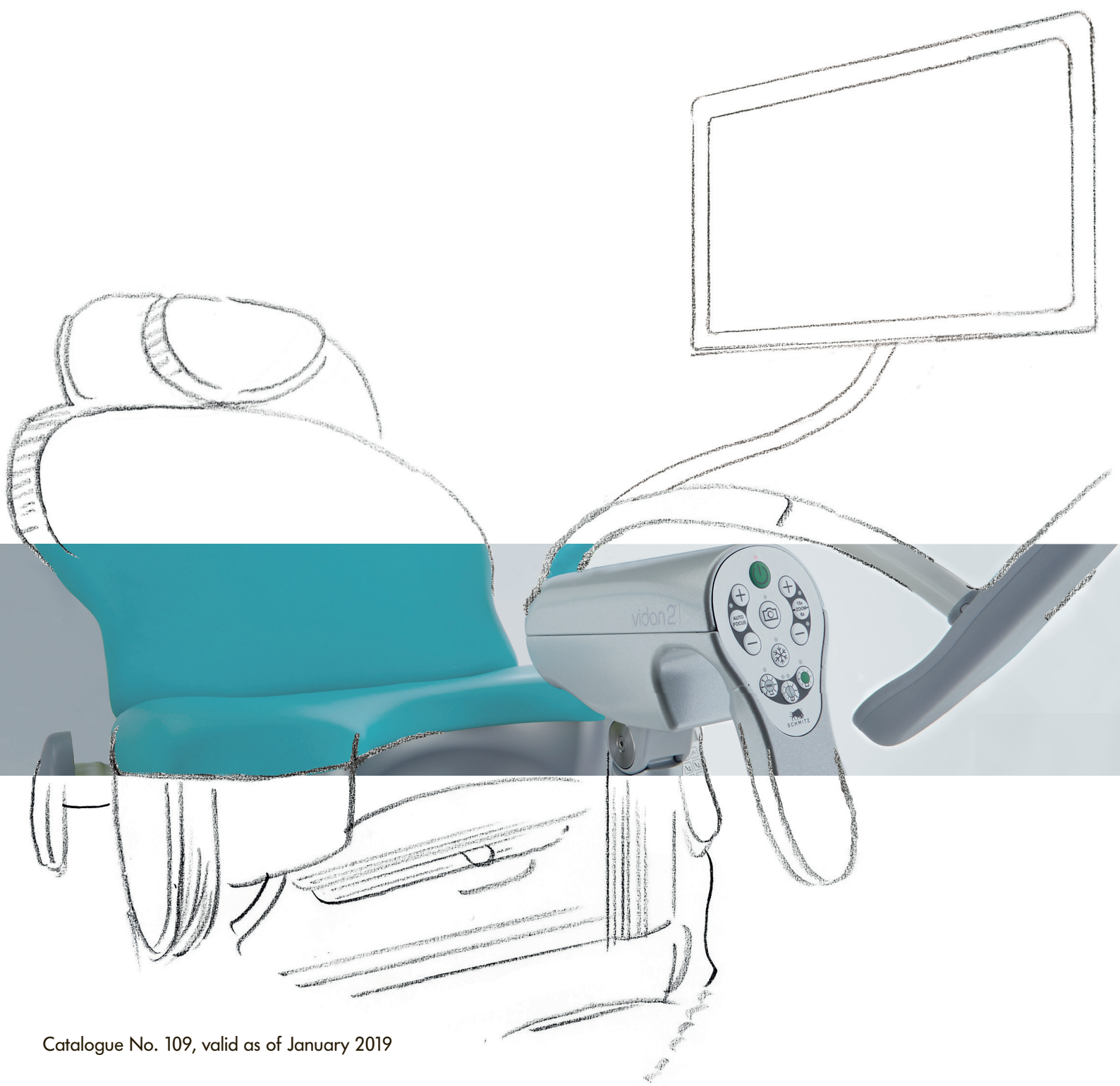




vidan[®]2

The Full HD Video Colposcope



vidan®2

Precise, bright, easy to handle: The world's first integrated video colposcope with Full HD and 21,5" monitor

