edging	safety rubber edging
Material wall rails	stainless steel
Length of each wall rail	320 mm
Rail profile	25 × 10 × 1,5 mm (W × H × D)

Z2N07962





Trash Holder

with wall rail clamp, to mount on wall rail 25 × 10 mm	
Material	stainless steel / aluminium
Size	245 × 385 × 185 mm (W × H × D)
Weight	appr. 2,0 kg
Unique feature	complete with 3 trash bags

Z2N06202



Clamps

to fit lamps, IV-poles as well as additional equipment, to mount on wall rail 25 × 10 mm

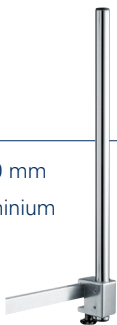
Material	aluminium, ball burnished
Weight	appr. 0,4 kg

Z2N0643W	with headless screw, with socket Ø 18 mm
Z2N0647W	with t-screw, with socket Ø 18 mm
Z2N0650W	with t-screw, with socket Ø 25 mm

Holder for pumps

with wall rail clamp, to mount on wall rail 25 × 10 mm	
Material	stainless steel / aluminium
Tube diameter	25 mm
Length	500 mm
Weight	appr. 0,95 kg



Z2N07162



Examination Lamp

Colour of lamp	white
Light source	halogen bulb with cold light reflector, 12 V / 35 W IRC, 10°
Light colour	appr. 3.000 (3.700) <sup>1)</sup> K
Light output	appr. 28.500 lux / 500 mm appr. 8.100 lux / 1.000 mm
Light field	90 / 180 mm at 500 / 1.000 mm
Life expectancy	appr. 3.000 h (light source)
Electrical mains	230 V, 50 – 60 Hz
Switch	in lamp housing / in handle (Ceiling / Wall version)

<sup>1)</sup> with colour correction filter

L100020A

wide range of lamps see pages 12 to 45



Set of 2 Medical Rail Clamps

with Ø 25 mm socket, for bridging two wall rails with different installation depths

Material	aluminium
Colour	white
Weight	appr. 0,8 kg
Unique feature	1 clamp adjustable (100–200 mm) 1 clamp fixed length

Z2N0618A



Joint Arm

with hose clamps (appr. Ø 23 mm), without medical rail clamp

Material	chrome plated
Working radius	appr. 1.000 mm
Joining pin	Ø 18 × L 35 mm
Weight	appr. 2,0 kg

Z2S06527



### Gloves dispenser, 3-fold for wall rail

with wall rail clamp, to mount on wall rail 25 × 10 mm

Material	stainless steel / aluminium
Outer size	240 × 403 × 99 mm (W × H × D)
Inner size	
(each compartment)	240 × 132 × 96 mm (W × H × D)
Weight	appr. 2,5 kg

Z2N65522



### Gloves dispenser, 2-fold for wall rail

with wall rail clamp, to mount on wall rail 25 × 10 mm

Material	aluminium, coated
Colour	silver
Size	280 × 270 × 100 mm (W × H × D)
Weight	appr. 1,3 kg

Z2N09353



### Gloves dispenser, 3-fold for wall rail

with wall rail clamp, to mount on wall rail 25 × 10 mm

Material	aluminium coated
Colour	silver
Size	390 × 260 × 100 mm (W × H × D)
Weight	appr. 1,5 kg

Z2N09363



### Catheter basket

Material	stainless steel
Mounting	two hooks for wall rail
Weight	appr. 0,5 / 0,8 kg
Z2N08122	150 × 100 × 280 mm (W × H × D)
Z2N08132	150 × 100 × 480 mm (W × H × D)



### Claw with quick-release lever

to mount on wall rail 25 × 10 mm

Material	aluminium, anodized
Weight	appr. 0,1 kg

Z2N0932W



### Catheter Storage Box, dust-tight

Material	stainless steel
Fixing	welded-on hook rail for attachment to carts or medical rails
Hygiene	with hinged, bevelled cover and base for easy cleaning; autoclavable

Z2N08142	500 × 140 × 90 mm
Z2N08152	600 × 140 × 90 mm
Z2N08162	700 × 140 × 90 mm

- + Enables dust-tight, hygienic storage
- + Catheters will not be bended

! Can optionally be ordered with inspection window or subdivision

! The hinged base can be folded away for easy cleaning from top and bottom











# IT and Infusion Mounting Solutions

# IT and Infusion Mounting Solutions





- + space-saving
- + quick
- + functional





## IT and Infusion Mounting Solutions

In an intensive care unit, all of the devices required in the provision of medical care must be immediately at hand and it must be possible to move them quickly into the required position. However, when not required, they must not hinder treatment in any way. They must therefore be mounted in a manner that saves space, while at the same time remaining readily accessible at all times. For this reason, provita offers a variety of support systems, which bring order and clear organisation to the intensive care environment.

For electronic patient monitoring, a selection of different monitor support systems are available to choose from, which makes it possible to move the screen about a 360° angle, to the side, to the desired height without difficulty and to permanently position it in the optimal position.

Additional IT and infusion mounting systems offer a stable and well-organised frame on which to attach the various

devices required for patient care. The vertical support system, which is mounted to the wall, offers further support. Through using the appropriate accessories, standard rails to hold additional medical equipment, cabling, monitors and keyboards may be arranged and securely fixed to the wall.



# Many product advantages to your benefit



## IT Mounting Solutions

---

- + for monitors made by PHILIPS, DRÄGER, SIEMENS or GE
- + backside or bottom fixation of the monitor
- + available in fixed or adjustable in height versions
- + minimized required space while maximizing efficiency
- + integrated cable guiding
- + easy-to-clean and smooth surface with anti-microbial powder-coat

## Infusion and Pump Mounting Solutions

---

- + wall supported, swiveling system permits an easy positioning change of medical devices in or out the work field
- + easy-to-clean surface (wipe disinfection)

## Vertical Mounting Solution

---

- + permits an ergonomic and space-saving positioning of medical devices in direct proximity to the patient
- + due to the modular system many different patient monitoring systems and other devices can be combined with each other



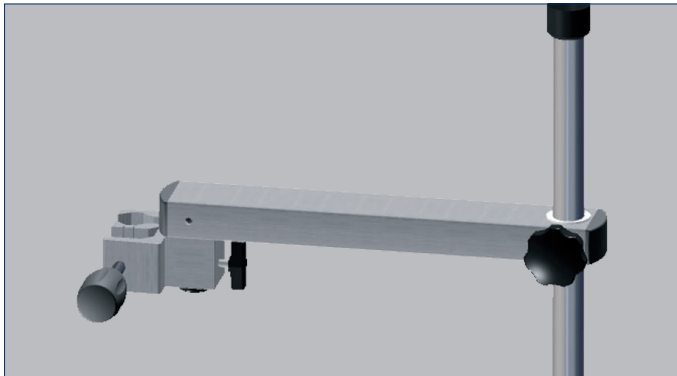




## IT Mounting Solutions

P. 182

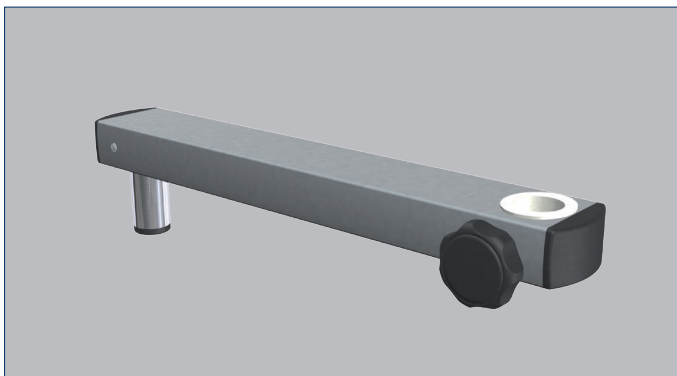
Mounting systems for efficient monitoring in daily clinical practice



