AMNOTEC

VEQTRON – GUIDED SURGERY

VEQTRON

4K

VEQTRON ICG/NIR Imaging System **4K**

71-068-00 NIR   4 CMOS 4K

Control unit, camera head with zoom objective f = 14-28 mm

- Innovative 4 CMOS 4K technology
- Optional: 4K motorized camera head
- Ergonomic and lightweight camera head
- Super high fluorescence sensitivity
- Ultimate colour reproduction which brings true to life colour
- Wide dynamic range enhances the three-dimensionality and depth perception of the picture
- Technology which presents pictures rich in depth, texture and details
- Special technology for colour and detail enhancement
- Standard White Light Mode, Standard Fluorescence Mode, ISO Fluorescence Mode and Multi-Display Mode
- Switch mode by pressing the camera button, which is extremely convenient to use
- Integrated capture module (image and video)
- Applications:
  - Gastrointestinal surgery
  - Gynaecology surgery
  - Hepatobiliary surgery (Liver)
  - Laparoscopy surgery
  - Thoracic surgery
  - Urinary surgery
  - Stomach enterochirurgia

Technical Data:

Video system:	Progressive Scan with 50 or 60 Hz
Image-sensor:	4 x CMOS
Pixels:	4K UHD 3840 x 2160 pixels
Horizontal resolution:	> 1,600 TV-Lines
Aspect ratio:	16:9
Video output:	1 x DVI
	1 x HDMI
	1 x 4×3G-SDI
	1 x 12G-SDI
Other connections:	1 x USB
	2 x RS232
Power supply:	110-240 V (150 VA)
Dimensions of unit:	370 x 150 x 403 mm (WxHxD)
Weight of unit:	8.9 kg
Weight of camera head:	600 g (without objective)
Protection class:	I (acc. to IEC 60601-1)
Approval:	CE

Included in delivery:
- Control unit
- Camera head with 3.0 m cable and zoom objective
- Mains cable
- 2 pcs. Fuse (F3.15 AH 250 V)
- 1 pc. DVI cable
- 1 pc. HDMI cable
- 1 pc. 12G-SDI cable
- 1 pc. 4X3G-SDI cable
- 1 pc. Instruction manual

71-068-05 NIR   4K

Camera control unit only

71-068-10 NIR   4 CMOS 4K

Camera head with remote control (3 buttons), zoom objective f = 14-28 mm (71-089-30 NIR) and cable

71-068-20 NIR   4 CMOS 4K

Camera head with remote control auto focus (5 buttons), motorized zoom objective and cable

71-088-20 NIR	f = 20 mm
71-088-23 NIR	f = 23 mm
71-088-27 NIR	f = 27 mm

Objective

71-089-30 NIR

Zoom objective f = 14-28 mm, for Laparoscopy, Urology, Gynaecology and Arthroscopy

VEQTRON

HD

VEQTRON ICG/NIR Imaging System *HD*

71-066-00 NIR   4 CMOS HD

Control unit, camera head with zoom objective f = 14-28 mm

- Innovative 4 CMOS technology
- Ergonomic and lightweight camera head
- Vividly coloured and high contrast images
- Progressive scan with high frame rate
- Wide dynamic range enhances the three-dimensionality and depth perception of the picture
- Special technology for colour and detail enhancement
- Standard White Light Mode, Standard Fluorescence Mode, ISO Fluorescence Mode and Multi-Display Mode
- Switch mode by pressing the camera button, which is extremely convenient to use
- Integrated capture module (image and video)
- Applications:
  - Gastrointestinal surgery
  - Gynaecology surgery
  - Hepatobiliary surgery (Liver)
  - Laparoscopy surgery
  - Thoracic surgery
  - Urinary surgery
  - Stomach enterochirurgia

Technical Data:

Video system:	Progressive Scan with 50 or 60 Hz
Image-sensor:	4 x CMOS
Pixels:	HD 1920 x 1080 pixels
Horizontal resolution:	> 1,000 TV-Lines
Aspect ratio:	16:9
Video output:	2 x SDI
	2 x DVI
	1 x CVBS
	1 x S-Video
Other connections:	1 x USB
	2 x RS232
Power supply:	110-240 V (150 VA)
Dimensions of units:	370 x 150 x 403 mm (WxHxD)
Weight of unit:	7.86 kg
Weight of camera head:	500 g (without objective)
Protection class:	I (acc. to IEC 60601-1)
Approval:	CE

