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Видеокольпоскоп vidan2

vidan®2

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 21.5” 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.

AUTO
FOCUS
ZOOM
SCHMITZ

STOP
OK
m1
m2
m3
m4

vidan®2

Easy to handle

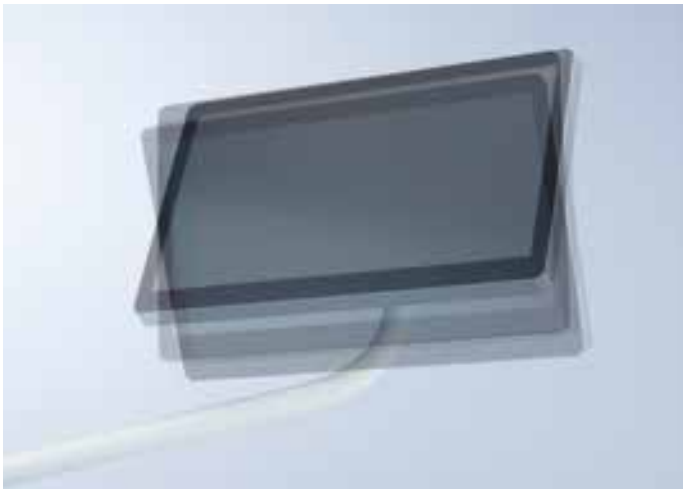
The control elements
Clearly arranged operating elements for an intuitive control and handling of the video colposcope.

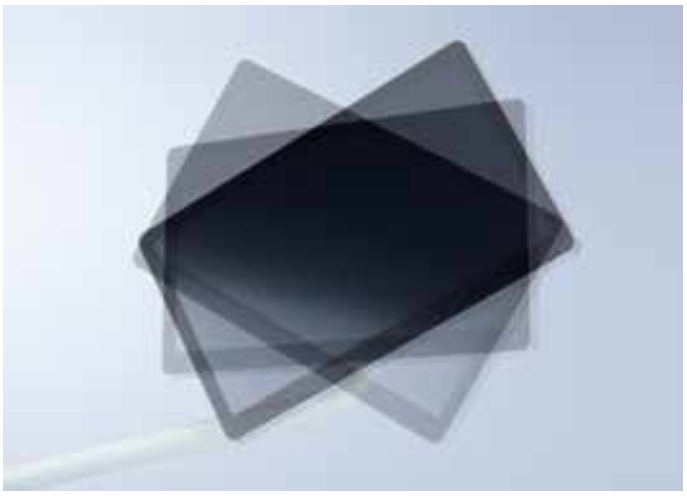
Two freely definable magnification values, which can be easily accessed at the touch of a button, help reduce the examination time.

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 energy until the system can be brought into a safe state and thus all data remains saved.
To ensure this data backup function, the system will only restart once the UPS has charged to 90%.





