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A Sense of Company

With more than 90 years of experience, SCHMITZ is one of the leading international manufacturers of medical products.

A family-owned business with a living tradition. Our typical employee has been with the company for some 18 years, proof of how strongly they identify with our values and philosophy.

In 2012, the company's management passed to Friedrich and Matthias Schmitz, the fourth generation of the family.

We are proud to be located in Germany and are deeply rooted in our home region. We develop and manufacture here.

90% of our suppliers are from Germany, of which 60% are from the local region.



^{&#}x27;The transition to the next generation is always something special.'





A Sense of Care

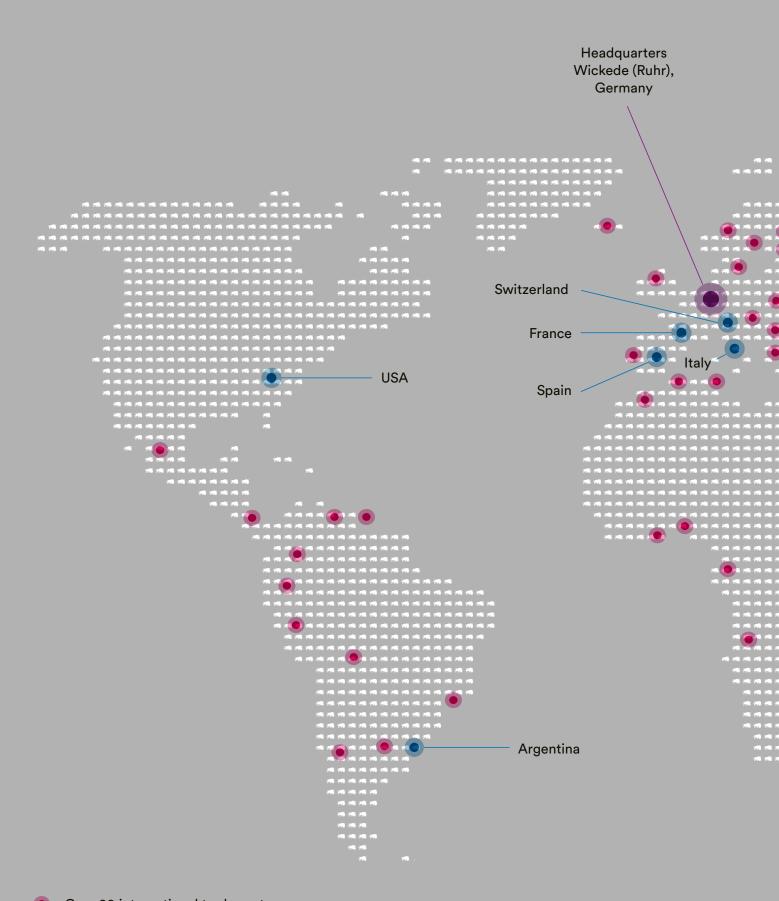
A Sense of Care

We understand the services which are our lifeblood, and aim to achieve maximum customer satisfaction. From consulting through planning to installation.

Cost-effectiveness through longevity is what you can expect from us.

With a well thought-out service concept and comprehensive support, SCHMITZ works alongside you as partner from start to finish.

Technical Customer Service T +49 (0)2377 84 549 service@schmitz-soehne.de



- Over 80 international trade partners
- Sales offices

SCHMITZ – represented worldwide





Design: Rainer Schindhelm

medi-matic[®]

medi-matic® Groundbreaking technology and fascinating design.

The combination of optimised functionality, first-class comfort and elegant design make the medi-matic® the best in its class. Developed to set new standards in daily medical practice and clinical use.

Sophisticated design

Thanks to the high-quality materials and its attractive design, the medi-matic[®] guarantees a professional, confidence-inspiring atmosphere.

Ergonomics and efficient work

Equipped with up to four motors, the medi-matic[®] enables optimal examination positions to help you work ergonomically.

Convenient and safe

Its low starting height of 550 mm makes it perfect for getting on conveniently and easily without a mounting step. The leg positioning systems detach easily – ideal for wheelchair users and for transferring patients.





medi-matic® Intelligent control: The control elements

Illuminated visual display

Keep an eye on everything! The illuminated visual display optically shows all chair movements and also features an electronic diagnostic function.

Additional programmable keys

for seat heating (gynaecology) or water inflow for basin with gyro flushing (urology) and triggering of a cold light source or a colposcope with integrated sockets.

Memory function and simultaneous startup

More time for your patients, less time spent finding the optimal setting on the treatment chair – the result of decades of development and experience. With up to eight memory positions, several doctors can save and access their preferred examination positions at any time.

Soft start-up and ergonomic sequence

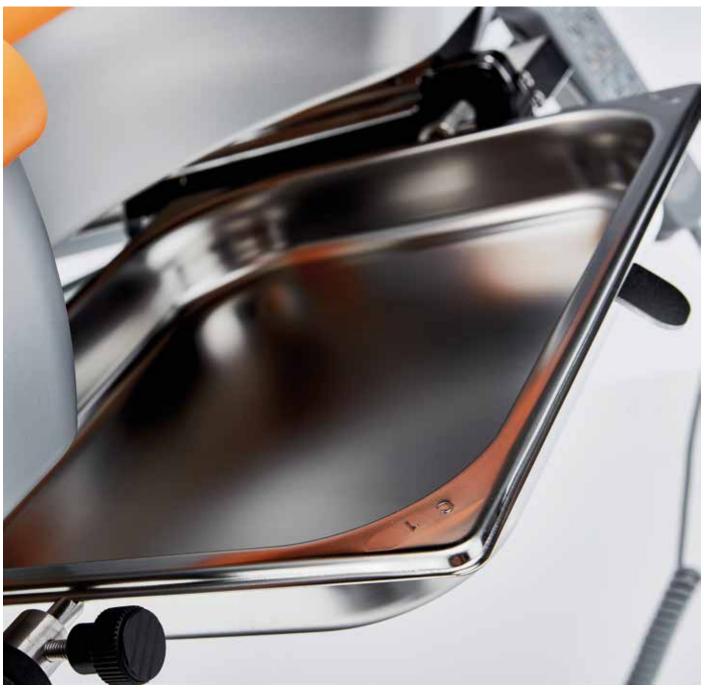
All of the motors of the medi-matic[®] feature a soft start-up and ergonomic motion sequence. Safety for the patient at all times!

Foot or hand operation for

the control of all adjustments.







medi-matic® C€MD Model overview

Model No. Description

115.7150.1 medi-matic® Examination and Treatment Chair

> Electromotive adjustment of Trendelenburg position and back section, and in addition electromotive height adjustment from 600 - 900 mm,

mounting height: 550 mm.

Activation of all functions by means of foot control.

115.7250.1 medi-matic® Examination and Treatment Chair as 115.7150.1, however in addition with memory function for storing of 8 positions. Activation of all functions by means of hand and foot control.

115.7550.1 medi-matic® Examination and Treatment Chair as 115.7250.1, however in addition electromotive adjustment of foot supports. (without foot supports/ Please consider corresponding ref.-no. 101.4420.1 or Göpel-type leg supports 101.4550.0) Activation of all functions by means of hand and foot

control.

All basic models are without leg positioning system, please choose from five options: page 24/25. Optional mobility: page 29.

Discover our new product and colour configurator!









Rinsing basin, plastics, extensible



Storage compartment for paper rolls. Suitable for: 400 mm paper roll width, Ø approx. 140 mm. 500 mm paper roll width, Ø approx. 120 mm.



Removable seat padding for perfect cleaning and easy replacement.



Bracket for manual control unit made of 18/10 stainless steel, can be fitted on the left or right side as required, snap-in function (115.7250.1 and 115.7550.1).



Foot control for 115.7250.1 and 115.7550.1.



Foot control for 115.7250.1 and 115.7550.1 with basin with gyro flushing The water valve is controlled by an additional function key.

medi-matic® Standard equipment

Seat, back and head sections with ergonomic upholstery, rinsing basin of plastics, extensible, storage for paper rolls up to 500 mm width, activation of the adjustment and memory functions via hand and foot control (model-dependent equipment). Base plate with 4 levelling screws, plastic claddings and covers in silver-grey, telescopic cladding of column and seat/back section frame powder coated acc. to colour chart, upholsteries acc. to colour chart. Foot support mounts for quick removal or individual swivelling on a horizontal level of foot supports or Göpel-type leg supports with integrated handles (not available for equipment with side rails 101.1370.0). Connection cable of 3 m with mains plug (upon request, prepared for fixed connection to the wall/earth, without connection cable). Power supply: 230 V, 50 Hz, max. 0.45 kW. Country specific versions available upon request. Safe working load: 200 kg.

Important

Examination chairs with side rails 101.1380.0 at the back section are equipped with a back section pad which is flush with the lateral back section frame, see page 42, middle image.

Electric sockets

Chair can be equipped with 2 power sockets acc. to safety standards EN 60601-1! See page 27.

Country specific versions available upon request.

Subsequent fitting not possible.

Powder coated finish

High quality multilayer gloss paint of extreme knock and scratch resistance. Easy to clean and to disinfect. Resistant to climatic conditions. Available in SCHMITZ colours acc. to colour chart, page 152 (without surcharge). Further optional colours acc. to RAL colour chart at extra charge.

Upholstery

High quality, hard wearing foam rubber with leatherette cover. Available in SCHMITZ colours acc. to colour chart without surcharge (classic and comfort qualities).

Ordering information

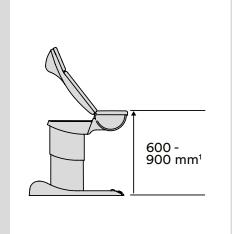
Please specify when ordering:

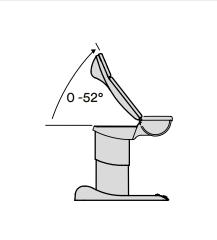
Foot/leg support system: see page 24/25

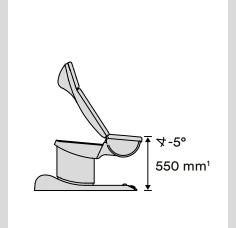
Upholstery colour: see colour chart page 152 Plastic enamel coating: see colour chart page 152

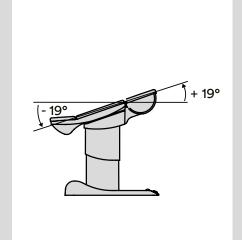
Model No. Description

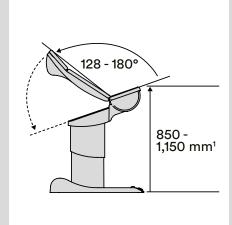
100.0510.0 Further optional colours acc. to (w/o ill.) RAL colour chart at extra charge.