## Infusion and Pump Mounting Solutions

P. 184

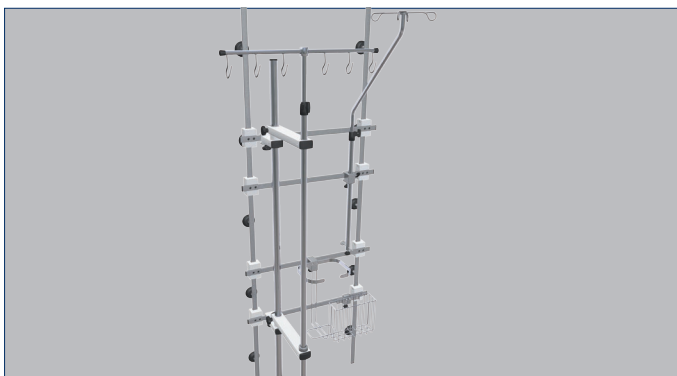
Practical and user-friendly infusion management



## Assembling Solutions

P. 186

Professional connection of devices and monitors in Intensive Care Units



## Vertical Mounting Solution

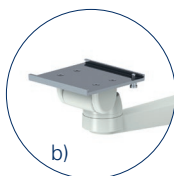
P. 188

Space saving positioning of medical devices

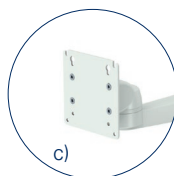
# IT Mounting Solutions



a)



b)



c)

## Pivot arm fixed height

- a) for monitors » PHILIPS « IntelliVue MP5-70 and MX400-800  
b) for monitors with universal adapter (GE, Dräger, ...)  
c) for monitors with adapter VESA 75 / 100

Max. load capacity	23,0 kg
Max. monitor weight	14,0 kg
Arm length	250 mm
Swivel range wall-side	±90°
Swivel range monitor-side	±90°
Tilt range	±20°
Colour	RAL 7035 light grey

to mount on medical rail

	Weight
Z-DOCK60	appr. 2,27 kg
Z-DOCK62	appr. 2,42 kg
Z-DOCK64	appr. 2,55 kg



to mount on round tube Ø 35–38 mm



Weight

Z-DOCK61	appr. 2,33 kg
Z-DOCK63	appr. 2,48 kg
Z-DOCK65	appr. 2,61 kg



## Monitor holder for the wall

with 4 drill holes

Material	steel/iron
Length of support arm	955 mm
Swiveling range	90°





## Support arm variable height

for monitors » PHILIPS « IntelliVue MP5-70

Arm length	300 mm
Swivel-range wall-side	±80°
Swivel-range monitor-side	±50°
Tilt range	±15°
Adjusting range of height adjustment	460 mm
Colour	RAL 7035 light grey
Weight	appr. 6 kg

to mount on medical rail

	Load capacity
Z-DOCK66	3 – 10 kg
Z-DOCK67	8 – 14 kg

to mount on round tube Ø 25-42 mm

Z-DOCK69	3 – 10 kg
Z-DOCK70	8 – 14 kg



## Support arm variable height

for monitors with universal adapter (GE, Dräger, ...)

Arm length	300 mm
Swivel-range wall-side	±80°
Swivel-range monitor-side	±90°
Tilt range	±15°
Adjusting range of height adjustment	460 mm
Colour	RAL 7035 light grey
Weight	appr. 6 kg

to mount on medical rail

	Load capacity
Z-DOCK72	3 – 10 kg
Z-DOCK73	8 – 14 kg

to mount on round tube Ø 25–42 mm

Z-DOCK74	3 – 10 kg
Z-DOCK75	8 – 14 kg



## Support arm variable height

for monitors » PHILIPS « IntelliVue MX400-500

Load capacity	3 – 10 kg
Arm length	300 mm
Swivel-range wall-side	±80°
Swivel-range monitor-side	±50°
Tilt range	±15°
Adjusting range of height adjustment	460 mm
Colour	RAL 7035 light grey

to mount on medical rail

	Weight
Z-DOCK68	appr. 6,0 kg

to mount on round tube Ø 25–42 mm

Z-DOCK71	appr. 6,17 kg
----------	---------------



## Support arm variable height

for monitors with adapter VESA 75 / 100

Arm length	300 mm
Swivel-range wall-side	±80°
Swivel-range monitor-side	±90°
Tilt range	±20°
Rotation range	±5°
Adjusting range of height adjustment	460 mm
Colour	RAL 7035 light grey
Weight	appr. 6 kg

to mount on medical rail

	Load capacity
Z-DOCK76	3 – 10 kg
Z-DOCK77	8 – 14 kg

to mount on round tube Ø 25–42 mm

Z-DOCK78	3 – 10 kg
Z-DOCK79	8 – 14 kg

# Infusion and Pump Mounting Solutions



for further wall mounted IV-Pole options, please see page 86



## Infusion Arm System

### (single)

two swiveling holding arms with universal clamp, single handed operated IV-Pole

Material	stainless steel / aluminium
Tube diameter	25 / 18 mm
Bottle holder	4 safety bottle hooks
2 mounting arms	L 300 mm
Colour of arms	silver
Total weight (net weight)	appr. 5,0 kg
Regulating range	1.200 – 2.050 mm

I9900312

## Infusion Arm System

### (double)

two single handed operated IV-Poles, for mounting to a central tube Ø 38 mm

Material	stainless steel / aluminium
Tube diameter	25 / 18 mm
Bottle holder	4 safety bottle hooks
Colour of arms	silver
Total weight (net weight)	appr. 7,9 kg
Regulating range	1.200 – 2.050 mm

I9900412

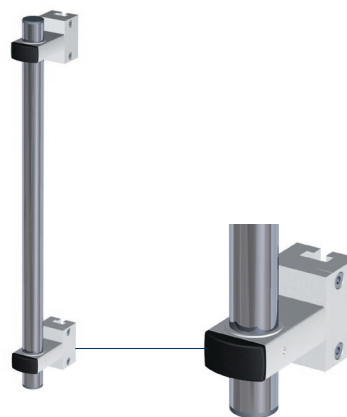


## Swiveling Pump Holding System

for mounting on vertical support tube, with 2 universal clamps

Material	stainless steel / aluminium
Tube diameter	25 mm
Length	1.000 mm
2 mounting arms	L 300 mm
Colour of arms	silver
Total weight (net weight)	appr. 2,9 kg