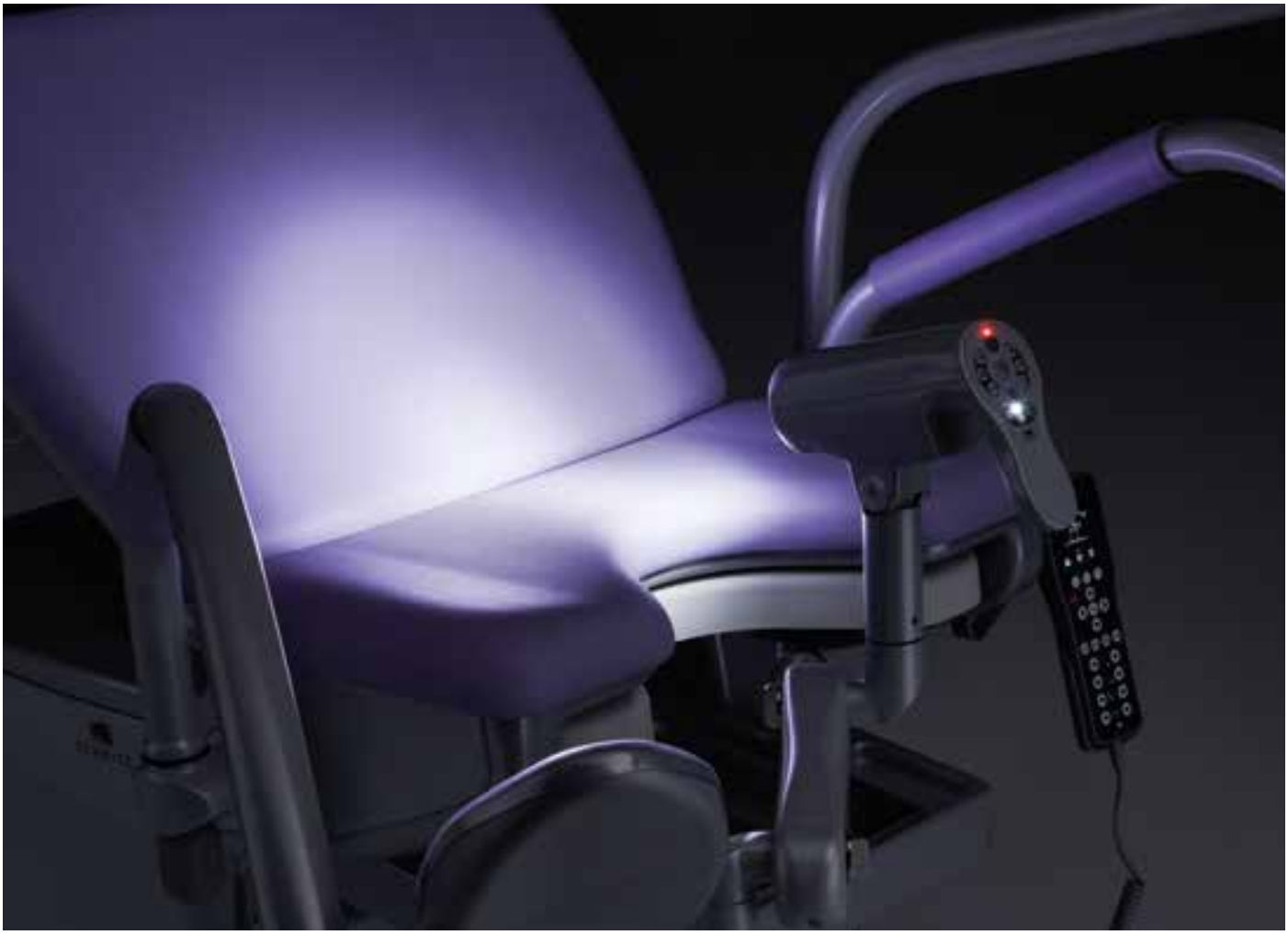
vidan®2

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.



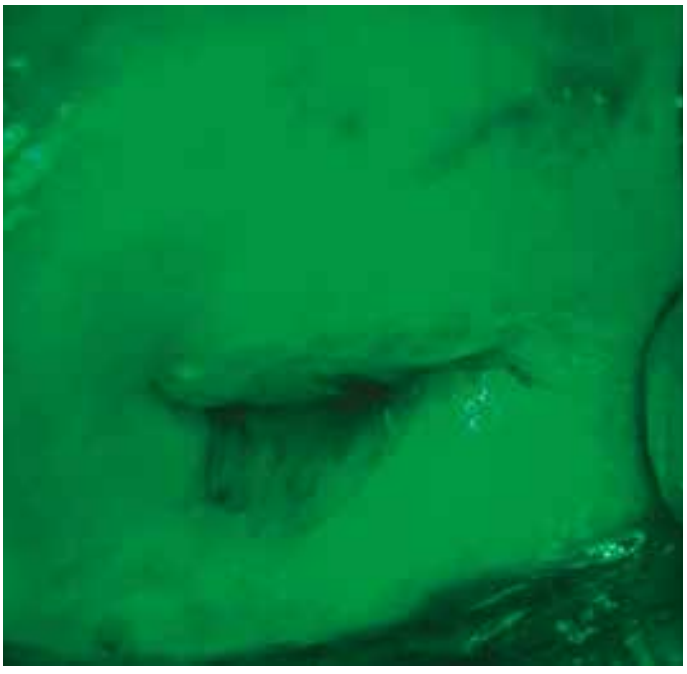
Ultra-bright: LED illumination with green light/green colour filter

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.