Included in delivery:
- Control unit (71-066-05 NIR)
- Camera head with 3.0 m cable (71-066-10 NIR) and zoom objective (71-089-30 NIR)
- Mains cable
- 2 pcs. Fuse (F3.15 AH 250 V)
- DVI cable
- Instruction manual

71-066-05 NIR   HD

Camera control unit only

71-066-10 NIR   4 CMOS HD

Camera head with remote control (3 buttons), zoom objective f = 14-28 mm and cable

71-088-20 NIR	f = 20 mm
71-088-23 NIR	f = 23 mm
71-088-27 NIR	f = 27 mm

Objective

71-089-30 NIR

Zoom objective f = 14-28 mm, for Laparoscopy, Urology, Gynaecology and Arthroscopy

For Open Surgery

VEQTRON ICG/NIR FluorosQan *HD*

71-066-50 NIR   4 CMOS

with integrated LED and NIR light source
and **manual** focus

71-066-55 NIR   4 CMOS

with integrated LED and NIR light source
and **automatic** focus

• Compatible with HD Camera Control Unit 71-066-05 NIR
• Latest 4 CMOS technology enhances visualization of tissue perfusion in real-time
• Standard White Light Mode, Standard Fluorescence Mode, ISO Fluorescence Mode
  and Multi-Display Mode
• Allowing real-time lymphatic system tracking, tissue perfusion observation and
  accurate tumor boundary mapping
• Applications:
  - Gastrointestinal surgery
  - Gynaecology surgery
  - Hepatobiliary surgery (Liver)
  - Laparotomy surgery
  - Thoracic surgery
  - Urinary surgery
  - Stomach enterochirurgia
  - Thyroid surgery

Technical Data:

Video system:	Progressive Scan with 50 or 60 Hz
Image-sensor:	4 x CMOS
Pixels:	HD 1920 x 1080 pixels
Aspect ratio:	16:9
Dimensions:	250 x 77 x 77 mm
Weight of camera head:	860 g

Included in delivery:
• Camera head with 3.0 m cable
• Instruction manual
• 2 pcs. Silicone protective cover

71-066-90 NIR

Silicone protective cover, autoclavable

Reccommended dye for our VEQTRON Imaging System

For more information, please visit:
www.diagnosticgreen.com

ror

VEQTRON ICG/NIR Twinlight LED-LASER

71-182-30 NIR

Light source

- Suitable for 4K Imaging system 71-068-00 NIR
- More light with lower energy consumption
- Colour temperature of approx. 6,200 K corresponds to daylight and guarantees excellent illumination and colour rendering, especially in combination with our 4K VEQTRON ICG/NIR imaging systems
- Light intensity is infinitely variable, guaranteeing a consistently high quality of light
- No downtime and costs due to time-consuming lamp changes
- Adaptive light adjustment (in White Light and NIR Mode) – Light intensity is adjusted automatically to the distance between endoscope and tissue

Technical Data:

Colour temperature:	6,200 K
CRI:	> 85
Laser:	Yes
LED Lifetime:	> 30,000 hrs
Power supply:	110-240 V / 50-60 Hz
Power consumption:	200 VA
Brightness control:	0-100% stepless adjustable
Light exit:	AMNOTEC
Input:	1 x RS232
Dimensions:	370 x 150 x 403 mm (WxHxD)
Weight:	11.24 kg

Included in delivery:
- Control unit
- Mains cable
- 2 pcs. Fuse (F3.15AH 250V)
- Instruction manual

VEQTRON ICG/NIR Twinlight LED-LASER

71-180-30 NIR

Light source

- More light with lower energy consumption
- Colour temperature of approx. 6,200 K corresponds to daylight and guarantees excellent illumination and colour rendering, especially in combination with our VEQTRON ICG/NIR imaging systems
- Light intensity is infinitely variable, guaranteeing a consistently high quality of light
- No downtime and costs due to time-consuming lamp changes
- Adaptive light adjustment (only in White Light Mode) – Light intensity is adjusted automatically to the distance between endoscope and tissue