Z2N6643S



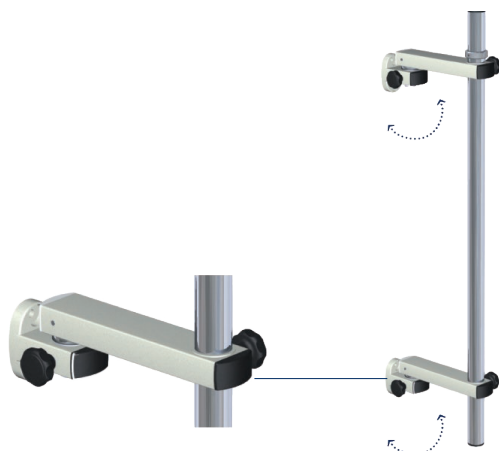
## Pump Holder for Vertical Rail

for mounting onto a vertical wall rail 25 × 10 mm  
by two height adjustable mounting brackets

Material	stainless steel / aluminium
Tube diameter	38 mm
Length	700 mm
Colour of clamps	white
Total weight (net weight)	appr. 2,27 kg



Z2N6645A



## Swiveling Pump Holder for Wall Mounting

for flush wall mounting with two wall mounts

Material	stainless steel / aluminium
Tube diameter	38 mm
Length	1.000 mm
2 mounting arms	L 200 mm
Colour of clamps	white
Total weight (net weight)	appr. 3,0 kg

Z2N6647A



## Pump Holder for Wall Mounting

Material	stainless steel / aluminium
Tube diameter	38 mm
Length	1.000 mm
Colour of clamps	white
Total weight (net weight)	appr. 2,3 kg
Systembelastbarkeit	65,0 kg

Z2N6646A

! Instructions for installation please see p. 192

# Assembling solutions

The extensive use of medical devices, such as patient monitoring in ICS require a wide range of useful mounting systems.



## Tube Arm

Material	aluminium
To mount to	medical rails 25 × 10 mm
Mounting	star-shaped grip
Central distances	75 / 155 mm, for 3 tubes Ø 25 mm
Weight	appr. 0,7 kg

Z2N09313



## Clamp

Material	aluminium
Distance between medical rail and round tube	100 mm
Colour of clamp	white
Weight	0,5 kg

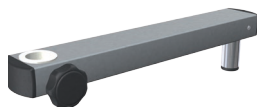
Z2N09112	for round tube Ø 38 mm
Z2N09122	for round tube Ø 33,7 mm
Z2N09132	for round tube Ø 25 mm



## Bracket for Round Tube Ø 38 mm

Material	aluminium
Length	93 mm
Mounting holes	Ø 6 mm / distance 76 mm
Weight	appr. 0,2 kg

Z2N09333



## Holding Arm

to plug into universal clamp Z2N6641S, option is available to adapt onto round tube Ø 38 mm

Material	aluminium
Central distance	300 mm
With socket	for Ø 25 mm round tube
Colour of clamp	silver
Total weight (net weight)	appr. 1,0 kg

Z2N6650S



## Holding Arm

Material	aluminium
Distance between tube socket and center	300 mm
Tubes sockets	Ø 25 mm, Ø 38 mm , Ø 25 mm
Colour of clamp	silver
Weight	appr. 1,5 kg

Z2N6651S



## Universal Clamp

for wall rails and round tubes up to Ø 40 mm, with 4 drill holes at the back

Material	aluminium
Total weight (net weight)	appr. 0,3 kg

Z2N6638W

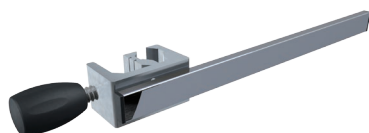


## Universal Clamp

for installation on wall rails 25 × 10 mm or round tube up to Ø 40 mm

Material	aluminium
Total weight (net weight)	appr. 0,45 kg

Z2N6642S	socket for round tube Ø 18 mm
Z2N6641S	socket for round tube Ø 25 mm
Z2N6639S	socket for mounting of lamps Ø 18 mm

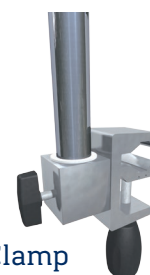


## Wall Rail with Universal Clamp

for mounting of infusion pumps as well as other medical devices

Material	stainless steel / aluminium
Profile	25 × 10 mm
Length	350 mm
Total weight (net weight)	appr. 0,85 kg

Z2N0684S



## Mounting Tube with Universal Clamp

universal clamp for medical devices, for mounting at horizontal medical rails

Material	stainless steel
Tube length	500 mm
Tube diameter	25 mm
Total weight (net weight)	appr. 0,9 kg

Z2N6644S



# Vertical Mounting Solution



## Vertical Mounting System



- + the vertical mounting system provides an ergonomic and space-saving positioning of medical equipment – next to the patients point of care



## Wall Rail

Material	stainless steel
Rosettes and end caps	plastic / black
Rail profile	25 × 10 × 1,5 mm
Total load capacity	max. 100,0 kg per running meter
Surface	polished
Weight (per running meter)	appr. 1,5 kg
Unique feature	intermediate and special lengths' are possible (please specify detailed dimensions)
optional	<ul style="list-style-type: none"> <li>• plastic parts optional in blue or white</li> <li>• rosettes made of stainless steel (Z2N06242)</li> <li>• with 1 grounding pin on each rail</li> <li>• freely positionable grounding box (Z2N06132)</li> </ul>

Z2N06712 2.000 mm

## Horizontal Rail

Material	stainless steel
Material of the clamp	aluminium, coated
Z2N0690A	special lengths available on request

## Monitor Shelf without Drawer

with two medical rail clamps and wall supports, with edge protection

Material	stainless steel
Shelf dimensions	540 × 360 mm
Max. load capacity	40,0 kg
Weight	appr. 6,0 kg

Z2N07442

## Basket

with medical rail clamp

Material of the basket	steel, powder coated
Material of the clamp	aluminium
Colour	light grey
Size	250 × 90 × 200 mm (W × H × D)
Weight	appr. 0,7 kg

Z2S0665N



## Trash Holder

with medical rail clamp, complete with 3 trash bags

Material	stainless steel
Size	245 × 385 × 185 mm (W × H × D)
Weight	appr. 2,0 kg

Z2N06202

! Instructions for installation please see p. 192

! For further accessories please see p. 168-169





## Instructions for Statics & Installation

Planning and building code requirements, as well as static tests, remain the responsibility of the buyer and must be verified before installation begins. Individual national and regional building codes must be considered. All products must be installed in accordance with commonly established technical rules.

Delivery does not include mounting parts for product installation as these depend on various static requirements. Assembly and safety references must be heeded and adhered to! Assembly instructions must be filed according to legal requirements. In case of missing assembly instructions make sure to contact us.

### Application of accessories

When applying accessories, assembly instruction product details must be considered. In case of invalidity of maximum load capacity of accessories and primary product provita medical gmbh & co. kg is not liable to comply to the guidelines of DIN ISO 60601 – provita medical gmbh & co. kg shall not grant any warranty

Buyer shall be responsible for ensuring compliance with all standards – in particular § 12 of MPG and MPBetreibV (Medical Device Operating Regulations) are to be observed.

In case of mounting provita accessories to third party products an entire new system is created according to DIN ISO 60601. Assessment rests with the operator.