The innovative high-tech addition for gynaecological examination chairs

Ergonomic sitting position

- vidan®2 can be used in an optimally ergonomic, fatigue-free sitting position, thus facilitating the physician's work

Diagnostic accuracy

- High resolution images and videos in full HD quality
- Swivelling 21.5" monitor attached to a flexible adjustable monitor arm for a large-scale image display and an exact rendering of the examination field
- Integrated efficient luminaire with connectible powerful examination light (30.000 Lux)
- Green light plus an additional electronic green colour filter for a better visualization of tissues in Pap smears

Space and time saving

- Automatic focus and 6 to 15fold zoom at the touch of a button
- Quick and easy documentation of the examination findings by the Image/Video Save Button
- Pre-installed SCHMITZ software for archiving of images and videos via LAN connection or USB port (optional integration via DICOM, GDT or HL7 interface possible, see page 11)
- Clearly arranged control elements
- Free swivelling allows storing the colposcope in a space-saving parking position

Economy

- No additional computer required to operate vidan®2. The system is completely autonomous, video findings can be collected and archived via the integrated vidan®2 software.



Made in Germany





1
Space-saving parking position
The vidan®2 video colposcope can be freely swivelled and positioned. If not used, it can be stored in a space-saving lateral parking position.

2
USB port
In addition to a direct network connection via LAN cable, images and videos can be exported via a USB port (for data protection reasons, the USB port comes equipped with a security lock, w/o ill.)

Colours:
Upholstery: topaz 105
Powder coating: pure white RAL 9010
Plastic elements: silver grey

vidan[®]2

Flexibility in display



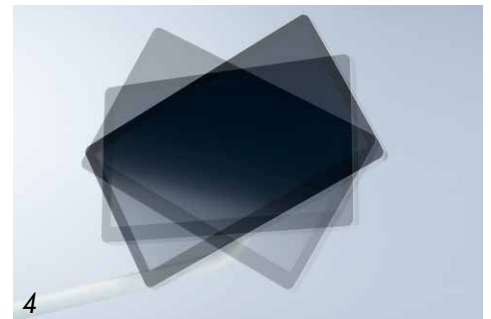
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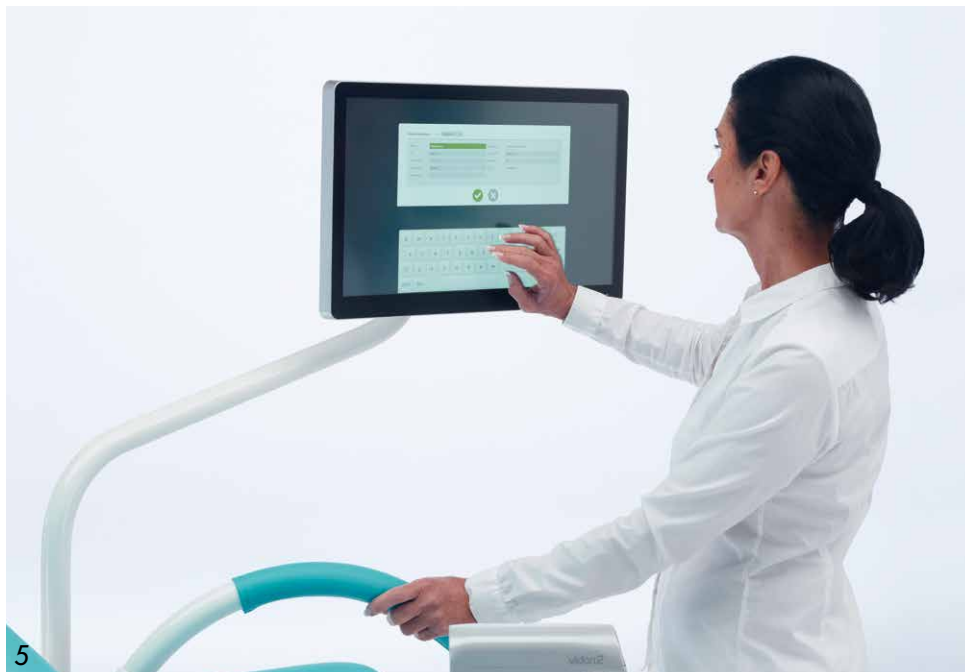
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3



4



5



6

1 - 4
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.