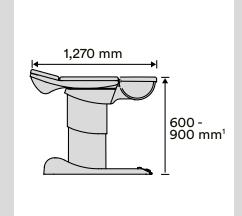


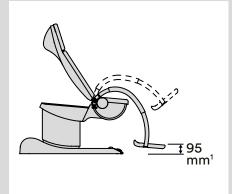












Foot supports can be lowered to 200 mm above floor level with seat section in horizontal pos. or even to 95 mm with seat section inclined by -5° (115.7550.1)



¹ in connection with mobility 101.2300.0 please add 75 mm.

medi-matic® Adjustment functions and dimensions

Dimensions	115.7150.1	115.7250.1	115.7550.1
Base plate	1,050 × 575 mm	1,050 × 575 mm	1,050 × 575 mm
Width of upholstery	Back section 560 - 680 mm, Seat section 585 mm	Back section 560 - 680 mm, Seat section 585 mm	Back section 560 - 680 mm, Seat section 585 mm
Total width	690 mm	690 mm	690 mm
Back section, electr. adjustable	•	•	•
Trendelenburg position, electr. adjustable	-	-	-
Height, electr. adjustable		•	
Memory function		•	•
Rinsing basin	•	•	•
Side rails, seat section	•	•	11
Foot supports, electr. adjustable			
Net weight (w/o access.)	156 kg	156 kg	165 kg
Safe working load	200 kg	200 kg	200 kg
	= standard equ	uipment • = at e	xtra charge



















medi-matic[®] (€™ Leg support systems

Model No. Description

101.4420.1

Foot supports (pair)

with integrated, powder coated handles, can be swivelled to the side, lockable. Leatherette covers for handles acc. to colour chart. Plastic foot support covers of transparent PU material.



101.4550.0 Leg supports, Göpel type (pair)

with integrated, powder coated handles. Leatherette covers for handles acc. to colour chart. Leg supports with integral foam upholstery in silver-grey, including fastening strap, rod of stainless steel 18/10.



101.0369.0 UniLeg leg supports (pair) with peroneal nerve protection E

height-adjustable and spreadable from foot end, with gas spring support, plastic covering with pad for foot and lower leg, adjustable in all positions, with integrated side rail mount.



101.0678.0 UniLeg leg supports (pair) E

Same as model 101.0369.0 UniLeg, but **without** peroneal nerve protector.

Note:

Please note that the alternative 'Price group E' for surgical accessories applies for the two UniLeg models. The retailer discount may therefore vary!



101.2270.0 Göpel leg support (piece)

covered integral foam upholstery in silver-grey, including fastening strap, rod of stainless steel 18/10, excluding attachment clamp. (requires 101.1370.0 and 101.1670.0)

101.1370.0 Side rails (pair)

for the seat section, stainless steel 18/10, 25×10 mm, 290 mm long.

101.1670.0 Attachment clamp (piece)

revolving, stainless steel 18/10, for installation on side rails.

101.1580.0 Hand grip (piece)

integral foam upholstery in silver-grey, for installation on side rail 101.1370.0. (only in combination with Göpel leg supports 101.2270.0)



101.2310.0 Ergo Steps (pair)

leg support system with adjustable heel/calf troughs, grey plastic, can be swivelled to the side, integrated handles of circular tube in the same colour as the chair. Attachment elements in stainless steel 18/10, for installation on side rails. (require 101.1370.0)

medi-matic[®] (€™ Accessories for all disciplines

Model No. De

Description



101.4450.0 Leg plate

extensible, integrated into seat section frame, with integral foam pad, grey (L 340 x W 470 x H 20 mm). Safe working load: 50 kg. (subsequent fitting possible, please contact our service dept.)



101.4460.0 Intermediate upholstery

push-in-upholstery of integral foam, grey, for extensible leg plate 101.4450.0. (subsequent fitting possible)



101.4470.0 Leg plate

push-in plate, upholstered (L 620 x W 550 x H 45 mm), leatherette cover acc. to colour chart. Safe working load: 50 kg. (subsequent fitting possible, please contact our service dept.)



101.3720.0 Head cushion

leatherette cover acc. to colour chart.



101.4810.1 Protective cover

for the upholstery of the seat section.



100.1760.0 Paper roll

400 mm wide, stored into the integrated compartment.



101.6540.0 Shelf with supporting arm

can be rotated and swivelled, e.g. for instruments and equipment. Utilisable space: 309×285 mm, safe working load 10 kg.



101.4900.0 2 Power sockets for 115.7150.1

acc. to EN 60601-1. (subsequent fitting not possible)

101.4910.0 2 Power sockets for 115.7150.1 - "Swiss type" socket

similar to 101.4900.0, but "Swiss type" socket. (subsequent fitting not possible) Other country-specific sockets available on request.



101.6800.0 2 Power sockets for 115.7250.1 and 115.7550.1

according to EN 60601-1, activation of 1 socket by manual control unit. (subsequent fitting not possible)

101.6810.0 2 Power sockets for 115.7250.1 and 115.7550.1

Swiss design

similar to 101.6800.0, but "Swiss design". (subsequent fitting not possible) Other country-specific sockets available on request.

medi-matic® C€™ Accessories for all disciplines

Model No.

Description



101.4750.0 Foot rest for the doctor

stainless steel

(not possible in combination with the gyro flushing

basin 101.4940.0/101.4990.0)



101.4520.1 Mounting step

fixed to the chair, movable, tread of plastic material in silver-grey, (not possible in combination with mobility 101.2300.0 or gyro flushing basin 101.4940.0/101.4990.0)





101.4800.1 Plastic covers (pair)

of transparent material, as foot support protection.



101.2300.0 Mobility

4 double castors, Ø 75 mm, lockable and electrically conductive. (subsequent fitting possible)
Not available in combination with the gyro flushing basin 101.4940.0/101.4990.0 and the mounting step 101.4520.1.

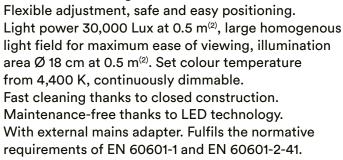
Note:

May not be used for patient transport!

medi-matic[®] (€™ LED examination light

Model No. Description

101.3140.0 LED examination light*



With rail clamp for attachment to existing side rail, for examination chairs of the series **medi-matic**[®], **arco or arco-matic**[®].

For medi-matic® examination chairs without side rail at the seat section, please consider telescopic rod 101.3110.0/101.3120.0 or 101.0313.0!



101.3150.0 LED examination light*

Same as model 101.3140.0, but with additional rail clamp and rail bracket, for examination chairs from the **medi-matic®**, **arco or arco-matic®** series with side rails on the seat section.

The arm can be used to increase the pivoting angle of the LED examination light to ensure straightforward use with examination chairs with electrically adjustable leg supports.



Note:

The LED examination light <u>cannot</u> be used in conjunction with the integrated version of the vidan®2 video colposcope!



medi-matic[®] C€™ LED examination light

Model No. Description

101.3110.0 Telescopic rod, right*

For attaching LED examination light 101.3140.0 on the right-hand side directly to the medi-matic® examination chair, continuously height-adjustable from 600 mm to 970 mm, made of stainless steel.



but for attachment on left-hand side.



^{*} This product is an article of merchandise, sold under OEM brand name.



101.3130.0 Telescopic rod for colposcope support*

Stand pipe for attaching LED examination light 101.3140.0, for use on medi-matic® examination chair with colposcope support, continuously height-adjustable from 800 mm - 1,400 mm, made of stainless steel. Can be retrofitted to existing colposcope support.

medi-matic® C€™ Accessories for gynaecology

Model No.

Description

101.2050.0 Stainless steel basin, flat

 $325 \times 265 \times 40$ mm.

Surcharge



101.2010.0 Stainless steel basin, deep

 $355 \times 325 \times 65$ mm.

Surcharge



101.4620.1 Seat heating

activated or switched off by manual control unit. Average power consumption approx. 20 watts, adjustable indication of temperature via display. (not available in combination with gyro flushing basin 101.4940.0 or for exam. chair model no. 115.7150.1)



101.4310.0 Colposcope support (w/o colposcope) for Leisegang, Leica, Kaps and Zeiss systems, R.H. or L.H. fitting. For Kaps and Zeiss systems,

please order necessary mounting tube with attachment from your colposcope supplier.

For information on the integrated SCHMITZ vidan®2 Full-HD Video colposcope, please see page 48 ff.



medi-matic[®] (€№ Recommended accessories for gynaecology

	Model No.	Description	115.7150.1	115.7250.1	115.7550.1
1 x	101.3720.0	Head cushion	•	•	•
1 x	101.4620.1	Seat heating		•	•
1 x	101.4900.0	2 Power sockets	•		
1 x	101.6800.0	2 Power sockets		•	•
	Leg/foot support systems, optionally:				
2 x	101.2270.0	Göpel-type leg supports (piece)	•	•	
2 x	101.1670.0	Attachment clamps (piece)	•	•	
1 x	101.1370.0	Side rails (pair)	•	•	
2 x	101.1580.0	Hand grips (piece)	•	•	
	alternatively:				
1 x	101.4420.1	Foot supports (pair)	•	•	•
	alternativel	y:			
1 x	101.4550.0	Göpel-type leg supports (pair)	•	•	•
	alternatively:				
1 x	101.2310.0	Ergo-Steps (pair)	•	•	
1 x	101.1370.0	Side rails (pair)	•	•	
	Full-HD video colposcope:				
1 x	113.0007.0	Video colposcope vidan®2		•	•
1 x	101.0531.0	Connectivity			
		package		•	•
	alternativel	package		•	•
1 x		package	•	•	•

For more information on the vidan®2, see page 48 ff.





medi-matic® for urology

The medi-matic® examination chair is also an asset in urology and urodynamics thanks to specialist and sophisticated accessories.

medi-matic[®] (€™ Additional accessories for urology, urodynamics

Model No. Description

101.4940.0 Basin with gyro flushing

for models 115.7250.1 and 115.7550.1, stainless steel 18/10, large and round basin Ø 360 mm extensible, swivel-type, lockable in any position, version for greater hygiene without profile, odour sealing by siphon trap at site (wall/floor system), water regulation activated by foot control or hand control, flexible outlet hose and connecting piece, Ø 40 mm. According to DIN EN 1717.

No plastic rinsing basin as standard fitting.
(No subsequent installation possible; cannot be used in conjunction with seat heating 101.4620.1) Incl. plastic cover 101.4810.1 for the seat section upholstery.



for model 115.7150.1, water regulation activated by foot control integrated into the base plate cladding, for the rest, same execution as 101.4940.0.

100.1840.0 Sieve

round, stainless steel, for basin with gyro flushing.

101.4970.0 Bracket

stainless steel, lateral storing on LHS or RHS, for basin with gyro flushing.









Model No. Description

101.2020.0 Rinsing basin

stainless steel 18/10, W 350 x L 325 x D 65 mm, with outlet, stopper and hose 3/4", 1,200 mm long. Replaces the standard plastic rinsing basin. Incl. plastic cover 101.4810.1 for the seat section upholstery.

100.1350.0 12-litres bucket

stainless steel 18/10, with recess in the lid to insert hose.



101.6600.0 Drain gutter for fluids

made of stainless steel, for installation behind the seat section.



101.4950.0 Special seat section pad

for urodynamics section, W 585 mm, L 350 mm. Replaces standard seat section pad.

Surcharge

101.4960.0 Adapting section

as extension, two-piece, for Urodynamics section, each piece: W 220 mm, L 150 mm. (requires side rails 101.1390.0)

medi-matic® C€MD Additional accessories for urology, urodynamics

Model No.

Description

101.4980.0 Supporting bar

for upright positioning (80°) of the back section upholstery.



101.1380.0

Side rails (pair)

stainless steel, 25×10 mm, fixed to back section, for the attachment of accessories, 480 mm long. (subsequent fitting not possible)

Note:

Examination chairs with side rails 101.1380.0 at the back section are equipped with a back section pad which is flush with the lateral back section frame.