### Installation of accessories

Generally when installing accessories and other parts, it is important to consider that:

- the mounting options are adapted to the product
- add-on components are firmly and securely attached
- the assembly of attachments does not create danger and risk potential
- the balance point of the systems does not shift unfavorable (by protruding parts)
- valid standards and guidelines are met (DIN ISO 60601, 3rd Edition, MPG, MPBetreibV)

### Accessories for IV-Poles

We would like to emphasize that not all bottle holder/ - bar - models/ accessories are suitable for products with none weighted base constructions.

For safety reasons, we would like to suggest to take advantage of the opportunity to get professional guidance by our competent sales team experts in regards to “tilting safety” and the standard requirements of DIN EN 60601. Also changes done to the products jeopardise the approval in accordance with DIN EN 60601. Gladly we will provide consulting also in this matter.

### Accessories for Wall and Ceiling Rails

When using accessories for Wall- and Ceiling Rail Systems, the specified maximum load capacity according to the assembly instructions are to be observed. The load capacity of the wall / ceiling must be calculated so that the input forces exerted by the rails can be absorbed.

Relevant safety factors have to be considered. If applicable, static examinations are necessary.

## General Product Information

provita products must only be used in accordance with their intended purpose, and in compliance with applicable statutory provisions, according to commonly accepted technical rules. They must be installed, operated and maintained in accordance with applicable work safety and accident prevention regulations.



They must be installed, operated, and maintained solely by persons with the appropriate training, and adequate knowledge and experience.

Before using any provita product, the user must ascertain its proper functionality and the conditions for effective application of the medical product. The user must also pay attention to the operating manual and other miscellaneous safety-related information and maintenance notes delivered with the product.

A provita product operator must only charge persons, companies or institutions with the maintenance (maintenance, inspection, repair and reconditioning) of medical products, where the individuals concerned have the required technical knowledge, fulfill the necessary conditions, and have the necessary means to properly discharge such duties.

Upon maintenance or repair of medical products, the primary constructional and functional product features relevant to safety and operability must be inspected, in as far as they may have been affected by the maintenance activities performed.

Where safety-related inspections are not mandated, but at the same time are not expressly excluded, the operator shall, in accordance with generally accepted rules of the trade, perform or have such safety-related inspections performed at timely intervals, to enable the detection of any defects that may be expected in the light of past experience. The interval for such inspections shall, however, not exceed a period of two years.

An inspection log is to be created for these safety inspections, detailing the date of inspection and any evaluations made. The operator shall retain such logs at least until the subsequent safety inspection.

### **Disclaimer**

provita medical's product liability shall be limited to the statutory liability requirements for the advertised characteristics of products contained in this catalogue. Any further liabilities – particularly for products from third parties listed in this catalogue - are excluded.

### **Trademarks**

The products depicted in this catalogue may be under patent or subject to intellectual property rights. The reproduction of trademarked products constitutes a breach of the law, and may result in liability for damages. The information and illustrations in this catalogue do not release the user from the obligation to independently establish whether claims could arise from third party intellectual property rights.

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# Packaging and Dispatch Information

In the following, you will be informed about our packaging standards

## 1. As-delivered condition of our products

Generally speaking, our products are delivered in unassembled conditions.

However, there are some products that are shipped in assembled conditions due to their technical characteristics as well as for safety reasons. This concerns for example the Urology Lifter or the Docking Cart „provi-Dock“.

### 1.1 Instructions of use

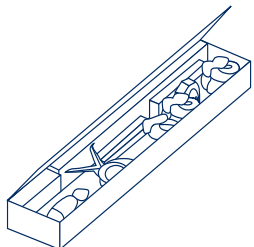
For a proper installation or to install all products on-site, you will be able to find included in the packaging, an installation and operating instruction. This instruction, according to MPBetreibV will advise you concerning the following points:

- o Improper use
- o Liability and Warranty
- o Disposal
- o Cleansing and Maintenance
- o Spare Parts List
- o Maintenance intervals

Please do not throw away these instructions.

## 2. Packaging

### 2.1 Standard-Packaging



You will be able to see on this following picture an example of our standard-packaging for IV-Poles (normal care):

Basically, we pack our products as safe and paying as much attention to a space-saving packaging as possible. That means, we generally use only as much packaging as necessary, avoid the waste of resources and protect the environment.

! Also, we would like to point out that our products are single-packed.

But there are exceptions which apply to the following product groups and are usually double-packed:

- o IV-Poles I-H...(Home Care)
- o IV-Poles I-N...(Normal Care)

You have the option to express your packing requirements in which each respective ordered item will be expanded as followed:

Example: I-H71121 / VE01

- o / **VE01** (equivalent to single-packaging)
- o / **VE02** (equivalent to double-packaging)

We would like to point out that some products have to be delivered in two boxes based on their design or rather their format. This applies for example to our OR IV-Poles. In this case, the base (complete welded construction) and the pole will be packed in two separate boxes.

## 2.2 Project Packaging

Furthermore, there is the opportunity to order a project packaging for all your products. This as well, needs to be shown (in written) on the order:

Example: I-H71121 / VPRO

- o **/VPRO** (equivalent to Project Packaging)

Project Packaging means that, depending on the product, several items could be packed in a bigger packaging unit. And through this, being able to keep logistic costs as low as possible. We base it on, assuming that the order is a project assignment from your side as well.

! A few of our product groups are usually project packed, for example Wall- and Ceiling rails as well as Accessory products.

## 2.3 General Packaging Advices

- External- and Internal packaging material varies depending on weight, sensitivity and size of the product.
- Each individual box is packed with an adequate weight so that the delivered goods can be packed and unpacked protecting your back from any injuries.
- Boxes are sealed with high quality packing bands and/or packing clamps. A good fastening is part of a safe transportation and counts as the proof of originality.  
Nevertheless, we kindly ask to open the box with precaution so that all content stays intact.
- Our packaging boxes are generally not recommended for single packaging shipments - of course, the option of choosing different and suitable packaging that will surely protect the product for multiple shipments is also possible upon request. (see 2.5 Packaging according to Customer Requirements)

## 2.4 Products with a complex Packaging

Some of our products require a more complex packaging and mainly because of their form and their weight. This extensive labour originates through the use of more complicated cardboard boxes demanding a packaging process that is more time-consuming.

These extra packaging costs will be invoiced separately and apply for example to:

- o Lamps, Series 5
- o Docking Cart >>provi-Dock<<
- o Urology-Lifter

## 2.5 Packaging according to Customer Requirements

We will be more than glad to adapt our packaging, if possible, also to the customer desires. Please contact us on this.

## 2.6 Labelling

- Each box will be provided with a Label.

This label contains:

- o Article description
- o Your article number
- o provita article number
- o Customers order number
- o provita order number
- o Quantity / box
- o Month / Year of manufacture

The printing on the labels can be changed in case of bigger orders or OEM-Products.