Technical Data:

Colour temperature:	6,200 K
CRI:	> 85
Laser:	Yes
LED Lifetime:	> 30,000 hrs
Power supply:	110-240 V / 50-60 Hz
Power consumption:	200 VA
Brightness control:	0-100% stepless adjustable
Light exit:	AMNOTEC
Input:	1 x RS232
Dimensions:	370 x 150 x 403 mm (WxHxD)
Weight:	11.24 kg

Included in delivery:
- Control unit
- Mains cable
- 2 pcs. Fuse (F3.15AH 250V)
- Instruction manual

VEQTRON 3D IMAGING SYSTEM

71-980-00

Image converter

• Fully compatible with most 2D endoscopes (flexible or rigid) and camera systems
• Precise hand-eye coordination through the three-dimensional image of the surgical environment
• Natural colour reproduction thanks to the latest FULL HD technology
• Realistic representation of tissue structures in their actual spatial position
• Outstanding plastic representation across the entire field of view
• Easy operation thanks to self-explanatory icons on touch screen

Technical Data:

Video input:	1 x HDMI
Input resolution:	4096x2160@60fps
support list:	3840x2160@60fps
	1920x1080p@60fps
	1920x1080i@60fps
	1280x720p@60fps
	1280x1024p@60fps
	1024x768p@60fps
Video output:	1 x DP
Output resolution:	1920x1080 pixels, 60 fps
3D format:	Interlace, Side-by-Side, Top and Bottom
Touch panel:	Capacitive touch panel 7" 800*480
Power supply:	100-240 V / 50-60 Hz
Dimensions:	305 x 160 x 320 mm (W x H x D)
Weight:	approx. 8 kg
IP code:	IP20

Included in delivery:
• VEQTRON 3D Imaging System
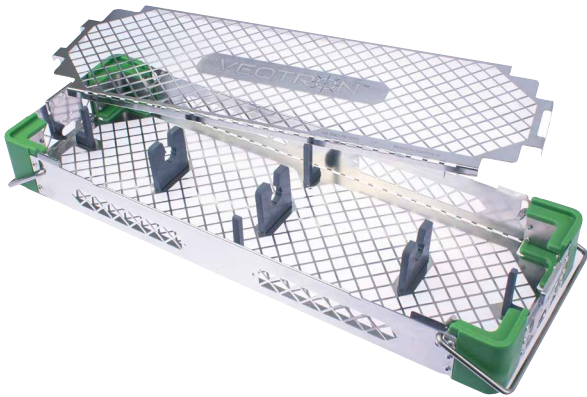• Mains cable
• DP cable
• Instruction manual
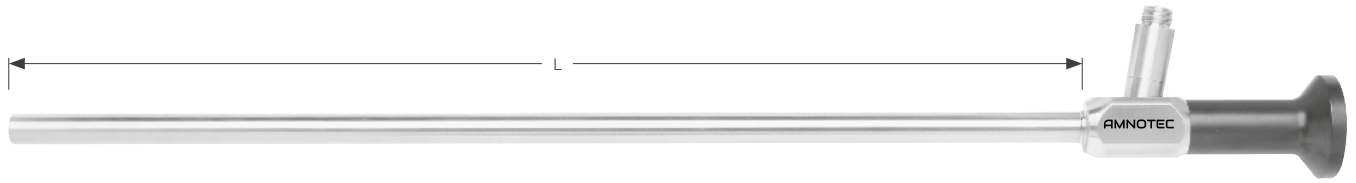
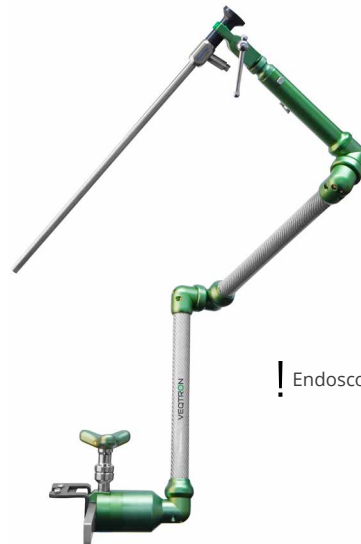## VEQTRON ICG/NIR 4K UHD Laparoscope