Further accessories such as arm rest and infusion pole for mounting on the side rails can be found in our catalogue for OR table accessories, no. 92.



101.1390.0 Side rails (pair)

stainless steel, 25 × 10 mm, 150 mm long, for the seat section, usable with 101.4420.1 or 101.4550.0, for fixation of the adapting section 101.4960.0.

(subsequent fitting not possible)

Model No. Description







medi-matic® C C MID Recommended accessories for urology

	Model no.	Description	115.7150.1	115.7250.1	115.7550.1
1 x	101.3720.0	Head cushion	•	•	•
1 x	101.4900.0	2 Power sockets	•		
1 x	101.6800.0	2 Power sockets		•	•
	Choice of a	ccessories:			
1 x	101.4990.0	Gyro flushing basin	•		
1 x	101.4940.0	Gyro flushing basin		•	•
1 x	100.1840.0	Sieve	•	•	•
1 x	101.6600.0	Drain gutter for fluids	•	•	•
	alternatively	y:			
1 x	101.2020.0	Rinsing basin with outlet	•	•	•
1 x	100.1350.0	12 l bucket	•	•	•
1 x	101.6600.0	Drain gutter for fluids	•	•	•
	Leg/foot su	pport systems, optio	nallv		
2 v	101.2270.0	Göpel-type leg	nuny.		
<i>L</i> X	101.2270.0	supports (piece)	•	•	
2 x	101.1670.0	Attachment clamps (piece)	•	•	
1 x	101.1370.0	Side rails	•	•	
2 x	101.1580.0	Hand grips	•	•	
	alternatively	y:			
1 x	101.4550.0	Göpel-type leg supports (pair)	•	•	•
1 x	101.1380.0	Side rails	•	•	•
1 x	101.0019.0	Arm rest	•	•	•



medi-matic[®] (€™ Recommended accessories for urodynamics

	Model no.	Description	115.7150.1	115.7250.1	115.7550.1
1 x	101.4950.0	Special pads	•	•	•
1 x	101.1390.0	Side rails (pair)	•	•	•
1 x	101.4960.0	Adapting section (two-piece)	•	•	•
1 x	101.4970.0	Bracket³ (piece)	•	•	•
1 x	101.4980.0	Supporting bar (piece)	•	•	•
	Leg/foot support systems, optionally:				
2 x	101.2270.0	Göpel-type leg supports (piece)	•	•	
2 x	101.1670.0	Attachment clamps (piece)	•	•	
1 x	101.1370.0	Side rails (pair)	•	•	
2 x	101.1580.0	Hand grips	•	•	
	alternatively:				
1 x	101.4420.1	Foot supports (pair)	•	•	•
	alternatively:				
1 x	101.4550.0	Göpel-type leg supports (piece)	•	•	•
1 x	101.1380.0	Side rails (pair)	•	•	•
1 x	101.0019.0	Arm rest (piece)	•	•	•

³ Note: This bracket is required for lateral storage of the gyro flushing basin 101.4940.0 or 101.4990.0.



vidan²

The first integrated Full HD video colposcope with touchscreen monitor.

The technically advanced video colposcope with Full HD and an integrated computer in the examination chair is the ideal addition to the medi-matic[®] examination chair.

Precise, bright, comfortable.

Maximum precision with Full HD

A successful colposcopy depends on details that can only be detected with maximum image quality. vidan®2 aids in diagnosis. Supports all common interfaces for integration into your own network.

Doctor-patient relationship

The freely swivelling, rotating and tilting monitor provides optimal display of the examination and allows the patient to be involved in the examination if she wishes. Build trust through dialogue.

Ergonomic and time saving

The integrated computer guarantees that the examination results can be backed up quickly and easily right on the medi-matic[®] examination chair. vidan[®]2 can be used in an optimally ergonomic, fatigue-free sitting position, thus facilitating the physician's work.













vidan²

Easy to handle

The control elements

Clearly arranged operating elements for an intuitive control and handling of the video colposcope.

Two freely definable magnification values, which can be easily accessed at the touch of a button, help reduce the examination time.

Transfer of ultrasound images

The vidan®2 screen display can be switched over to the connected ultrasound scanner or another digital video source. The swivel functions of both monitor and monitor arm allow integrating the patient into the examination and diagnostics.

Training of assistant physicians

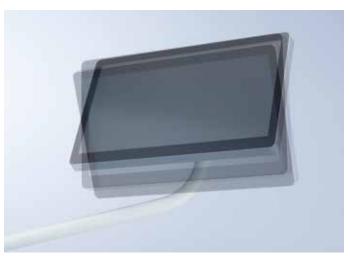
The HDMI interfaces allow mirroring the image currently displayed on the vidan[®]2 monitor on another screen. This feature can be used to support the training of assistant doctors.

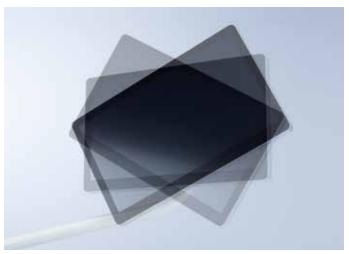
Uninterruptible Power Supply (UPS)

In the event of an unexpected voltage drop or sudden power cut, the Uninterruptible Power Supply will provide voltage for a maximum of 2 minutes. The UPS will put the system into safe mode and will save any unsaved data. The computer on the vidan®2 will only restart once the UPS has charged to 90%.











vidan°2

Flexibility in display

Freely swivelling screen

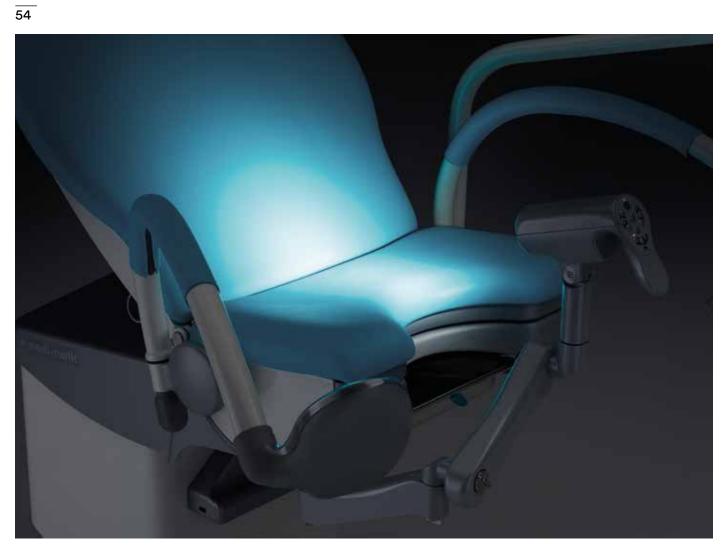
The freely swivelling, turning and inclinable screen supports an ideal visualisation of the examination. The 160° swivelling monitor arm allows the patient to be integrated even more closely into the examination and diagnostics.

Input via touch screen

Patient data can be entered directly via the touchscreen of the monitor.

Easy to handle

Switching to the external video source directly at the monitor.





Ultra-bright: LED illumination with green light/green colour filter

Examination light

Ultra-bright LED illumination with a colour temperature of approx. 5.700 K and 2 stages of brightness. An additional stage serves as an examination light with an impressive realistic colour display and a brightness of 30.000 Lux at 250 mm distance.

Green light/green colour filter

Green light with an additional electronic green colour filter can be enabled for an improved visualization of the vascular structure in Pap smears. It increases the contrast and supports enhancement of individual structures, thus facilitating the physician's work.











vidan²

Outstanding: image quality and technology

Zoom

The variable zoom allows different views to be displayed with pinpoint accuracy. Up to 36.5x variable optical magnification means that even the tiniest details can be displayed in Full HD quality. Two freely definable zoom values, can be easily accessed at the touch of a button.

Autofocus

Autofocus independent of the zoom factor is active in a working distance of 250 - 330 mm. In addition, the focus can be readjusted manually.

Displaying

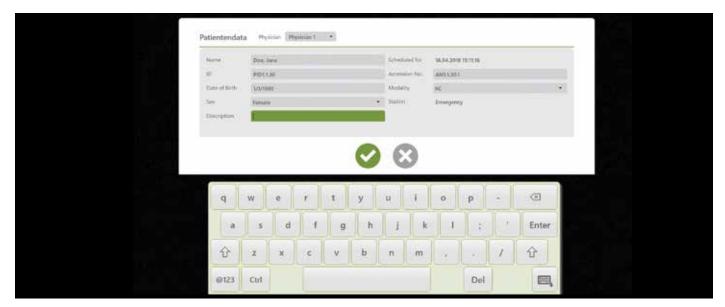
Displaying and evaluation of the examination area on a 21,5" monitor. The excellent full HD image quality facilitates diagnostics and decision-making for the correct treatment. Thus, high-precision technology provides an additional safety bonus for the patient.

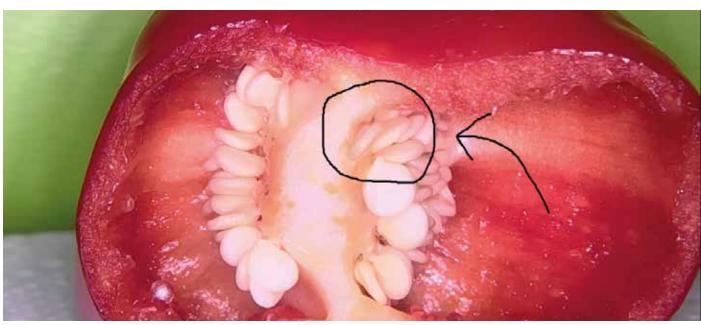
Green light

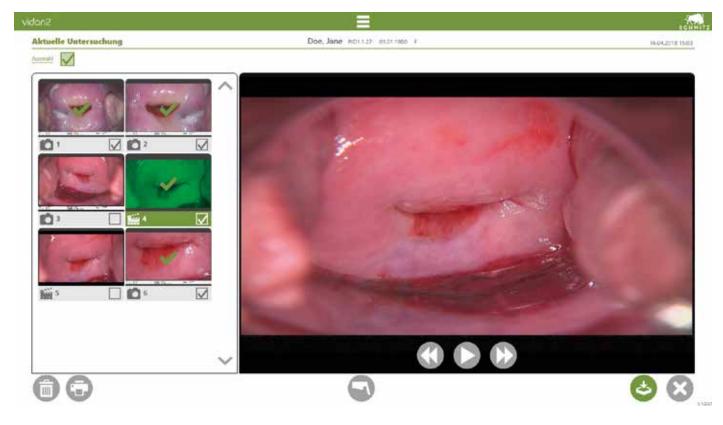
Green light for an improved visualization of the vascular structure (please see also page 55).

Foot control

The "Save Image/Video" function can additionally be triggered by a button on the foot control of the medi-matic® examination chair.







vidan°2 software:

The integrated solution for efficient working – comfortable, fast and easy to operate

Easy creating of new personal entries directly via the touchscreen monitor

Patient allocation can therefore be done directly at the examination chair. If the vidan®2 has been integrated into an existing medical/hospital information system, patient data can also be accessed from the system or a worklist.