Example box-label:

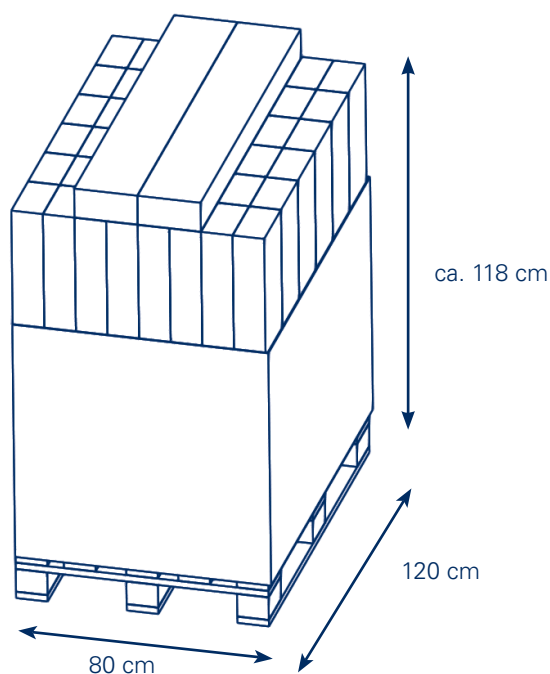
provita <sup>®</sup> medical		CE	
Item description in English		Item description in German	
<b>REF</b>	Your item reference		provita item reference
<b>LOT</b>	Your order number		provita order number
<b>QTY</b>	Units / box		Month/Year of manufacturing
provita medical gmbh 42929 Wermelskirchen, Germany www.provita.de			
382967			

### 3. Environment

- We work together with packaging manufacturers who responsibly base their production onto environmental policies. Thus, our packaging forms part in sustainable forest economy.

### 4. Palletising

Here, you can see examples of palletisation of IV-Poles:



- Where possible, we like to employ returnable pallets of untreated solid wood for shipments (EUR-Pallets -EN13698-1).
- Pallet shipments will be wrapped, so the content cannot get wet. For this, we use transparent shrinkage - and stretch plastic film made of polyethylene.

#### 4.1 Pallet Notes

Each pallet comes with a thoroughly filled pallet note.

This pallet note provides information on:

- o Packaging date
- o provita order number
- o Recipient's name
- o Customer order number
- o Quantity ordered
- o provita article number
- o Article description
- o Your item number (if given)
- o Number of the Pallet / Total-Pallet quantity

Example pallet note:

PALLET NOTE				Packaging date
14-A1-0196				
Your customer name				
YOUR PO NUMBER				
TOTAL ORDERED QUANTITY	Provita article number	Description	Customer ITEM number	Pieces in THIS pallet
100	207357 L16681A	Halogen Examination Lamp	ABC	

## 5. Export-Shipments

- We do not only send out deliveries to customers within Germany but also to customers within the European Union and third countries. For this purpose, we only use packaging material of a high quality in order to assure a safe transport for road transportation as well as for air and sea transportation. Customs/Shipping documents for the corresponding countries comply with all effective Consulate- and Sample regulations.
- To guarantee an efficient and optimal packaging for each of our products, we produce our own cardboard boxes. In addition, we only use untreated pallets according to ISPM-15 for the transport of our products

### 5.1 Export-Documents

Below, you will find an overview of the shipping documents which can be issued to export orders:

- o Export Certification
- o Packing list
- o Certificate of origin
- o EUR1
- o ATR

(These documents will vary according to regulations of the recipient country.)

- We will be glad to arrange the transportation of the ordered goods for you. We have been working very successfully and for many years together with renowned carriers and being able to cover transportation to many countries

#### Important

- If you request to re-pack an already packed order, we would like to inform you that arising but fairly processing fees will be reflected on the invoice. These processing fees cover the modification / new issuing of the Export-Documents as well as the additional re-packing time of the product(s) / box(es)

We hope that you got a good and detailed impression of our product range. Further useful information such as assembly instruction, CE declarations and other news about our products can be found on our website [www.provita.de](http://www.provita.de). The content of this catalog was generated with highest diligence. Nevertheless faults or colour changes cannot be ruled out. Measurements and weights are subject to common market and production deviations. We reserve the right to do changes subject to development steps.

In case of questions or if you would like to receive further copies of our catalog, please call our service hotline under +49 (0) 21 93 / 51 05 -0.

Or feel free to ask for a personal appointment. We would be glad to discuss the development of customized solutions or other options of a cooperation.



## + Customisation

Provita stands for individual product developments and adjustments and has done so for many years. If our standard products do not entirely meet your needs or market demands, we are at your disposal to help you develop a suitable solution.

In this context, we point out that we do not automatically check all customised versions for standard and legal compliance, as the regulations for medical products require extensive analysis, test, audit and evaluation activities, depending on the product type. The 'distributor' and/or operator is responsible for achieving and declaring 'compliance', depending on the product and application. The distributor or operator is to ensure the product's conformity BEFORE its first use, and to ensure the safe use of the product through clear labelling and user training pursuant to MPG [German medical products law] and MPBetreibV [German medical devices operator ordinance] and any other local regulations that may apply.

Changes to electrical products, such as lighting, may invalidate the current approval. Product changes may also affect the electromagnetic compatibility (EMC).

For wall and ceiling rail systems in particular, the overhead operation is to be considered, as well as the static factors (also see 'Static & Installation Instructions'). Changes to the product here, for example, to the leverage effect on the ceiling mount, its connections and wall rail systems may cause a risk of over overloading.

The corresponding custom-made products will be identified with an –X after the article in the listing status. We mark drawings of customised solutions with 'Not for series production'.

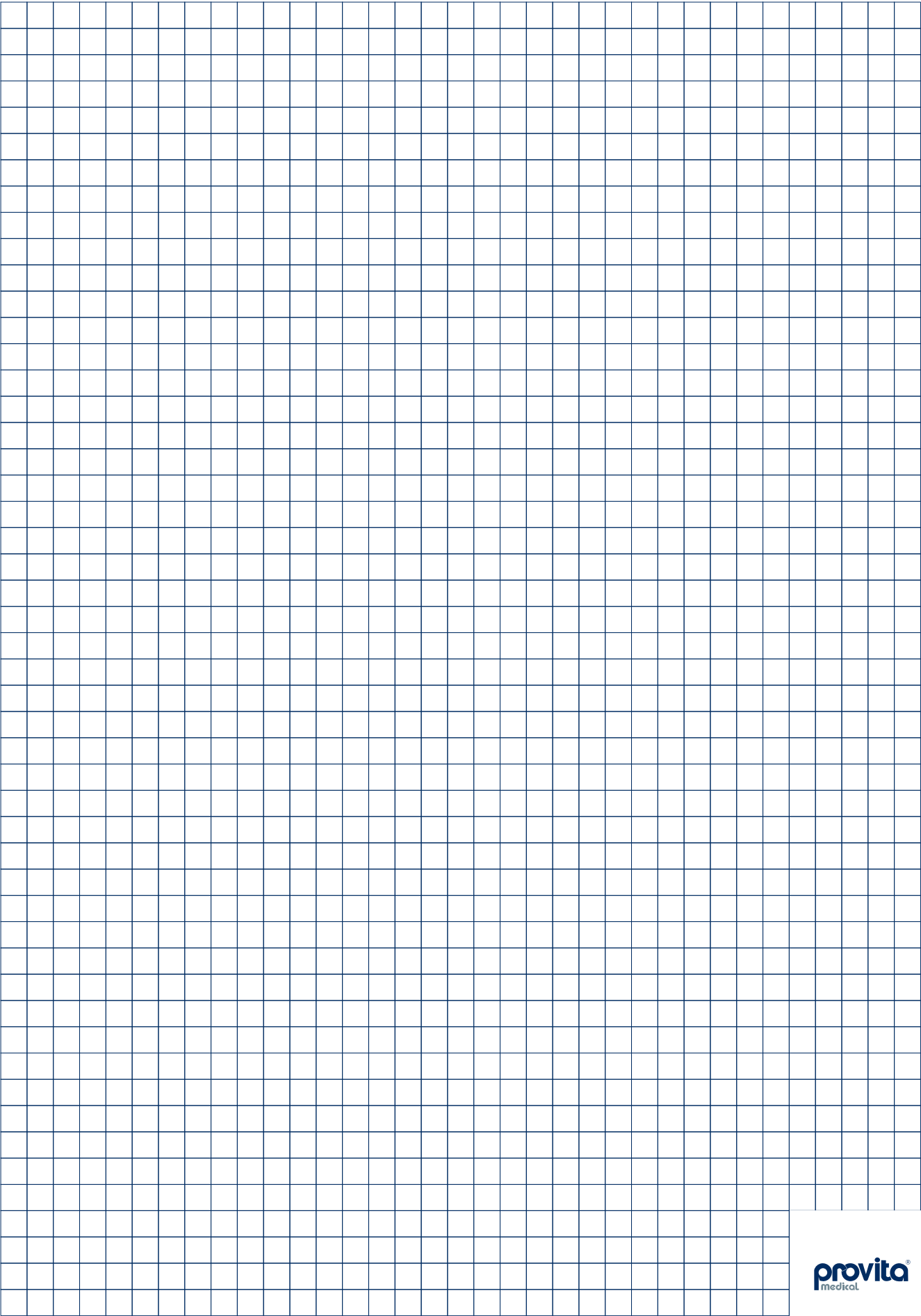
We are happy to clarify any questions you may have. You can also turn to provita's Sales Team for any questions.