5
Patient data can be entered directly via the touchscreen of the monitor.

6
Switching to the external video source directly at the monitor.

Outstanding: image quality and technology

1

Zoom

The continuous zoom allows to-the-point display of special views. Smallest details can be viewed in Full HD quality with up to 42x optical zoom. Additional time can be saved during the examination by using the button for fixed 6x and 15x zoom.

2

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.

3

Displaying

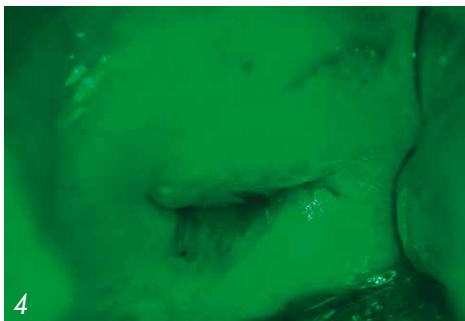
Displaying and evaluation of the examination area on a 21,5" monitor. The excellent full HD image quality facilitates diagnostics and decision-making for the correct treatment.

Thus, high-precision technology provides an additional safety bonus for the patient.

4

Green light

Green light for an improved visualization of the vascular structure (please see also page 6).



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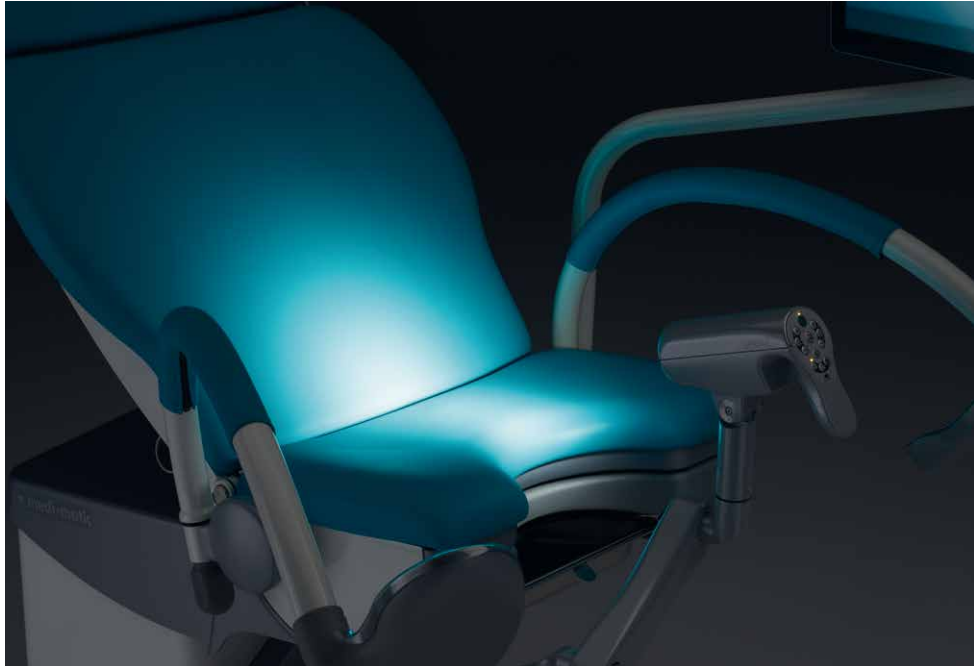
Ultra-bright: LED illumination with green light/green colour filter

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.