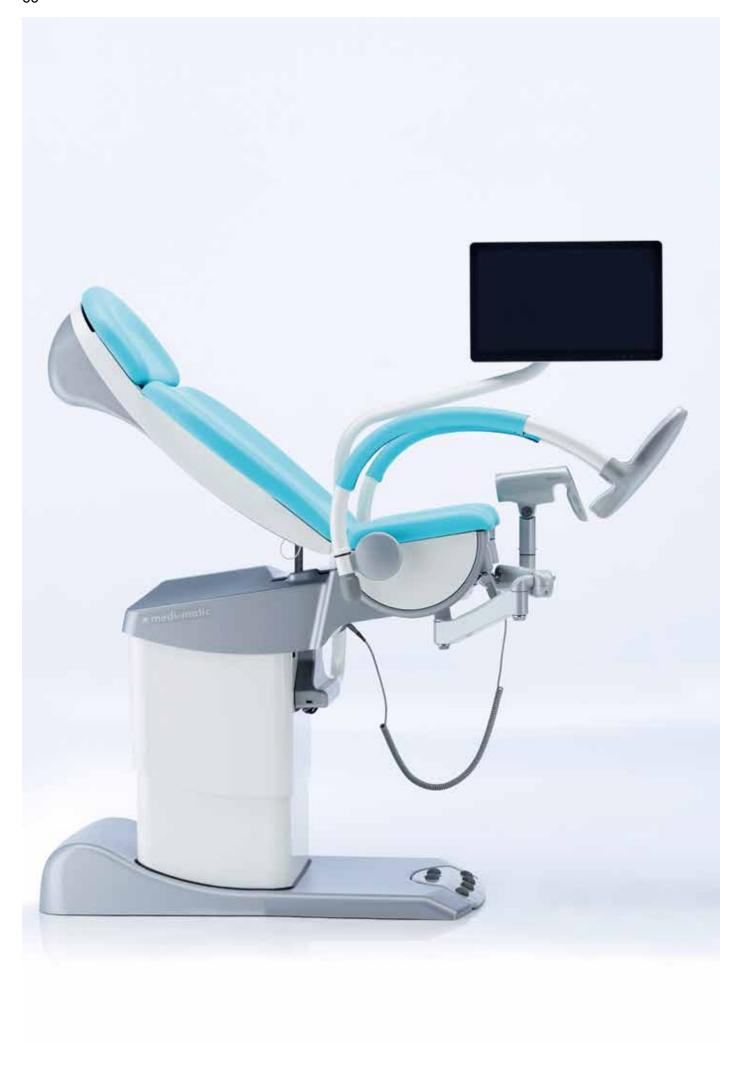
User-friendly to the last detail

New images or videos are automatically allocated to the patient. The pre-installed SCHMITZ software includes a useful comment function for annotating images.

Selecting created images/videos for

archiving in the patient file.

The data can also be exported to a drop folder in the local network or to a USB stick connected to the examination chair.



vidan°2 CEMD

Outstanding image quality and technology

Model No. Description

113.0007.0 Video colposcope vidan®2, integrated

autarkic system with integrated computer and 21,5" touch screen monitor. Video colposcope on a freely adjustable arm, mounted on the right hand side (patient's view), with LED light, monitor arm mounted on the left hand side (patient's view) by default, monitor can be rotated, tilted and swivelled. Monitor arm swivelling through 160°, powder coated in chair colour. Video colposcope with swivel arm powder coated in RAL 9006 white aluminium. Monitor in grey/anthracite colour. Add'l "Image/Video save" button on the foot control. With network interface, HDMI and USB input. Including pre-installed SCHMITZ vidan®2 software for viewing and archiving.

The integrated video colposcope vidan®2 113.0007.0 is available with the purchase of a medi-matic® examination chair model 115.7250.1 or 115.7550.1. For detailed information regarding the examination chairs, see page 15.



101.0531.0 Connectivity package

(w/o ill.) to expand the connection options of vidan®2.

The package includes an additional HDMI input and

an HDMI output.

The connectivity package is not retrofittable!

Please refer to the notes and possible options for connecting to the medical practice software on page 73!

Please note:

There will be a limited view to the monitor when using the Göpel leg supports and adjusting the Trendelenburg position exceeding approx. 16°.

The video colposcope 113.0007.0 cannot be used in combination with following accessories for medi-matic® examination chairs:

101.4940.0 Gyro flushing basin

101.4990.0 Gyro flushing basin

101.4970.0 Bracket

101.4310.0 Colposcope support

101.6540.0 Shelf with supporting arm



vidan°2

Technical Data

Full-HD 1080p
1,920 × 1,080 pixels
Up to 36.5x continuous optical magnification on vidan®2 monitor. Two freely definable zoom values, can be easily accessed at the touch of a button.
250 – 330 mm
autofocus and manual focus
manually
green light with electronic filter
3 stages of brightness up to max. 30.000 lux
5,700 K
10 years
image (JPEG) and video (MPEG4) of max. 1 minute length, still frame
21,5" Full HD monitor with medical approval
at the monitor, display of images coming either from the video colposcope or from a 2nd or 3rd digital video source (optional)
up to 2 minutes
already pre-installed, to support a linear workflow from viewing to archiving
 USB 3.0 Type A LAN (RJ45 Gigabit Ethernet) HDMI-IN (one port included as standard, one additional port can be added via the optional connectivity package) HDMI-OUT (one port via the optional connectivity package)

Possibly required network or HDMI cable or USB media devices are $\underline{\mathsf{not}}$ included in the delivery!

For more detailed information about dimensions, adjustment and tilt angles, please don't hesitate to get in touch with us!



vidan[®]2 65

vidan°2

The mobile Full HD video colposcope Versatility wherever it's needed!







vidan°2

The mobile Full HD video colposcope Precise – bright – easy to handle

Pre-installed SCHMITZ software

with a pen and comment function for annotating images.

Images and videos are archived

via LAN connection, a secure WLAN connection or USB port; an optional connection by DICOM, GDT or HL7 port is possible – please see note in the Technical Data.

The vidan®2 can be flexibly positioned

around the treatment chair, making it comfortable and efficient to use.

The solid 5-arm base

with individually locking castors ensures stability at all times.



vidan°2 mobile <€™ Model overview

Model No. Description

113.0009.0 vidan[®]2 video colposcope, mobile

Mobile system with integrated computer and 21.5" touchscreen monitor, can be wheeled on base with 5 locking castors, Ø 100 mm, mobile base 815 × 660 mm, total height 1,700 mm. Video colposcope with LED lighting on free-moving swivel arm, 1,000 mm long. Tilting, inclinable monitor with three height settings. Mobile base powder-coated in RAL 9006 white aluminium and RAL 7016 anthracite grey, swivel arm powder-coated in RAL 9006 white aluminium, monitor in grey/anthracite, with network interface, WLAN, USB port and HDMI input. Includes pre-installed SCHMITZ vidan®2 software for viewing and archiving.

101.0620.0 Connectivity package

(w/o ill.)

for upgrading the connection options of the vidan[®]2. The package includes an additional HDMI input and an HDMI output. With an extra foot control to save images/videos. (cannot be added later)

Please refer to the notes and possible options for connecting to the medical practice software on page 73!



vidan°2 **mobile**

Technical Data

Camera	Full-HD 1080p			
Resolution	1,920 × 1,080 pixels			
Magnification	Up to 36.5x continuous optical magnification on vidan®2 monitor. Two freely definable zoom values, can be easily accessed at the touch of a button.			
Working distance	250 – 330 mm			
Focussing	autofocus and manual focus			
White balance	manually			
Colour filter	green light with electronic filter			
LED illumination	3 stages of brightness up to max. 30.000 lux			
Colour temperature	5,700 K			
Lifespan of LED	10 years			
Recording function	image (JPEG) and video (MPEG4) of max. 1 minute length, still frame			
Monitor	21,5" Full HD monitor with medical approval			
Switching function	at the monitor, display of images coming either from the video colposcope or from a 2nd or 3rd digital video source (optional)			
Uninterruptible Power Supply	up to 2 minutes			
vidan®2 software	already pre-installed, to support a linear workflow from viewing to archiving			
Ports	 USB 3.0 Type A LAN (RJ45 Gigabit Ethernet) WLAN (encrypted connection) HDMI-IN (one port included as standard, one additional port can be added via the optional connectivity package) HDMI-OUT (one port via the optional connectivity package) Connection interface for foot control (connectivity package required – cannot be added later) 			
Possibly required network or HDMI cable or USB media devices are not				

Possibly required network or HDMI cable or USB media devices are $\underline{\mathsf{not}}$ included in the delivery!

For more detailed information about dimensions, adjustment and tilt angles, please don't hesitate to get in touch with us!



vidan²

Connecting to the medical office software

Information on connecting to the medical office software

vidan[®]2 can be operated autonomously via a USB memory device (not included in the delivery) for archiving images and videos. In addition, archiving can be done through a network link via a specified output folder in the local network.

Optionally, vidan[®]2 can also be integrated into existing IT systems via DICOM, GDT or HL7 interface. Please check with your IT service provider whether vidan[®]2 can be integrated into your existing medical office software.

SCHMITZ does not connect, install and/or implement the vidan®2 software into existing IT systems nor does it act as an advisor. SCHMITZ also does not guarantee the integration of the software into existing IT systems and a second video source, such as an ultrasound device.

Please take note of the Medical Devices Act, in particular, the Medical Device Operator Ordinance for all potential connections.



Design: Rainer Schindhelm

arco-matic[®]

arco-matic®
The definition of exceptional design and state-of-the-art technology at excellent value for money.

Ergonomic

A width of upholstery of up to 680 mm at the back section and an individually adjustable head cushion attached magnetically to the chair offer patients pleasant and comfortable seating. With an access height of only 550 mm, even older or physically challenged patients can easily take a seat on the chair, and even at its lowest level, the seat position remains horizontal.

Strong

Designed for a working load of 250 kg, the chair offers great safety and many treatment options even for adipose patients.

Time-saving

Optimised adjustment speed and four freely selectable memory positions allow quick adjustment to the relevant position.

Functional

The backrest can be moved to a horizontal position; this means that patients can be positioned flat, e.g. for an ultrasound examination, or in a shock position in case of an emergency. The deep gyn. cut-out of 155 mm offers improved access to the examination area. Even if the patient is in a position of pelvic elevation, the rinsing basin stays horizontal.







arco-matic® 77

arco-matic® Optimised use, high level of comfort, first-class design

Horizontal position

The backrest can be moved to a horizontal position; this means that patients can be positioned flat, e.g. for an ultrasound examination, or in a shock position in case of an emergency.

Mobility

Level, enclosed areas and the absence of corners and edges make for improved hygienic conditions and easy cleaning. Even the area under the arco-matic[®] can be cleaned thanks to its mobility (optional), which also enables flexible use of the treatment area and room layout.

Awards

A benchmark for quality and design: the arco-matic[®] has won the prestigious reddot Design Award.





arco-matic[®] C€MD Model overview

Model No.

Description

114.9600.0 arco-matic® 200 M

Examination and treatment chair

with memory function for four positions, pelvic elevation and back section adjustable by electromotor, seat height adjustable from 550 mm to 1000 mm by pelvic elevation. Adjustment and memory functions activated by

hand and foot control.



114.9700.0 arco-matic® 300 M

Examination and treatment chair

with memory function for four positions, pelvic elevation, back section and foot supports (accessory) adjustable by electromotor, seat height adjustable from 550 mm to 1000 mm by pelvic elevation. Adjustment and memory functions activated by hand and foot control.

All basic models are without leg positioning system, please choose from 4 options! (page 84 - 87)

Discover our new product and colour configurator:





Chrome nickel steel rinsing basin, in plastic frame, fixed in position with swinging mechanism.