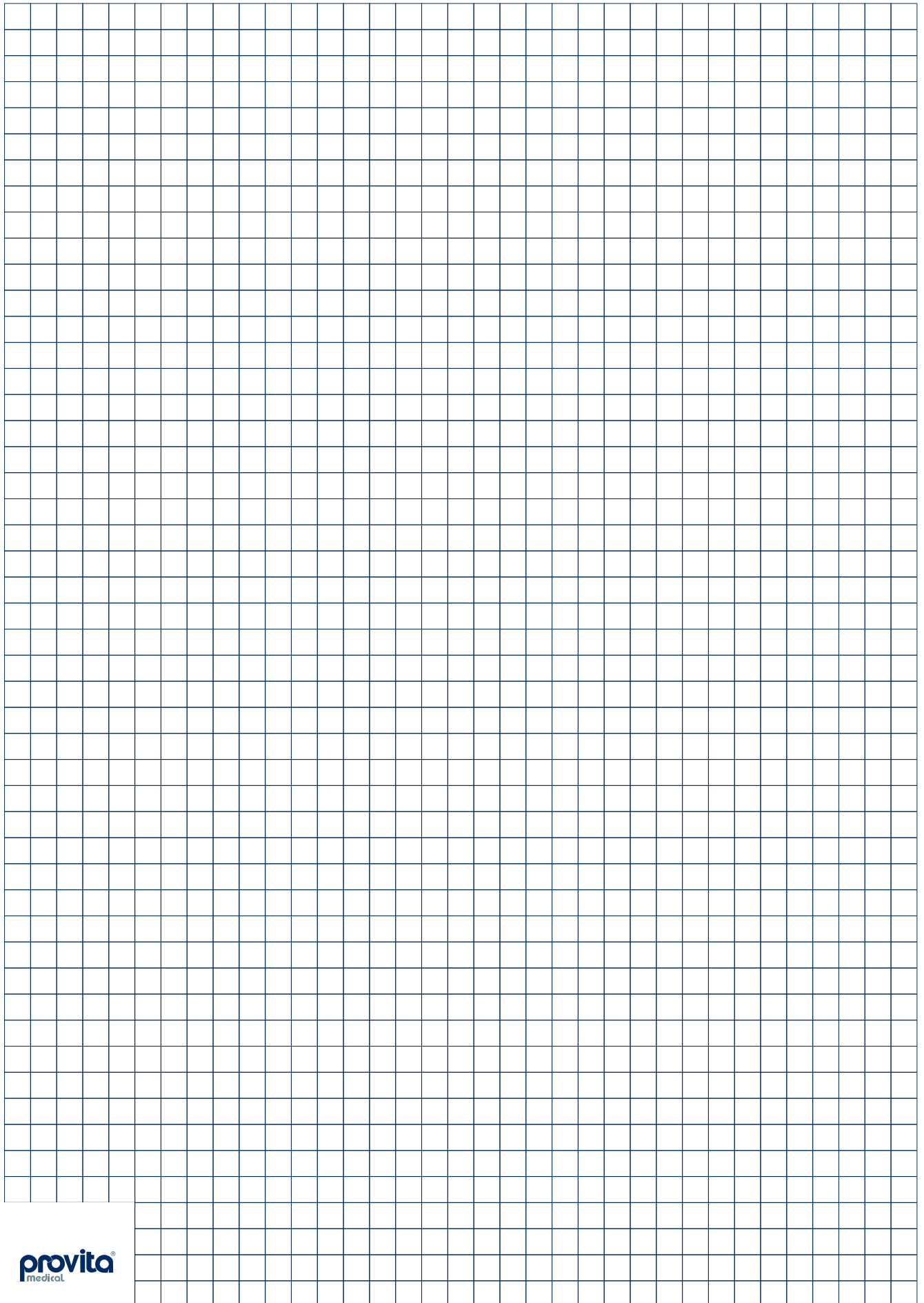




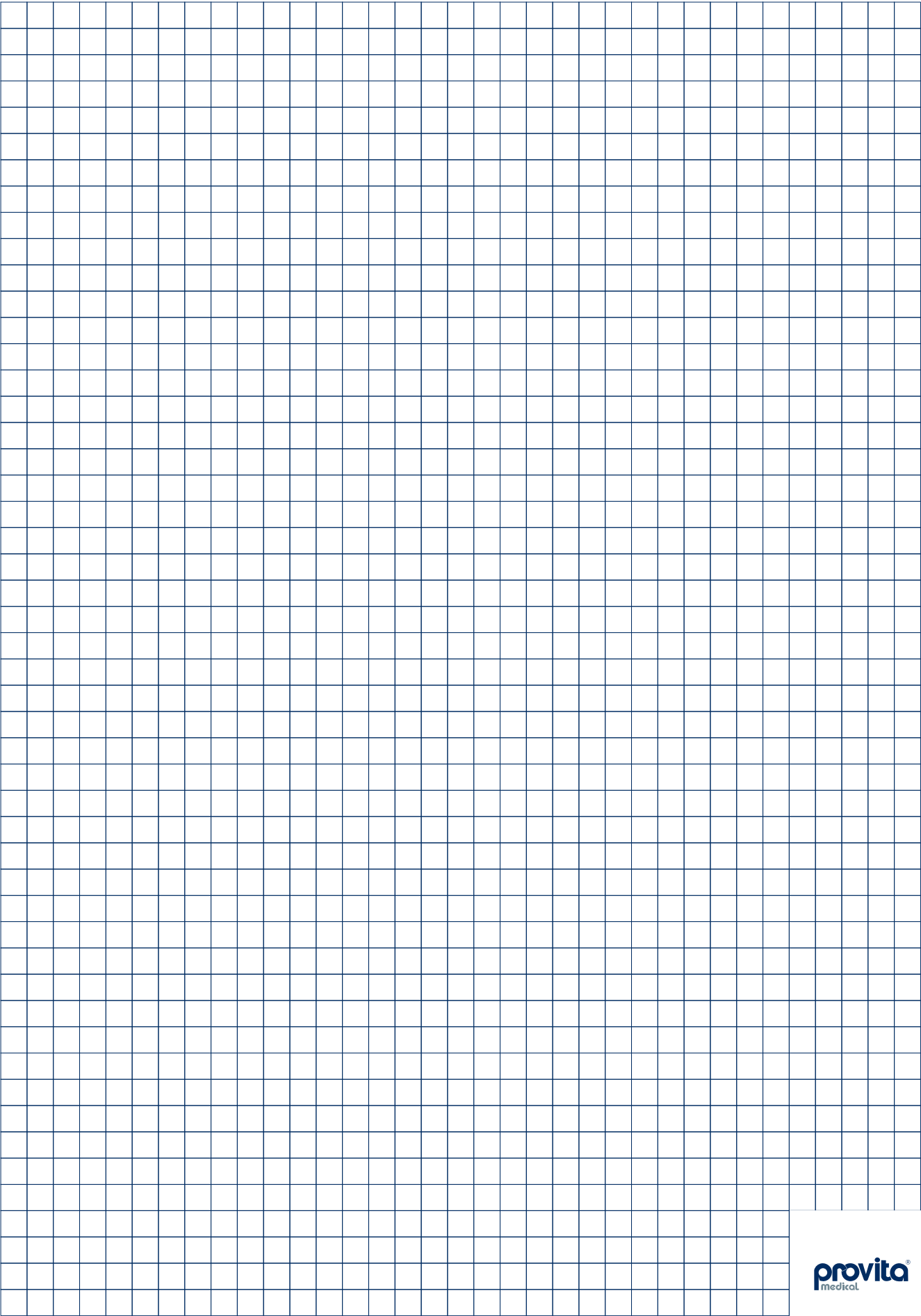