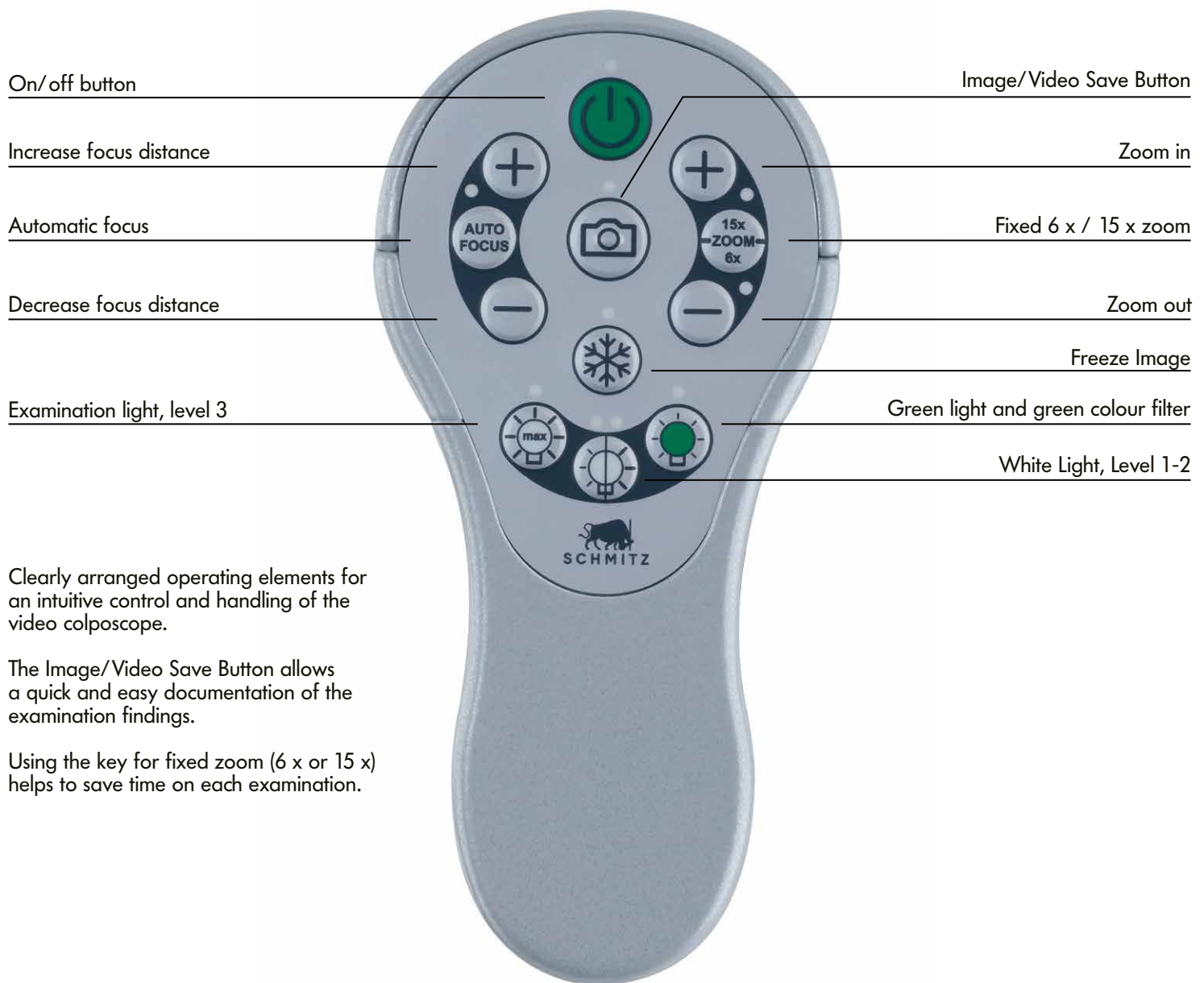


Examination light



Green light and green colour filter

Easy to handle: The control elements



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

The Image/Video Save Button allows a quick and easy documentation of the examination findings.

Using the key for fixed zoom (6 x or 15 x) helps to save time on each examination.