Hand and foot control

- Flexible positioning of the detachable foot control for a stress-free and comfortable working environment
- Saves and retrieves up to 4 memory positions
- Soft start-up of the chair movements
- Control of all motion sequences through foot and hand controls



arco-matic® Standard equipment

Ergonomic upholstery on seat, back rest and head rest, SST rinsing basin, in plastic frame, fixed in position with swinging mechanism, detachable, $325 \times 175 \times 65$ mm (W x D x H) 2.5 I volume. Magazine for holding paper roll of 400 or 500 mm width, max. diam. 140 mm, possibility to cover either the back and seat section or only the seat section with paper. With foot control, base plate with 4 levelling screws, silver grey plastic cladding. Upholstery according to colour chart. Foot support mounts for quick removal or individual swivelling on a horizontal level of foot supports or Göpel-type leg supports with integrated handles (not available for chairs equipped with side rails 101.0463.0).

Electrical connection:

Connection cable: 3 m with mains plug.

Connection: 100 - 240 V, 50/60 Hz, max. 0,94 kW.

Country-specific versions on request.

Weight:

Net weight: approx. 96 kg (114.9600.0) Net weight: approx. 100 kg (114.9700.0)

Safe working load: 250 kg

Powder coated finish:

High quality powder coating in RAL 9006 white aluminium. Gloss finish, extremely knock and scratch resistant. Easy to clean, resistant to disinfectants and environmental conditions.

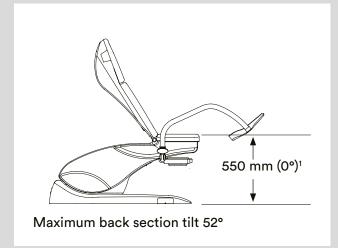
Upholstery:

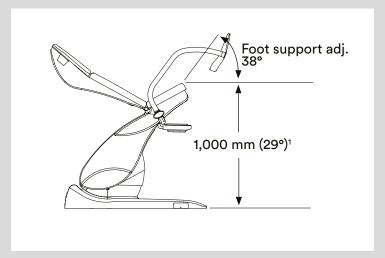
Foam material on support plate, with first-class, hard-wearing leatherette coverings. Colours available as per SCHMITZ colour chart ("classic" and "comfort" quality)

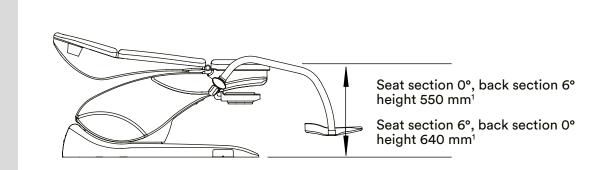
When ordering:

Please state the following when ordering: Foot/leg support system: see page 84 - 87

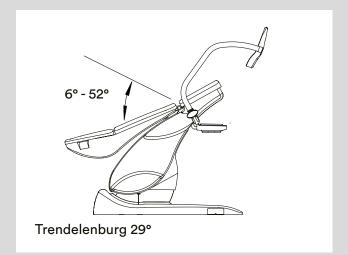
Upholstery colour: see colour chart page 152

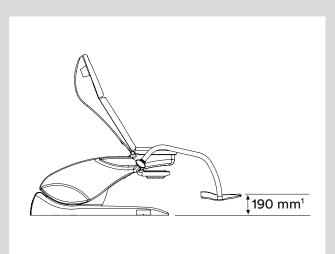






Reverse Trendelenburg 6°





Design and dimensions are subject to change.



¹ +11 mm in connection with mobility 101.0466.0.

arco-matic® Adjustment functions and dimensions

Dimensions Base plate

reddot award 2017 winner

Base plate	1,135 × 605 mm
Width of upholstery	595 mm (seat section) to 680 mm (back section)
Thickness	50 mm
Safe working load	250 kg



Pelvic elevation 114.9600.0 and 114.9700.0

Back section adjustment 114.9600.0 and 114.9700.0

Electromotive adjustment of foot supports 114.9700.0





arco-matic[®] C€™ Leg support systems

Model No.

Description



101.0492.0 Foot supports (pair)

with integrated handles, powder coated RAL 9006 white aluminium, can be swivelled to the side, lockable. Plastic covers of transparent material as protection for the foot supports.



101.0493.0 Leg supports, Göpel type,

with integrated handle (pair)

with integrated handles, powder coated RAL 9006 white aluminium. Leg supports with integral foam upholstery in silver grey, including fastening strap, rod of stainless steel 18/10.



101.0459.0 Göpel leg support (piece)

integral foam upholstery in silver grey, including fastening strap, rod of stainless steel 18/10, without attachment clamp (requires side rails 101.0463.0 or 101.0464.0 and 101.1670.0 attachment clamps).

101.0463.0 Side rails (pair)

for the seat section, stainless steel 18/10, 25×10 mm, 290 mm long.

101.1670.0 Attachment clamp (piece)

revolving, stainless steel 18/10, for installation on side rails.





arco-matic® C€™ Leg support systems

Model No.

Description

101.0369.0 UniLeg leg supports (pair) with peroneal nerve protection

height-adjustable and spreadable from foot end, with gas spring support, plastic covering with pad for foot and lower leg, adjustable in all positions, with integrated side rail mount.



101.0678.0

UniLeg leg supports (pair)

Same as model 101.0369.0 UniLeg, but without peroneal nerve protector.

Note:

Please note that for the two UniLeg models the price group "E" for surgical accessories applies. The retail discount may therefore be different.

arco-matic[®] (€™ **Accessories**

Model No.

Description

101.0473.0 Leatherette cover (pair)

for integrated handles of foot supports, according to colour chart, with zip fastener.



101.0474.0 Leatherette cover (pair)

for integrated handles of Göpel-type leg supports, according to colour chart, with zip fastener.



101.0472.2 Cushion

with magnetic attachment, leatherette cover according to colour chart.



101.0475.0 Protective covers (pair)

of transparent plastic material, for foot supports.



Model No. Description

101.0489.0 Paper roll

500 mm wide, for integrated storage space.



101.0477.0 Protective cover

for seat section.



101.0495.0 Rinsing basin with convenient holder

to maintain horizontal position; basin made of chrome nickel steel with plastic frame $325 \times 175 \times 65$ mm. 2.5 litre volume.

arco-matic[®] (€™ **Accessories**

Model No.

Description



101.0464.0 Side rail (piece)

for the seat section, stainless steel 18/10,

 25×10 mm, 150 mm long.



101.0482.0 2 Power sockets

acc. to EN 60601-1. (subsequent fitting not possible)

101.0483.0

2 Power sockets

(w/o ill.)

similar to 101.0482.0, but "Swiss type" socket. (subsequent fitting not possible)



101.0481.0 Socket for potential equalisation



101.0494.0 Colposcope support

for Leisegang, Leica, Kaps and Zeiss systems, RHS or LHS fitting. For Kaps and Zeiss systems, please order required mounting tube with attachment from your colposcope supplier. (w/o colposcope)



Model No. Description

101.0487.0 LED Ambient illumination

LED illumination on both sides above the colour panel, choice of 13 different colours, interchangeable thanks to a switch under the colour panels, tone-in-tone colour shade already adapted to the selected pad colour (white LED for brown, black and grey pads).



101.0488.0 Colour panel

in line with colour of pads.



101.0469.0 Doctor's foot support

LH mounting, patient's POV.

101.0468.0 Doctor's foot support

(w/o ill.) RH mounting, patient's POV.



101.0466.0 Mobility

2 swivel-type double castors, Ø 75 mm, 4 fixed-type castors Ø 50 mm, electrically conductive, with central lock (retrofittable).

Note:

Must not be used for patient transport!



arco-matic® C€™ **Accessories**

Model No. Description



101.0471.0 Leg plate

integrated into the seat frame, extractable, padded surface of soft-touch plastics (TPE), grey. Safe working load: 50 kg. Dimensions of pad: $480 \times 373 \times 30 \text{ mm}$ (W x L x H). (subsequent fitting possible, please contact our service dept.)

101.0465.0



stainless steel 18/10, 25 × 10 mm, at the back section, for attaching accessories, 400 mm long.

Further accessories such as arm rest and infusion pole for mounting on the side rails can be found in our catalogue for OR table accessories, no. 92.







arco und arco-matic[®] combined with Orbit A clear design concept for gynaecological surgeries

Whether it's the low access height, making it easier for patients to take their seat, the memory function allowing a quick adjustment to the relevant position or the deep gyn. cut-out, which facilitates the examination – both arco and arco-matic® are designed for the special requirements of daily medical practice.

They are perfectly supplemented by Orbit – the modular supply and disposal concept for gynaecological workplaces, which can be adjusted to every set-up. They thus form part of a particularly functional furnishing concept that is available in many attractive colour schemes.

For further information on our Orbit range, please see pages 126 ff or our website.

Colours in the illustration: arco-matic®: upholstery raspberry red 103 plastic elements silver grey

Swivel stool: upholstery raspberry 103

Orbit:
cabinet bodies
white aluminium RAL 9006
front panels
heather violet RAL 4003
bar handles semicircular
white aluminium RAL 9006
plastic elements
silver grey



arco 97

arco

High level of comfort, first-class design

Ergonomic

In combination with the individually adjustable head cushion attached magnetically to the chair, the head section cushions, back cushions, and seat cushions have a special convex shape and offer patients pleasant and comfortable seating. With an access height of only 550 mm, even older or physically challenged patients can easily take a seat on the chair, and even at its lowest level, the seat position remains horizontal.

Strong

Designed for a working load of 250 kg, the chair offers great safety and many treatment options even for adipose patients.

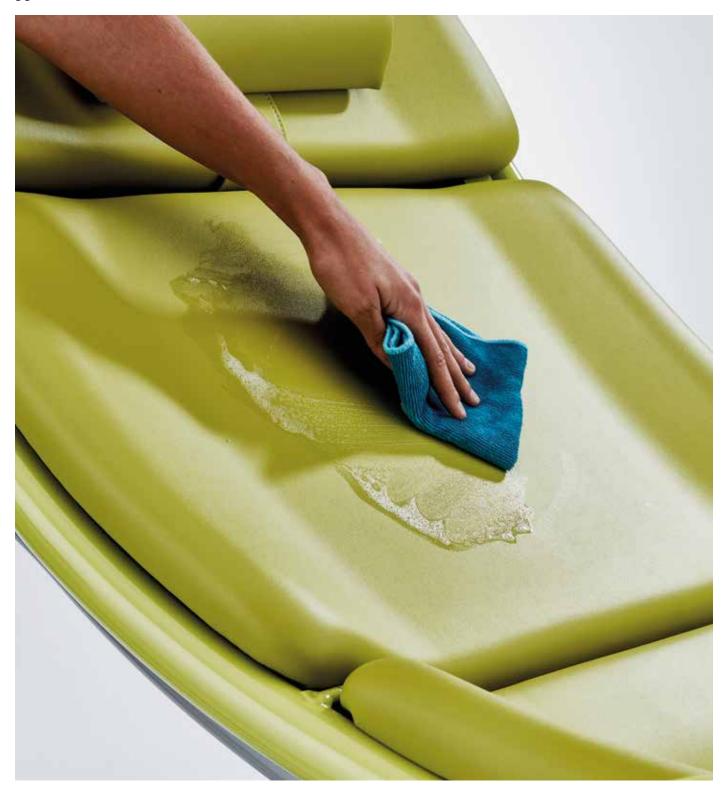
Time-saving

Optimised adjustment speed and up to four freely selectable memory positions (depending on model) allow quick adjustment to the relevant position.