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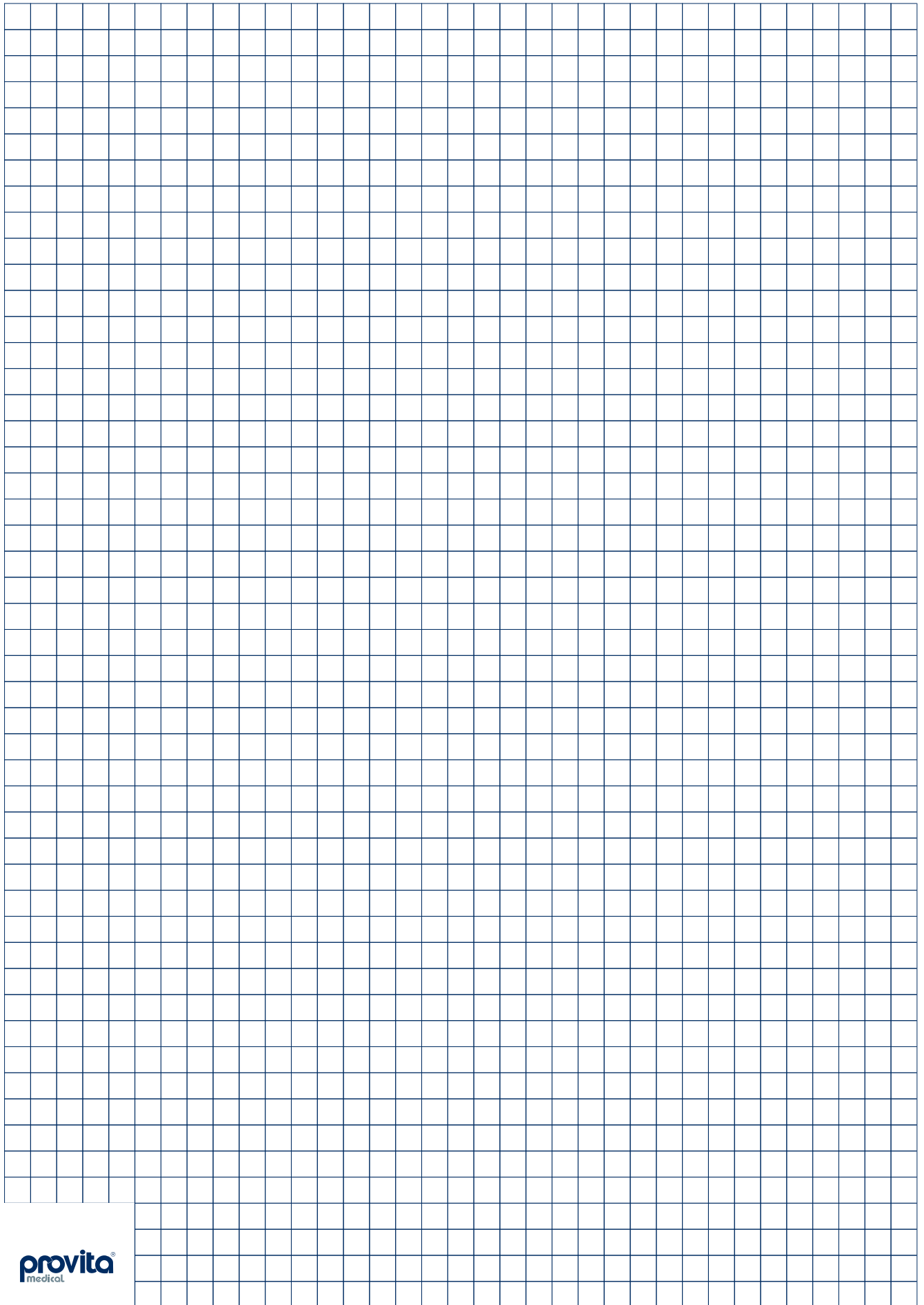