134° C
18 min AUTOCLAVE
273° F

Length	Ø	0°	30°
300.0 mm	5.5 mm	**72-405-00 NIR**	**72-405-30 NIR**
330.0 mm	10.0 mm	**72-410-00 NIR**	**72-410-30 NIR**

! Endoscope not included in delivery

VEQTRON ICG/NIR Sterilisation basket

54-540-50 NIR

VEQTRON ICG/NIR basket for laparoscope and light cable
with racks and lid, 506 x 172 x 56 mm

71-990-00

VEQTRON RAS Holding arm for endoscopes

VEQTRON

134° C
18 min AUTOCLAVE
273° F

Cold light cables for VEQTRON ICG/NIR Twinlight LED-LASER

	Cable, only	Cable with 2 adapters
Length	Ø 4.8 mm	Ø 4.8 mm
230.0 cm	**71-146-23 NIR**	**71-146-23 NIR C** ■
300.0 cm	**71-146-30 NIR**	**71-146-30 NIR C** ■
350.0 cm	**71-146-35 NIR**	**71-146-35 NIR C** ■

71-128-00
Adapter unit side

71-129-00
Adapter endoscope side

VEQTRON
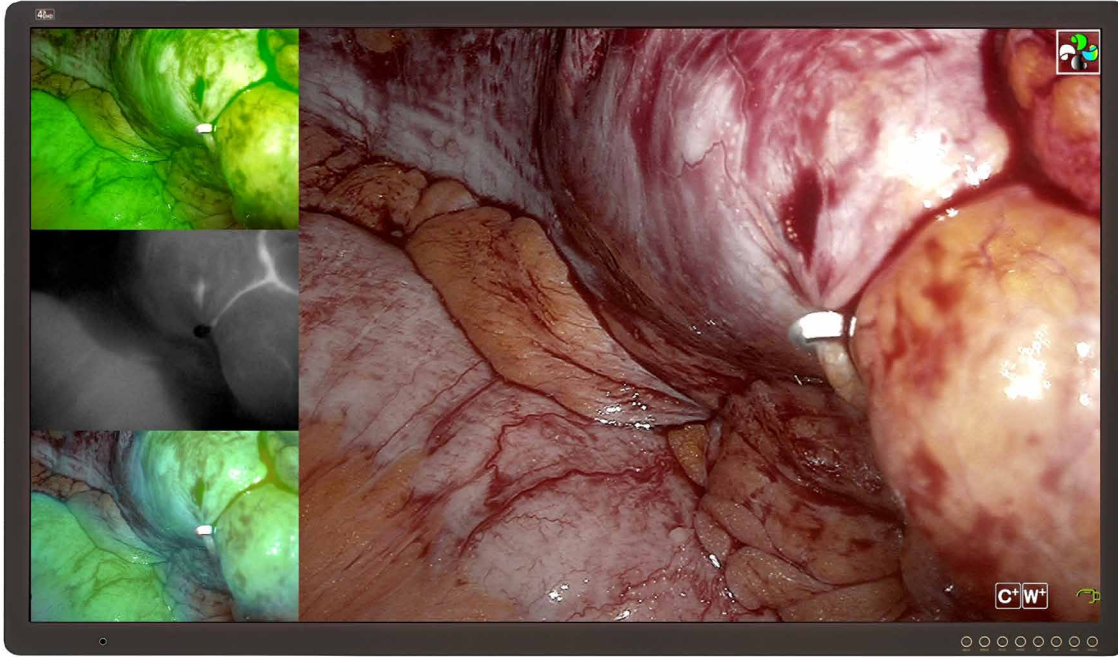
71-336-55 UHD   55" **4K**

4K UHD LCD (LED) Colour Monitor, PiP, without stand

• Ultra-High resolution and outstanding colour saturation
• Razor-sharp image clarity, allowing doctors to focus on critically
  important procedure decisions
• Multi-signal inputs allow for windowing options using picture-in-picture
  and picture-by-picture layouts
• Designed and developed to satisfy the medical industry's needs,
  including 24/7 operation
• Rounded bezel corners, wide viewing angles, and a backlit touch menu,
  allow for safe and efficient interaction