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



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

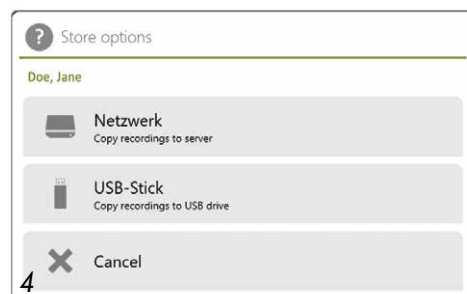
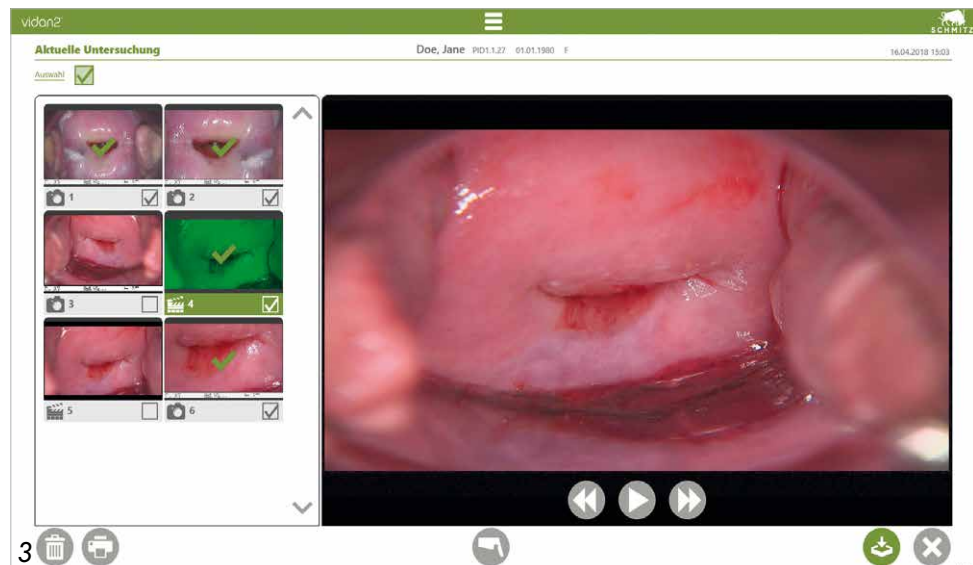
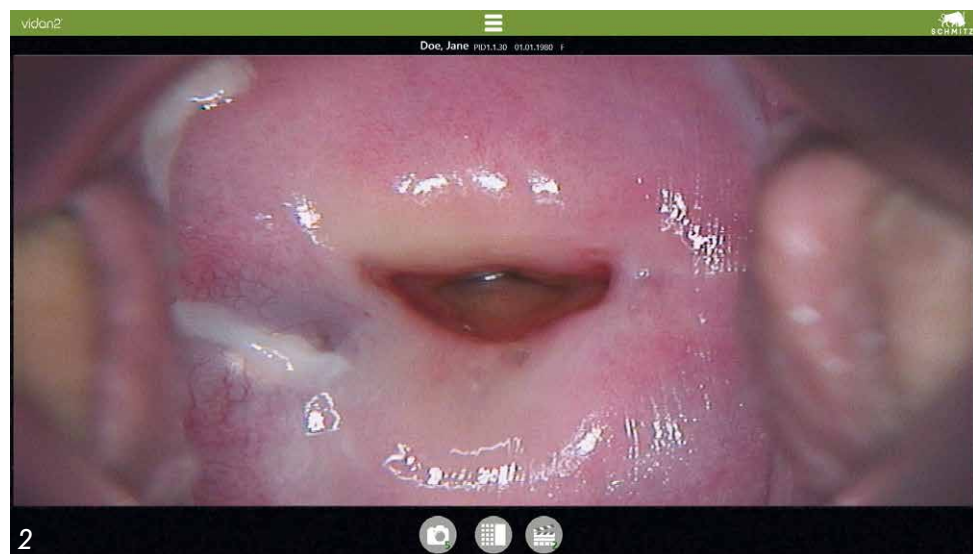
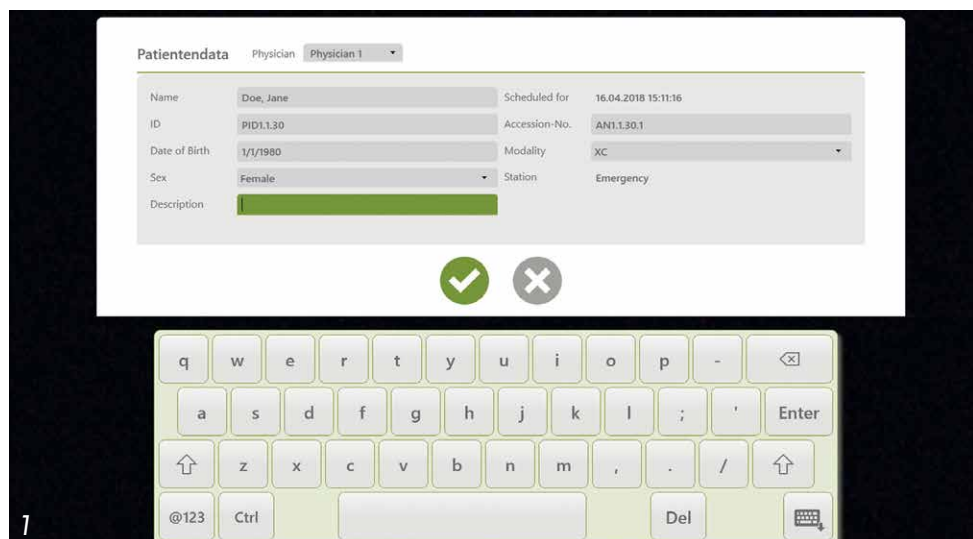
The "Freeze image" function is an ideal instrument for visualizing of findings and can be used to support the training of assistant physicians.