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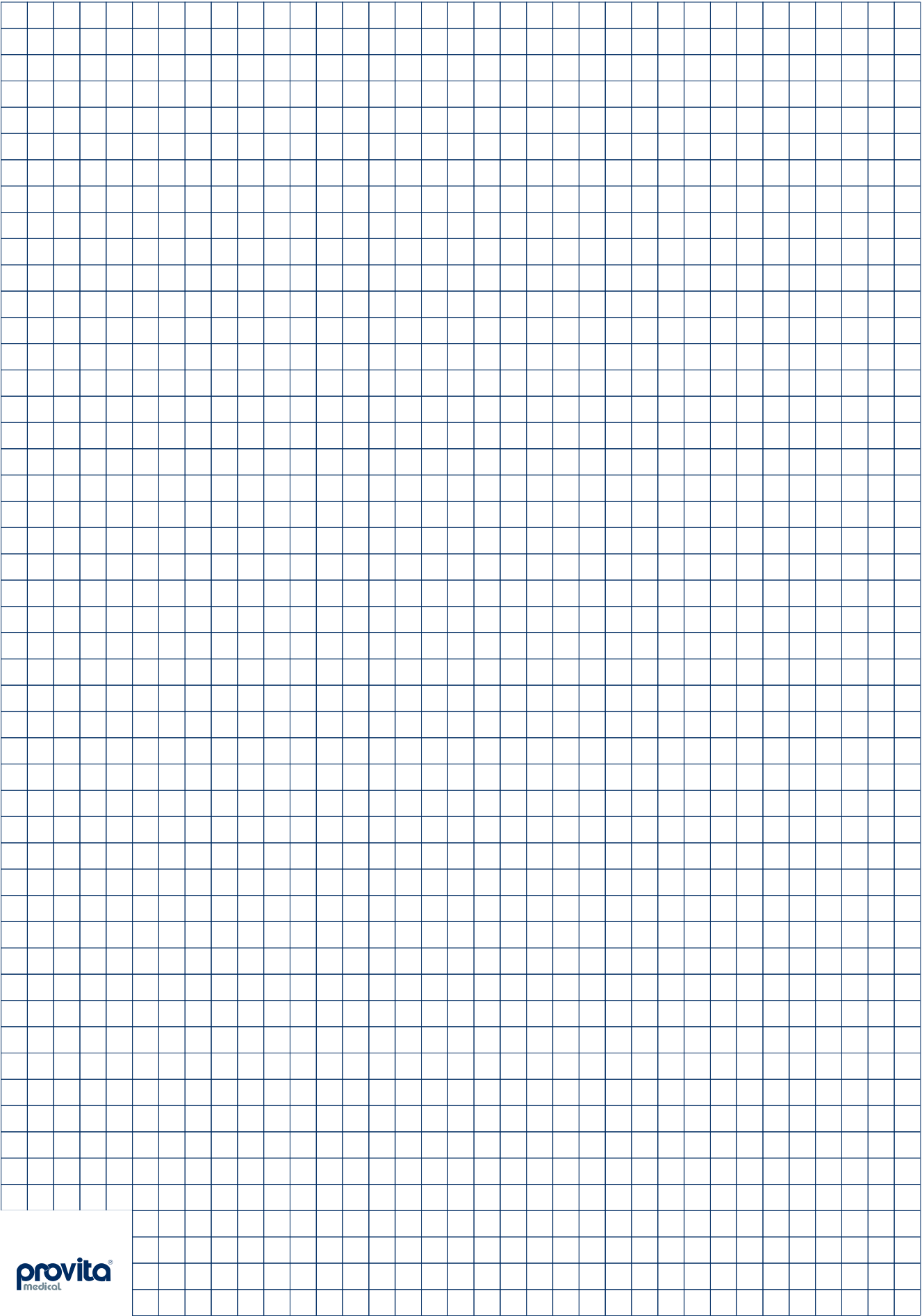


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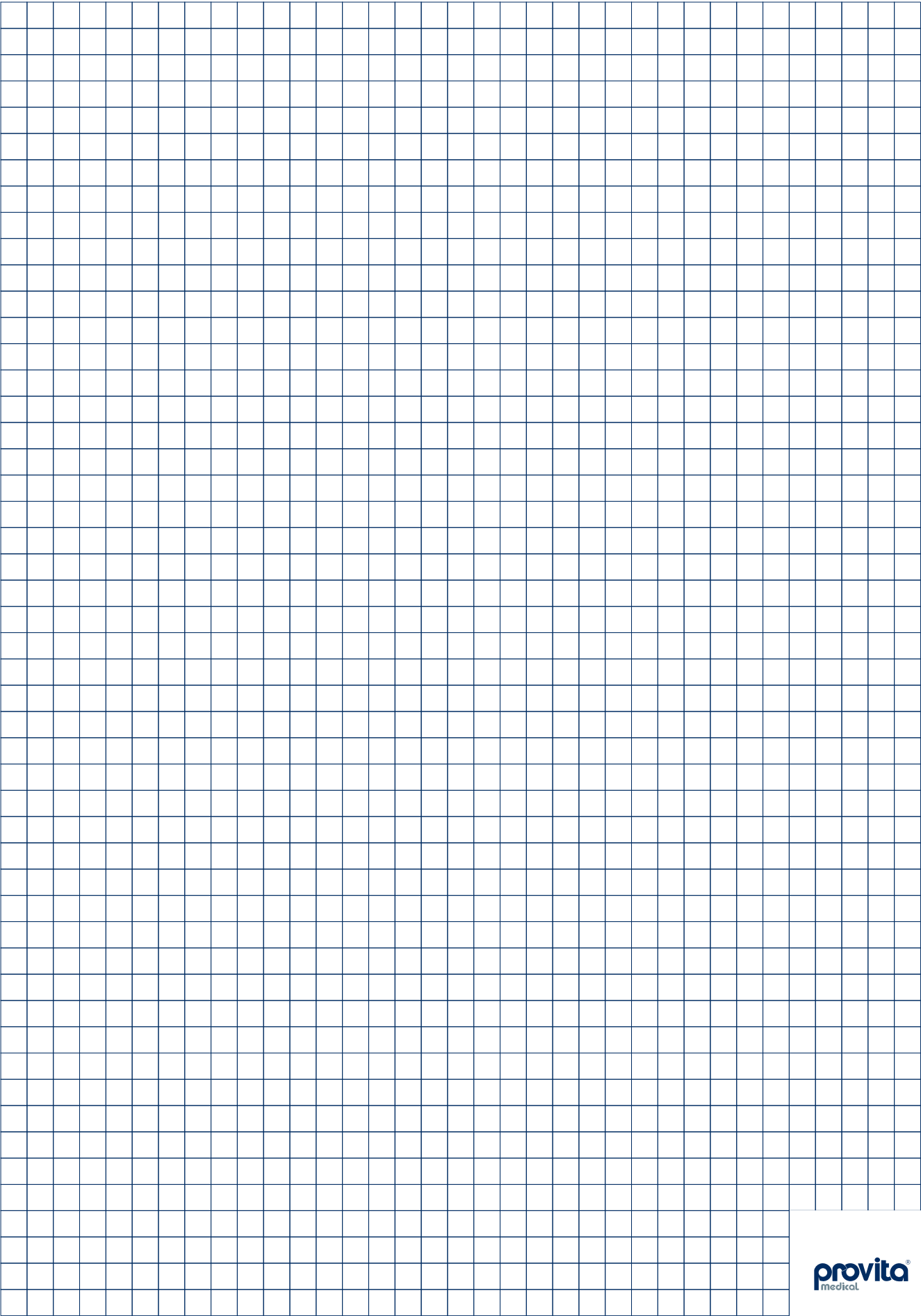


This image shows a full page of graph paper. The background is white, and it is covered by a uniform grid of thin, light blue lines. The grid consists of small squares that extend across the entire area of the page. In the bottom right corner, there is a small logo for "provita medical". The word "provita" is in a bold, dark blue font, and "medical" is in a smaller, lighter blue font directly below it. A registered trademark symbol (®) is located at the end of "provita".

Scale:



Scale:



provita medical gmbh & co. kg

Layout margo.eu

10/2016 Subject to modifications | 10/2016 Release Date





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