Functional

The deep gyn. cut-out of 155 mm offers improved access to the examination area. Even if the patient is in a position of pelvic elevation, the rinsing basin stays horizontal.









arco 99

arco

Optimised use, high level of comfort, first-class design

Hygiene

Enclosed areas and the absence of corners and edges make for improved hygienic conditions and easy cleaning.

LED illumination

Matched to your treatment room, ambient LED lighting creates a pleasant atmosphere.

Work flexibly and save time

with up to four freely selectable memory positions.





arco (€MD Model overview

Model No. Description

114.8500.0 arco 100 Examination and treatment chair electromotive pelvic elevation. Back section attached to seat section at fixed angle (50°), seat height adjustable from 550 mm to 1,000 mm by pelvic elevation. Adjustment functions activated by foot control.

114.8600.0

arco 100 M Examination and treatment chair as 114.8500.0 model, however with additional memory function for two positions. Adjustment and memory functions activated by hand and foot control.



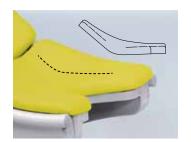
114.8700.0

arco 200 M Examination and treatment chair with memory function for four positions, pelvic elevation and foot supports (accessory) adjustable by electromotor, back section attached to seat section at fixed angle (50°), seat height adjustable from 550 mm to 1000 mm by pelvic elevation. Adjustment and memory functions activated by hand and foot control.

All basic models are without leg positioning system, please choose from 4 options! (page 106 - 109)

Discover our new product and colour configurator:





Seat profile formed straight for a relaxed and professional examination position.



Chrome nickel steel rinsing basin, in plastic frame, fixed in position with swinging mechanism.



Hand and foot control

- Flexible positioning of the detachable foot control for a stress-free and comfortable working environment
- Saves and retrieves up to 4 memory positions
- Soft startup of the chair movements
- Control of all motion sequences through foot and hand controls



arco

Standard equipment

Ergonomic upholstery on seat, back rest and head rest, SST rinsing basin, in plastic frame, fixed in position with swinging mechanism, detachable, $325 \times 175 \times 65$ mm (W x D x H) 2.5 I volume. Magazine for holding paper roll of 400 or 500 mm width, max. diam. 140 mm, possibility to cover either the back and seat section or only the seat section with paper. With foot control, base plate with 4 levelling screws, silver-grey plastic cladding, frame powder coated according to our colour chart. Upholstery according to colour chart.

Foot support mounts for quick removal or individual swivelling on a horizontal level of foot supports or Göpel-type leg supports with integrated handles (not available for equipment with side rails).

Electrical connection:

Connection cable 3 m with mains plug. 100 - 240 V, 50/60 Hz, max. 0.94 kW. Country-specific versions on request.

Weight:

Net weight: approx. 96 kg (114.8500.0 and 114.8600.0)

Net weight: approx. 100 kg (114.8700.0)

Safe working load: 250 kg

Powder coated finish:

High quality powder coating. Gloss finish, extremely knock and scratch resistant. Easy to clean, resistant to disinfectants and environmental conditions. Colours available as per SCHMITZ colour chart at no extra cost.

Upholstery:

Foam material on support plate, with first-class, hard-wearing leatherette coverings. Colours available as per SCHMITZ colour chart at no extra cost (classic and comfort).

When ordering:

Please state the following when ordering: Foot/leg support system: see page 106 - 109

Upholstery colour: see colour chart page 152

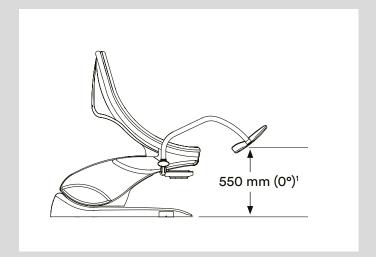
Plastic enamel coating

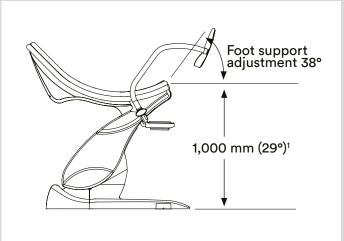
for frame: see colour chart page 152

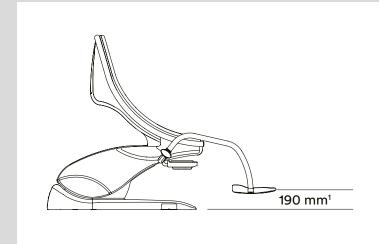
Model No. Description

100.0510.0 Further optional colours acc. to RAL colour chart

(w/o ill.) Surcharge









Design and dimensions are subject to change.

¹ +11 mm in connection with mobility 101.0466.0.

arco Adjustment functions and dimensions



Dimensions		
Base plate	1,135 × 605 mm	
Width of upholstery	595 mm (seat section) up to 650 mm (back section)	
Thickness	50 mm	
Safe working load	250 kg	



Pelvic elevation 114.8500.0 to 114.8700.0 Electromotive adjustment of foot supports 114.8700.0





arco (€™ Leg support systems

Model No. Description

101.0456.0 Foot supports (pair)

with integrated handles, powder coated according to colour chart, can be swivelled to the side, lockable. Plastic covers of transparent material as protection for the foot supports.



101.0457.0 Leg supports, Göpel type, with integrated handle (pair)

with integrated handles, powder coated according to colour chart, leg supports with integral foam upholstery in silver-grey, including fastening strap, rod of stainless steel 18/10.



101.0459.0 Göpel leg support (piece)

integral foam upholstery in silver-grey, including fastening strap, rod of stainless steel 18/10, without attachment clamp. (requires side rails 101.0461.0 or 101.0462.0 and 101.1670.0 attachment clamps).



101.1670.0 Attachment clamp (piece)

revolving, stainless steel 18/10, for installation on side rails.

101.0461.0 Side rails (pair)

for the seat section, stainless steel 18/10, 25×10 mm, 290 mm long.





arco C€MD Leg support systems

Model No.

Description

101.0369.0 UniLeg leg supports (pair) with peroneal nerve protection

height-adjustable and spreadable from foot end, with gas spring support, plastic covering with pad for foot and lower leg, adjustable in all positions, with integrated side rail mount.



101.0678.0 UniLeg leg supports (pair)

Same as model 101.0369.0 UniLeg, but without peroneal nerve protector.

Note:

Please note that for the two UniLeg models the price group "E" for surgical accessories applies. The retail discount may therefore be different.

arco C€MD **Accessories**

Model No.

Description

101.0473.0 Leatherette cover (pair)

for integrated handles of foot supports, according to colour chart, with zip fastener.



101.0474.0 Leatherette cover (pair)

for integrated handles of Göpel-type leg supports, according to colour chart, with zip fastener.



101.0472.2 Cushion

with magnetic attachment, leatherette cover according to colour chart.

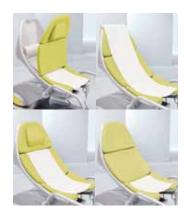


101.0475.0 Protective covers (pair) for foot supports.



101.0476.0 Protective cover

of transparent plastic material, for seat section.



101.0489.0 Paper roll

500 mm wide,

for storing in the integrated compartment.



101.0495.0 Rinsing basin with convenient holder

to maintain horizontal position; basin made of chrome nickel steel with plastic frame $325 \times 175 \times 65$ mm (W x L x H), 2.5 litre volume.

arco ^{C€™} Accessories

Model No.

Description

101.0462.0

Side rail (piece)

for the seat section, stainless steel 18/10,

 25×10 mm, 150 mm long.



101.0482.0 2 Power sockets

acc. to EN 60601-1.

(subsequent fitting not possible)

101.0483.0

2 Power sockets

(w/o ill.)

similar to 101.0482.0, but "Swiss type" socket.

(subsequent fitting not possible)



101.0481.0 Socket for potential equalisation

101.0467.0

Colposcope support

for Leisegang, Leica, Kaps and Zeiss systems, RHS or LHS fitting. For Kaps and Zeiss systems, please order required mounting tube with attachment from your colposcope supplier.

(w/o colposcope)



arco | Accessories



Model No. Description

101.0487.0 LED Ambient illumination

LED illumination on both sides above the colour panel, choice of 13 different colours, interchangeable thanks to a switch under the colour panels, tone-in-tone colour shade already adapted to the selected pad colour (white LED for brown, black and grey pads).



101.0488.0 Colour panel

in line with colour of pads.



101.0469.0 Doctor's foot support

LH mounting, patient's POV.

101.0468.0 Doctor's foot support

(w/o ill.) RH mounting, patient's POV.



101.0466.0 Mobility

2 swivel-type double castors, Ø 75 mm, 4 fixed-type castors Ø 50 mm, electrically conductive, with central lock (retrofittable).

Note:

Must not be used for patient transport!



arco proctology 115

arco

Examination and Treatment Chair for Proctology

Excellent design,

most modern technology and a strong price-performance ratio

Electromotive foldable seat section Safe positioning of the patient with foldable seat section by electrical shutdown

Electromotive adjustment of Trendelenburg position and seat section Ergonomic leg and foot support system with integrated armrests for a relaxed and professional examination position

Variable fit-out options

with an extensive assortment of accessories

Easy to keep clean and hygienic

due to smooth, closed surfaces

Illuminated graphics display

to indicate all chair functions

Electronic diagnostics function

1 additional programmable key e.g. for triggering of a cold light source with integrated sockets Storage and display of 8 memory positions (treatment positions/physician's selection)

Soft start-up of chair adjusting movements Control of all adjustments

by foot or hand control













arco proctology 117

arco

Examination and Treatment Chair for Proctology

Technology and efficiency

A lower starting height, perfect for getting on easily. Predefined and saved treatment positions allow for quick, efficient handling.

Examination comfort and safety

The folding seat section enables optimal access to the patient and allows the doctor to set the required treatment position. The electric automatic switch-off feature during positioning supports safe patient positioning.

Large adjustable range

via electromotive pelvic elevation to shock position

Choice of leg support systems

- with foot rests 101.4560.1.
- with Göpel-type leg supports 101.4580.0.
- with Ergo-Steps 101.4570.0











arco proctology Standard equipment

Ergonomic upholstery on seat, back rest and head. Foot support mounts for quick removal or individual swivelling on a horizontal level of foot supports or Göpel-type leg supports with integrated handles. Storage plate with integrated pull-out, rinsing basin of SST 18/10, storing space for paper roll up to 400 mm width, two integrated power sockets, acc. to EN 60601-1, (activation of one socket by manual control unit). Foot control, base plate with 4 levelling screws, plastic cladding, silver-grey, column and frame powder coated according to SCHMITZ colour chart. Upholstery according to SCHMITZ colour chart.

Important:

Automatic security stop with foldable seat section in Trendelenburg position.

Electrical connection:

3 m connection cable with mains plug.

Connection: 230 V, 50 Hz, 0.3 kW. Country specific versions available upon request.

Weight:

Net weight: approx. 121 kg

Safe working load: 180 kg

Powder coated finish:

High quality multilayer gloss paint of extreme knock and scratch resistance. Easy to clean and to disinfect. Resistant to climatic conditions. Available in SCHMITZ colours acc. to colour chart (without surcharge). Further optional colours acc. to RAL colour chart at extra charge.