The optional connectivity package 101.0531.0 allows mirroring the image currently displayed on the vidan[®]2 monitor on another screen.



vidan[®]2 Software

The integrated solution for an efficient workflow - convenient, quick, easy to handle



1
Easy creating of new personal entries directly via the touchscreen monitor. Patient allocation can therefore be done directly at the examination chair. Implementing vidan[®]2 into the existing IT system also allows creating a worklist for time-saving work.

2
Creating new images/videos with automatic patient allocation.

3
Selecting created images/videos for archiving in the patient file.

4
Selection of archiving method - storing of images / videos in a drop folder in the local network or data storing on a USB flash drive.

Please note the information re. implementing vidan[®]2 into on-site IT systems on page 11!

vidan[®]2

Model overview

Description



Video colposcope vidan[®]2, integrated Model No. 113.0007.0

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. You will find detailed information regarding the examination chairs in SCHMITZ Catalogue no. 75 for Gynaecology.

Connectivity package 101.0531.0

to expand the connection options of vidan[®]2.

The package includes an additional HDMI input and an HDMI output (w/o ill.)

The connectivity package is not retrofittable!

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 vidan[®]2 113.0007.0 cannot be used in combination with following accessories for medi-matic[®] examination chairs:

101.4940.0 Gyro flushing basin

101.4970.0 Bracket

101.6530.0 SCHMITZ Set Treatment
unit with supporting arm

101.4990.0 Gyro flushing basin

101.4310.0 Colposcope support

101.6540.0 Shelf with supporting arm

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Technical Data

Camera:	Full HD 1080p
Resolution:	1.920 x 1.080 pixels
Zoom:	optical 42x (continuous), fixed 6x / 15x zoom
Working distance:	250 – 330 mm
Focussing:	autofocus and manual focus
White balance:	automatic
Colour filter:	green light with electronic filter
LED illumination:	3 stages of brightness up to max. 30.000 lux
Colour temperature:	5.700 K
Lifetime 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 2 nd or 3 rd digital video source (optional)
vidan [®] 2 software:	already pre-installed, to support a linear workflow from viewing to archiving
Ports:	<ul style="list-style-type: none"> - 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 not included in the delivery!

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

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.



**SCHMITZ u. Söhne
GmbH & Co. KG**

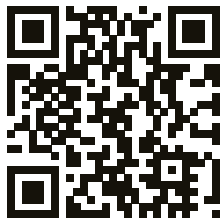
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93/42/EEC.



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Please also observe our operating
manual!

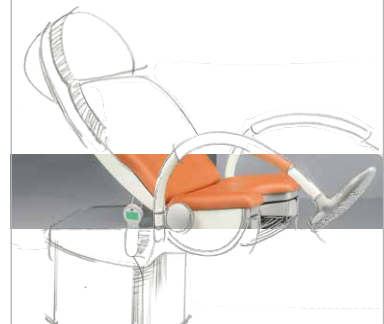


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