! ATTENTION: This monitor can only be mounted to
equipment trolley 71-701-55 on page (17)

Technical Data:

Panel size:	55" LCD (LED) / 1209.6 x 680.4 mm
Pixels:	3840 (H) x 2160 (V)
Response time:	6 ms
Aspect ratio:	16:9
Viewing angle:	178° (R/L, U/D)
Brightness:	500 cd/m2
Colours:	1.08 Billion
Contrast ratio:	4000:1
Video input:	1 x HDMI 2.0
	2 x DP 1.2 (SST)
	1 x DVI (single link)
	2 x DVI (dual link)
Video output:	1 x DVI (single link)
	1 x DP 1.2 (SST)
Other connections:	USB (Service)
	RS-232C
Dimensions:	1278 x 756 x 82.5 mm (WxHxD)
Weight:	37.35 kg
Power supply:	90-270 V
Power consumption:	210 VA max.
Regulations:	IEC 60601-1, IEC 60601-1-2

Included in delivery

• Monitor
• Mains cable
• DP cable
• HDMI cable
• DVI-D cable
• Remote control and batteries
• Instruction manual
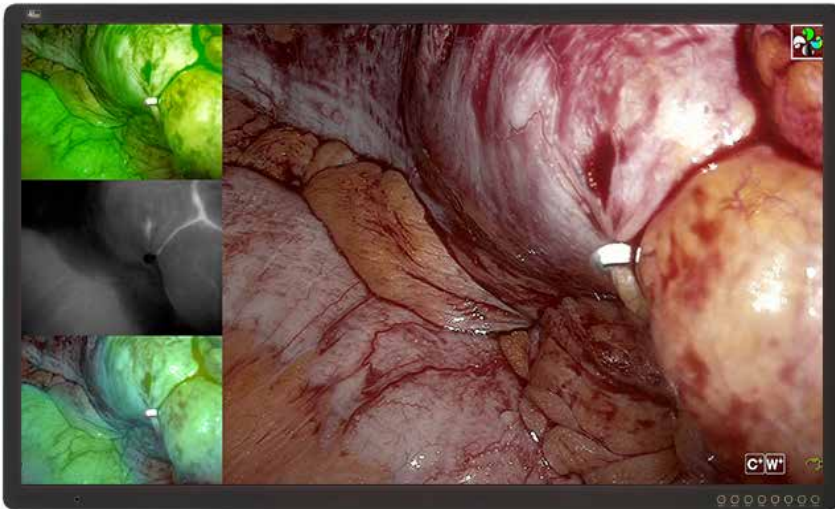
3D Glasses

71-336-32 UHD   32"   `4K` `3D`

3D / 4K UHD LCD (LED) Colour Monitor, without stand

- Ultra-High resolution and outstanding colour saturation
- Razor-sharp image clarity, allowing doctors to focus on critically important procedure decisions
- 3D mode ON or OFF button
- Designed and developed to satisfy the medical industry's needs, including 24/7 operation
- Wide colour gamut, BT.709 and BT.2020 compatible

Technical Data:

Panel size:	32" LCD (LED), 708.48 mm x 398.82 mm
Pixels:	3840 (H) x 2160 (V)
Response time:	8 ms
Aspect ratio:	16:9
Viewing angle:	(2D) 178° (R/L, U/D)
	(3D) 6° (U/D)
Brightness:	(2D) 500 cd/m2
	(3D) 200 cd/m2
Colours:	1.07 Billion
Contrast ratio:	(2D) 1250 : 1
	(3D) 500 : 1
3D Type:	Side-by-Side, Line-by-Line, Top and Bottom,
	SDI level B-DS, SDI dual input
	3D is enabled or disabled in OSD
Video input:	1 x HDMI 2.0 (HDCP 2.2)
	2 x DP 1.2 (SST)
	1 x DVI (single link, compatible HDMI 1.4 and HDCP 1.4)
	4 x SDI (3G)
	2 x SDI (12G)
Dimensions:	760 x 465 x 71.4 mm (WxHxD)
Weight:	10.7 kg
Power supply:	AC 100~240V, DC 24V/6.6A
Power consumption:	135 VA max.
Regulations:	EN60601-1, EN60601-1-2