Upholstery:

High quality, hard wearing foam rubber with leatherette cover. Available in SCHMITZ colours acc. to colour chart without surcharge (classic and comfort qualities).

When ordering:

Please state the following when ordering: Foot/leg support system: see page 124

Upholstery colour: see colour chart page 152

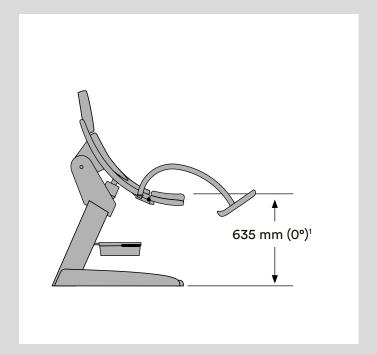
Plastic enamel coating

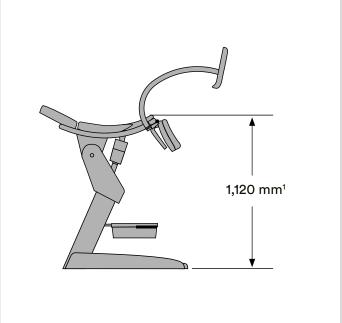
for frame: see colour chart page 152

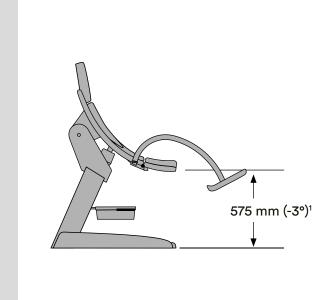
Model No. Description

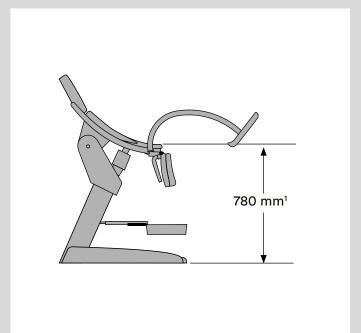
100.0510.0 Further optional colours acc. o RAL colour chart (w/o ill.)

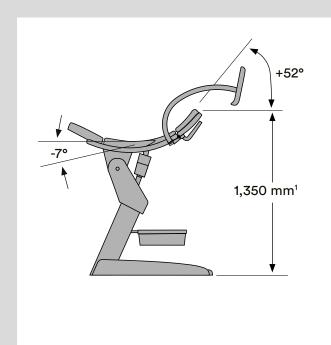
Surcharge













Design and dimensions are subject to change.

¹ in connection with mobility 101.0223.0 please add 75 mm.

arco proctology Adjustment functions and dimensions

Dimensions

Base plate	960 × 565 mm
Upholstery	565 mm (seat section)
width	up to 695 mm (back section)



arco proctology ^{C€™} Model overview

Model No. Description

114.6600.1 Examination and Treatment Chair

Electromotive Trendelenburg position and

foldable seat section.

Memory control for 8 positionings.

Activation of all functions by means of foot

and hand control.

All basic models are without leg positioning system, please choose from 3 options! (page 124)

Discover the arco for proctology:



arco proctology ^{C€™} Leg support systems

Model No.

Description



101.4560.1 Foot support (pair)

with integrated, powder coated handlebars, can be swivelled and locked. With one pair of plastic covers.



101.4580.0 Göpel leg support (pair)

with integrated, powder coated handlebars, integral foam pads in silver-grey, with straps, stainless steel rod 18/10.



101.4570.0 Ergo-Steps (pair)

Leg support system with adjustable heel/calf troughs, grey plastic, can be swivelled to the side, integrated handles, circular tube powder-coated to match the exam. chair.



101.4850.0 Leatherette covers (pair)

for handles (101.4560.1 and 101.4570.0) with zipper, acc. to colour chart.



101.4860.0 Leatherette covers (pair)

for handles (101.4580.0), with zipper, acc. to colour chart.



101.0223.0 Mobility

4 double castors, Ø 75 mm, lockable and electrically conductive. (subsequent fitting possible)

Note:

may not be used for patient transport!



101.3730.0 Head cushion

incl. Velcro, leatherette cover acc. to colour chart.



101.4800.1 Plastic covers (pair)

of transparent material, to protect the foot supports.



100.1760.0 Paper roll

400 mm wide, for placing into the integrated storing space with removable back upholstery.



Orbit 127

Orbit

The modular Supply and Disposal System for Gynaecology and Proctology workplaces

Patient comfort comes first

Preheated instruments guarantee a high level of patient comfort. The preheating technology developed by SCHMITZ enables custom temperature adjustment.

Mobility and flexibility

9 individual, mobile modules, which can be arranged and rearranged just as you need them. Additions and changes to the module configuration can be made whenever needed. The modules can easily be integrated even into an existing setup.















Orbit 129

Orbit

Orbit helps you keep everything under control.

Easy cleaning and disinfection

Removable panels and closed surfaces enable rapid, complete and straightforward cleaning – a new standard in hygiene.

Mobility and flexibility

100 % unrestricted mobility is guaranteed – adapted to your daily workflows.

Orbit solves your disposal problem

A specially equipped module ensures hassle-free disposal of contaminated instruments and used materials.





Orbit Dispensing and disposal modules, mobile



Model No. Description

426.0010.0 Dispensing module

dimensions: $625 \times 760 \times 530$ mm (W x H x D) 2 drawers Type 6 D, 1 drawer Type 6 G.

A preheating element model no. 401.0401.1 (accessory) can be installed in the two drawers Type 6 D.



426.0020.0 Dispensing module

dimensions: $625 \times 760 \times 530$ mm (W x H x D)

4 drawers Type 6 D.

A preheating element model no. 401.0401.1 (accessory) can be installed in the top two drawers Type 6 D.





426.0030.0 Dispensing module

dimensions: 625 × 760 × 530 mm (W x H x D)
2 drawers Type 6 B, 1 drawer Type 6 D,
1 drawer Type 6 G.
A preheating element model no. 401 04011 (acc

A preheating element model no. 401.0401.1 (accessory) can be installed in the drawer Type 6 D.



426.0040.0 Dispensing and disposal module

dimensions: 625 × 760 × 530 mm (W x H x D)

1 drawer Type 6 B, 1 drawer Type 6 D, 1 refuse drawer,
electromotive opening by tapping on the panel,
mechanic closing, with removable SST container,
12 I cap., (for 5 litres of liquid), plastic basket,
to accommodate approx. 15 specula and plastic refuse
container, 8 I cap., pedal for central locking of castors.
A preheating element model no. 401.0401.1 (accessory)
can be installed in the drawer Type 6 D.

Orbit Dispensing and disposal modules, mobile

Model No. Description

426.5010.0 Dispensing module

dimensions: $625 \times 995 \times 530$ mm (W x H x D) with moulded top made of ABS, silver-grey colour, with treatment set accommodating instruments, medicines, disposables etc., 2 drawers Type 6 D, 1 drawer Type 6 G.

A preheating element model no. 401.0401.1 (accessory) can be installed in the two drawers Type 6 D.

426.5020.0 Dispensing module

dimensions: $625 \times 995 \times 530$ mm (W x H x D) with moulded top made of ABS, silver-grey colour, with treatment set accommodating instruments, medicines, disposables etc., 4 drawers Type 6 D. A preheating element model no. 401.0401.1 (accessory) can be installed in the top two drawers Type 6 D.

Dispensing module

426.5030.0

dimensions: $625 \times 995 \times 530$ mm (W x H x D) with moulded top made of ABS, silver-grey colour, with treatment set accommodating instruments, medicines, disposables etc., 2 drawers Type 6 B, 1 drawer Type 6 D, 1 drawer Type 6 G. A preheating element model no. 401.0401.1 (accessory) can be installed in the drawer Type 6 D.





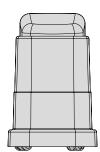




426.5040.0 Dispensing and disposal module

dimensions: 625 × 995 × 530 mm (W x H x D) with moulded top made of ABS, silver-grey colour, with treatment set accommodating instruments, medicines, disposables etc., 1 drawer Type 6 B, 1 drawer Type 6 D, 1 refuse drawer, electromotive opening by tapping on the panel, mechanic closing, with removable SST container, 12 I cap., (for 5 litres of liquid), plastic basket to accommodate approx. 15 specula and plastic refuse container, 8 I cap., pedal for central locking of castors.

A preheating element model no. 401.0401.1 (accessory) can be installed in the drawer Type 6 D.



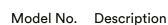
427.0010.0 Disposal module

dimensions: 365 × 565 × 465 (W x H x D) Mobile, 4 pc. twin plastic castors diam. 50 mm, sensor lid made of plastic, colour black, casing made of ABS, silver-grey colour, removable plastic refuse container, 20 l cap.

401.0801.0 Special colour for cabinet body according to SCHMITZ colour chart, surcharge



Orbit Accessories for dispensing and disposal modules



401.0401.1 Preheating element

according to Low Voltage Directive 2014/35/EU for drawer Type 6 D. Setting and monitoring of temperature via display, adjustable up to max. 40 °C /104 °F, for instruments (e.g. specula). Input supply voltage 100 - 240 V, 50/60 Hz, average power consumption 20 Watt, cable with mains plug, approx. 5 m long.



401.0023.0 Holder for ultrasound gel

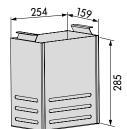
made of SST, 320 × 165 mm (L x W). For warming the ultrasound gel fluid in the drawer with preheating element, suitable for up to 4 bottles of gel.



(w/o ill.) 325 \times 265 mm, SST, to cover the 12 I SST container, 12 I cap., during transport.

401.0451.0 Lid

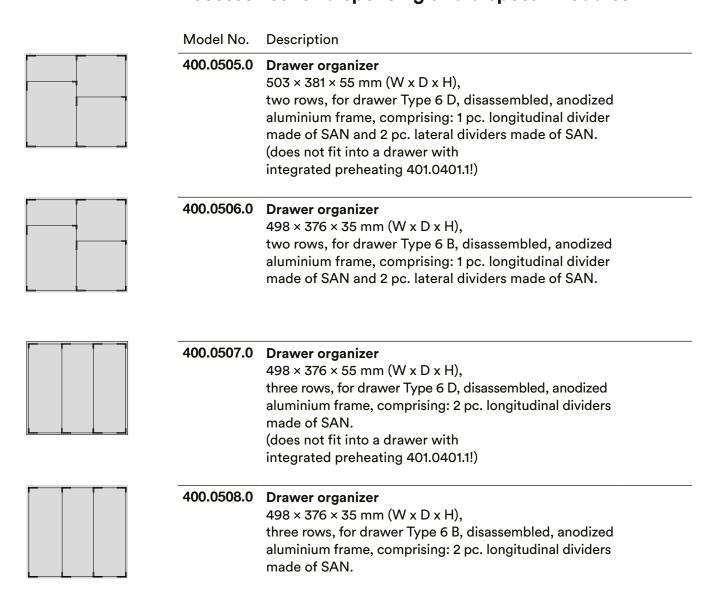
(w/o ill.) 297 × 204 mm, made of plastic, to cover the plastic refuse container, 18 or 20 l cap., during transport.



401.0460.0 Basket

SST with carrying handles, for 5 litres of liquid, to accommodate approx. 15 specula, for disposal module 427.0010.0.