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.



m1
m2
m3
m4

vidan®2

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.

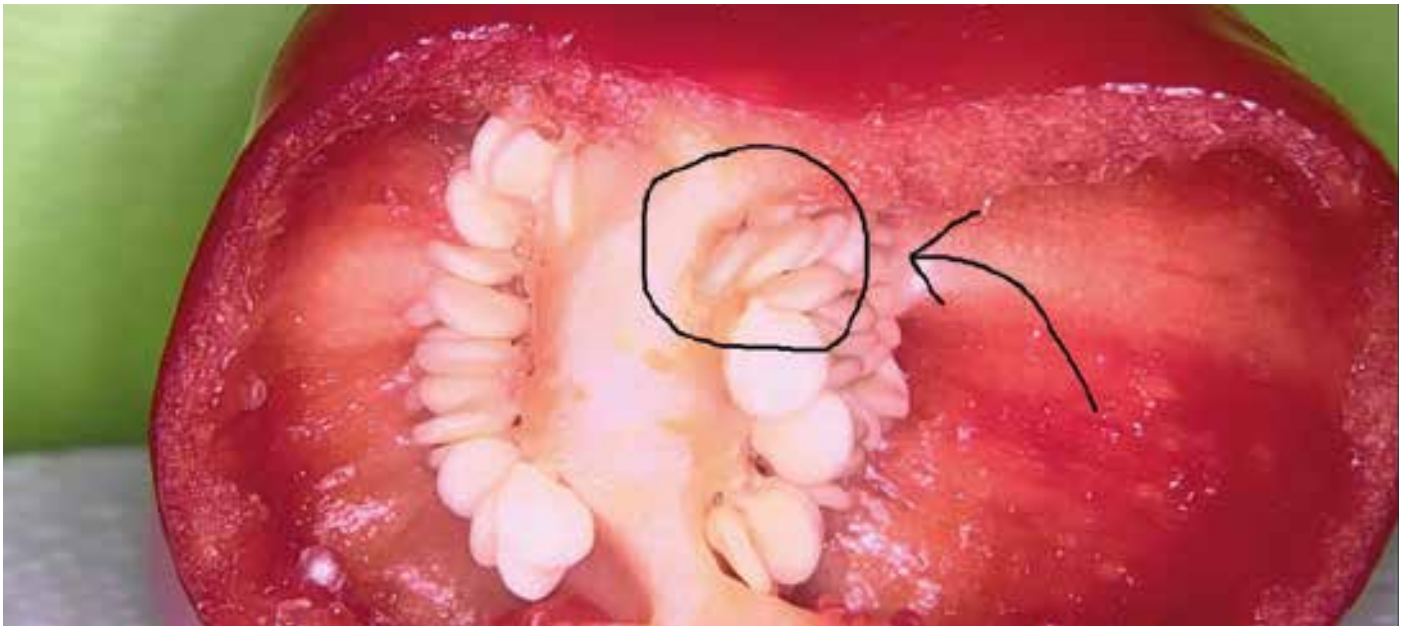
Autofocus
Autofocus independent of the zoom factor is active in a working distance of 300 - 400 mm. In addition, the focus can be readjusted manually.