Orbit Accessories for dispensing and disposal modules





401.0001.0 Side rail

aluminium, 25 × 10 mm, with fastening pieces, safe working load up to 20 kg.
Effective width: 300 mm



401.0002.0 Swivel-mounted tray, square

 $230 \times 190 \times 40$ mm (W x D x H) 18/10 SST 18/10 with holder and plastic rail clamp. Effective width: 220 mm.



401.0003.0 Swivel-mounted tray, round

Ø 220 × 40 mm (diam. x H) 18/10 SST 18/10 with holder and plastic rail clamp. Effective width: 220 mm.



401.0004.0 Tray

355 × 320 × 65 mm (W x D x H) SST 18/10, with steel holder, plastic-coated white aluminium RAL 9006/SST 18/10. Effective width: 380 mm.



401.0005.0 Holder

 $290 \times 215 \times 25$ mm (W x D x H) of steel, powder-coated white aluminium (RAL 9006), plastic rail clamp, for plastic trays 401.0006.0 and 401.0007.0.

Effective width: 300 mm.

401.0006.0 Plastic tray

 $225 \times 300 \times 130$ mm (W x D x H) of polypropylene, with closed lid.

401.0007.0 Plastic tray

(w/o iII.) $225 \times 300 \times 130 \text{ mm}$ (W x D x H) of polypropylene, with opening in lid.

Orbit Accessories for dispensing and disposal modules



Model No. Description

401.0008.0 12 l bucket

Ø 310 × 270 mm (diam. x H)

SST 18/10 bowl with steel holder, powder-coated white aluminium (RAL 9006), with plastic rail clamp.

Effective width: 330 mm.

401.0009.0 Lid

made of 18/10 SST 18/10, for 12 l bucket.



401.0010.0 5 l bowl

 \emptyset 330 × 140 mm (diam. x H)

SST 18/10 bucket with steel holder, powder-coated white aluminium (RAL 9006), with plastic rail clamp.

Effective width: 330 mm.



401.0011.0 Waste bag holder

 $265 \times 205 \times 425$ mm (W x D x H) wire Rilsan coated, with plastic lid for 15 l waste bags, steel holder, powder coated white aluminium RAL 9006, plastic rail clamp, incl. 1 roll of waste bags 401.0013.0. Effective width: 300 mm.



401.0012.0 Waste bag holder

 $280 \times 110 \times 410$ mm (W x D x H) powder-coated white aluminium (RAL 9006) sheet steel, with 2 plastic rail clamps, for 15 l waste bags, incl. 1 roll of waste bags 401.0013.0. Effective width: 300 mm.



(w/o ill.) 15 litre, in rolls, 48 pcs, for 401.0011.0 and 401.0012.0



401.0014.0 Refuse container

 $420 \times 175 \times 410$ mm (W x D x H) powder-coated white aluminium RAL 9006 sheet steel, volume 18 litres, with 2 plastic rail clamps. Protruding lid can be opened by knee. Effective width: 420 mm.

Orbit Accessories for dispensing and disposal modules



Model No. Description

401.0015.0 Disinfectant dispenser

Height adjustable, for mounting of 500 ml container, with fastening plate made of powder-coated white aluminium RAL 9006 steel plate, main tube 500 mm in length and plastic rail clamp. Effective width: 100 mm.

401.0016.0 Disinfectant dispenser

Height adjustable, for mounting of 1,000 ml container, with fastening plate made of powder-coated white aluminium RAL 9006 steel plate, main tube 500 mm in length and plastic rail clamp. Effective width: 100 mm.



For mounting of 500 ml container, with fastening plate made of powder-coated white aluminium RAL 9006 steel plate and plastic rail clamp.

Effective width: 100 mm.

401.0018.0 Disinfectant dispenser

For mounting of 1,000 ml container, with fastening plate made of powder-coated white aluminium RAL 9006 steel plate and plastic rail clamp. Effective width: 100 mm.



401.0019.0 Drip-catcher

Made of SST 18/10,

for 500 ml disinfection dispenser.

401.0020.0 Drip-catcher

Made of SST 18/10,

for 1,000 ml disinfection dispenser.



401.0021.0 Holder for gloves dispenser

 100×150 to 280×35 mm (W x D x H) adjustable, for all common disposable glove cartons, made of steel powder-coated white aluminium (RAL 9006), with plastic rail clamp. Effective width: 100 to approx. 165 mm

depending on the carton size.



401.0022.0 Storage shelf

 $400 \times 500 \times 25$ mm (W x D x H) made of plastic, silver grey, fold-down, (2 side rails 401.0001.0 required), safe working load: 20 kg.



Orbit Model and material description



Cabinet bodies

self-supporting construction made of electrolytically galvanized and phosphatized sheet steel, sandwich construction, double-skinned execution, single-skinned rear panel, sound damped and thermally insulated high rigidity, smooth inner and outer surfaces.



Drawer fronts

Exchangeable front panels made of electrolytically galvanized and phosphatized sheet steel, with rounded edges, sound damped and thermally insulated, circumferential silicone sealing profile.



Drawers

drawers completely made of electrolytically galvanized and phosphatized sheet steel, powder-coated in white aluminium RAL 9006. Covered, sound-damped drawer rails with full pull-out, automatic pull-in function and Airmatic shock absorber system, high retention force, tool-free drawer removal. Safe working load: 20 kg.

Interior drawer dimensions (Usable size W x H x D)

Type 6 B: 504 x 51 x 381 mm Type 6 D: 504 x 126 x 381 mm Type 6 G: 504 x 276 x 381 mm

Orbit Model and material description



Drawer handles

semicircular or angular handle, made of high-pressure diecast zinc, hole spacing 192 mm. The surface is resistant to chemicals, easy to clean and to disinfect. Drawer handles matte chromium-plated or with a polyester powder coating according to the drawer front or individually according to SCHMITZ colour chart.



Castors

Modules with 4 double castors \varnothing 50 mm, el. conductive. Chassis cover made of ABS, silver-grey colour.



Worktop

Seamless worktop made of ABS, silver-grey colour, scratch resistant and disinfectant proof, profile edge on three sides, sealed reverse side.



Electromotive opening by tapping on the panel.

Mechanic closing, with removable 12 I SST container (for 5 I of liquid) and plastic sieve.



Built-in heating plate for preheating of specula.

Temperature setting and monitoring via display, adjustable up to max. 40 °C /104 °F.



Disposal module 427.0010.0

Electromotive opening through sensor technology. Removable top, removable 20 l plastic container.

Powder coated finish

A high quality polyester powder coating, a high gloss surface, extreme shock and scratch resistance, easy to clean, disinfectant-proof and climate resistant.

Standard colours of cabinet body

grey-white RAL 9002 or white aluminium RAL 9006 or grey aluminium RAL 9007.

Special colours for cabinet body

according to SCHMITZ colour chart on page 152 at a surcharge.

For drawer fronts and handles

all colours according to SCHMITZ colour chart on page 152 are available without surcharge. Further RAL colours are available upon request.

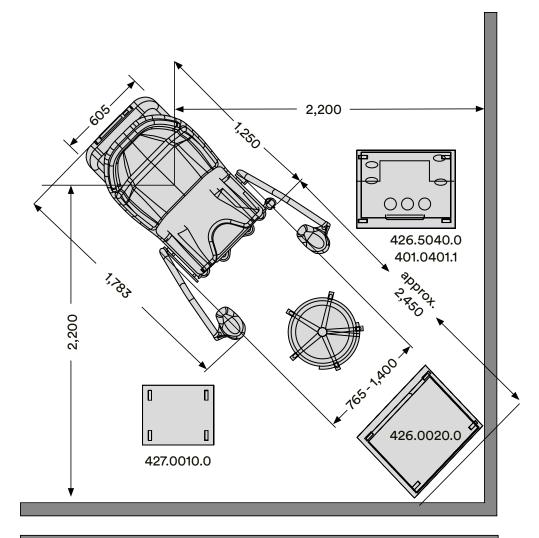






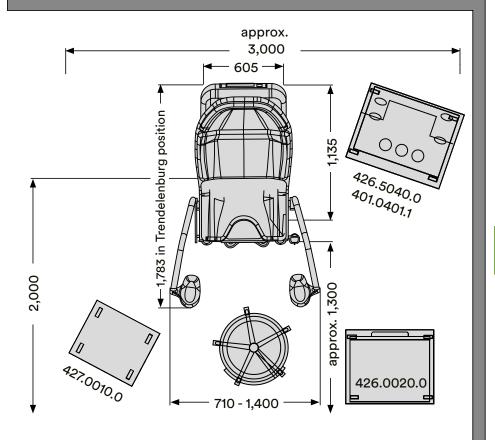


Orbit 151



Orbit design examples

For chairs with earth connection, the cabling must be within the range (1,135 × 605 mm) of the floor space required. The gynaecology chair can be placed and moved within this area.



Leatherette comfort

Leatherette Powder coated finishes classic



agave green 109



colza yellow light green RAL 10090504 **RAL 6027**





milky coffee 102



white 53



RAL 9002

signal yellow pure white RĂL 1003 **RAL 9010**



lemon green RAL 10080604



gold orange 106

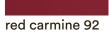




alabaster grey RAL 00075004

pastel orange **RAL 2003**

leaf green RAL 12060504





stone grey 96

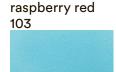


black 57

light grey light ivory **RAL 7035 RAL 1015**

white blue





ice blue 108







sahara beige

light blue





RAL 7016

RAL 06070304

RAL 26060304

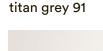




shale grey 97



RAL 3014



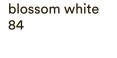
RAL 9005

iet black

heather violet

sapphire blue **RAL 5003**

atlantic blue 83



RAL 9006

white aluminium

RAL 4003

Bar handles

lavender purple

107

silver-grey

Plastic

elements

grey aluminium **RAL 9007**

vermilion **RAL 2002**

also available matt chrome plated.



antimicrobial These colours have antimicrobial properties

Colours for upholsteries and plastic enamel coatings

Discover new, colourful worlds

With a total of 19 upholstery colours and 22 colours for powder-coated finish, you have many options to create colourful highlights in your surgery.

Whether muted or cheerful, classic or modern, elegant or extravagant – with our tool, you will certainly find the right colour for you in no time at all.

We would be delighted to advise you – please feel free to contact us.



Be inspired: www.schmitz-soehne.com

Accessories for upholstery cleaning

We recommend:

Model No.	Description
2019878 (w/o ill.)	Special cleaner for leatherette 500 ml spray bottle (packaging unit 3 bottles)
2026973 (w/o ill.)	Cleaning set for leatherette 1 × 500 ml spray bottle and a brush

Please refer to our separate operating manual for upholsteries for detailed information on cleaning and disinfection of upholsteries.



Contact 155

Contact

SCHMITZ u. Söhne GmbH & Co. KG Zum Ostenfeld 29 58739 Wickede (Ruhr)

CEMD

All devices marked with the CE-MD symbol, in combination with our accessories, meet the requirements of Medical Device Regulation 2017/745/EU (MDR) as well as the Medical Device Amendment Act and are risk class 1 medical devices.

ϵ

All devices marked with the simple CE symbol meet the requirements of low-voltage directive 2014/35/EU as well as the regulation on electrical equipment.

Please also refer to the instructions for use, for more details about the intended use!

P. O. Box 14 61 58734 Wickede (Ruhr) Germany

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