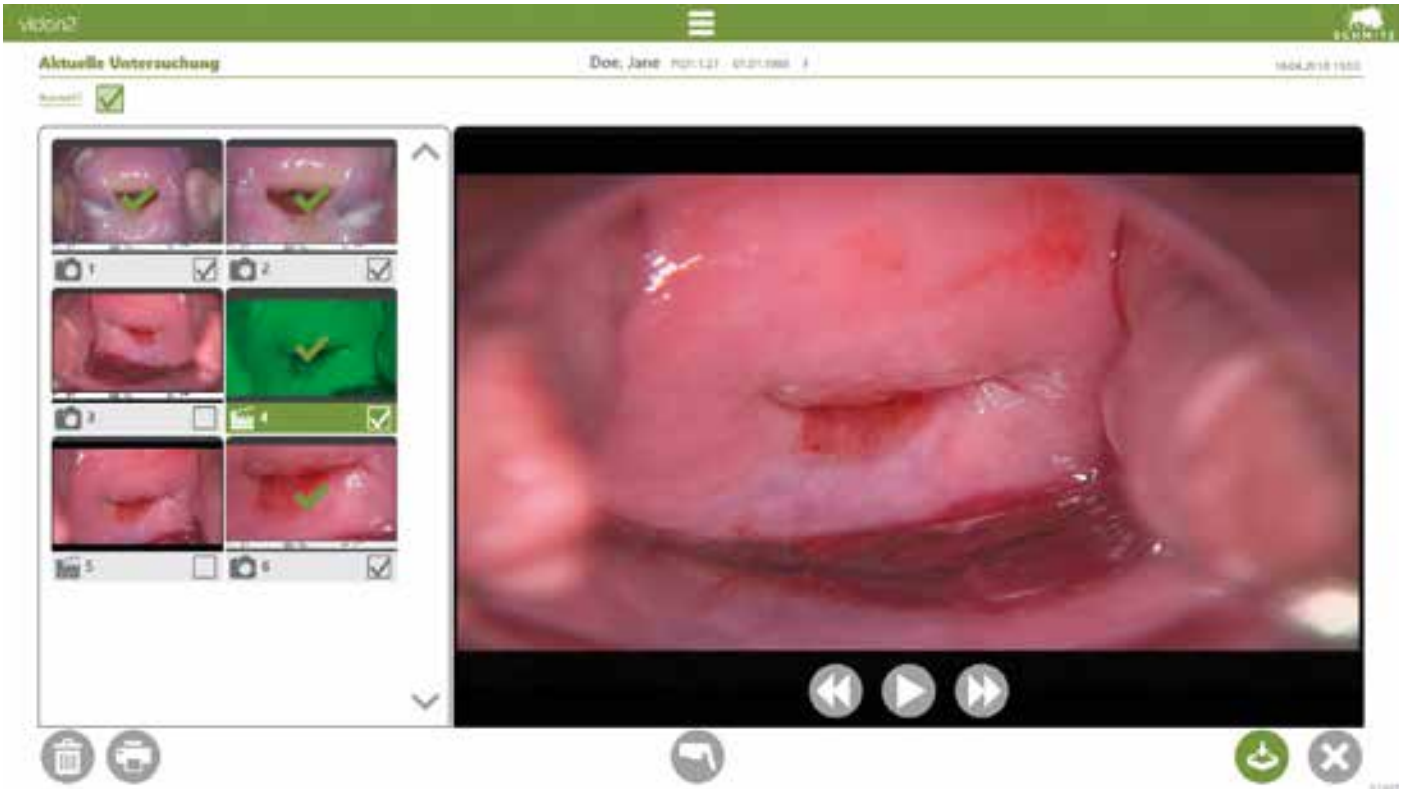
Displaying
Displaying and evaluation of the examination area on a 21,5“ monitor. The excellent full HD image quality facilitates diagnostics and decision-making for the correct treatment. Thus, high-precision technology provides an additional safety bonus for the patient.

Green light
Green light for an improved visualization of the vascular structure (please see also page 71).

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

Patientendata
Enter
Ctrl
Del




Aktuelle Untersuchung
Doe, Jane

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 CE MD

Outstanding image quality and technology

Model No.	Description
113.0014.0	**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®2 113.0014.0 is available with the purchase of a medi-matic® examination chair.
101.0728.0 (w/o ill.)	**Connectivity package** 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 89.

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 113.0014.0 cannot be used in combination with following accessories for medi-matic® examination chairs:

101.0658.0	Gyro flushing basin
101.0660.0	Bracket
101.0651.0	Colposcope support
101.0631.0	Side rails
101.0632.0	Side rail

vidan®2

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	300 - 400 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) • 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!

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

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