Included in delivery

- Monitor
- AC Mains cable
- AC/DC adapter
- DP cable
- HDMI cable
- DVI-D cable
- SDI cable
- 3D glasses
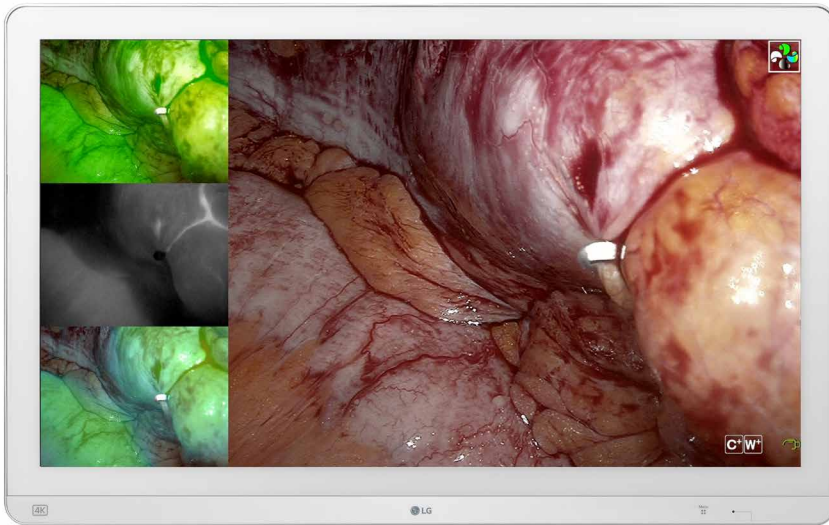
71-322-32 UHD   31,5 "   **4K**

4K UHD IPS Colour Monitor

• Superior picture quality for fine surgery
• Allows accurate reproduction of HDR 10 contents
• Mirror and Rotation Mode
• "Picture by Picture" and "Picture in Picture" mode
• The support up to 4 "Picture by Picture" allows medical professionals to see
  a combination of endoscopic and fluoroscopic images while monitoring vital signs.
• Anti-reflection protection glass IP35

Technical Data:

Panel size:	31.5" IPS
Pixels:	3840 (H) x 2160 (V)
Response time:	14 ms (Off-setting), 5 ms (Faster-setting)
Aspect ratio:	16:9
Viewing angle:	178° (R/L, U/D)
Brightness:	800 cd/m^2
Contrast ratio:	1000:1
Video input:	1 x HDMI
	1 x DP
	1 x DVI
	1 x 3G-SDI
DICOM Compliant:	Yes
HW Calibration:	Yes (True Color Pro)
HDR:	HDR 10
Dimensions:	764.6 x 480.8 x 94.4 mm (BxHxT)
Weight:	approx. 12.2 kg
Power supply:	100-240 V / 50/60 Hz
Power consumption:	120 VA max.
Regulations:	IEC 60601-1, IEC 60601-1-2

Included in delivery

• Monitor
• Mains adapter
• HDMI cable
• DP cable
• Instruction manual

VEQTRON ICG/NIR IMAGING SYSTEM

VEQTRON PC System Touch *HD*

71-324-32 HD NIR   32"

HD PC-Monitor with touchscreen, Compact Display System, without stand

• Serves as an input terminal or workstation for:
  - HIS (Hospital Information System)
  - ePR/ PDMS (Patient Data Management System)
  - Anaesthesia Documentation System
  - RIS (Radiology Information System)
  - PACS (Picture Archiving and Communication System)
  - Digital video and endoscopy System
  - Automated data transfer from medical devices
• Completely closed aluminum housing
• Extremely scratch-proof aluminosilicate glas with anti-reflection-coating
• Special zone cooling system without any mechanically moving parts and maintenance-free
• Engineered for permanent 24/7 operation
• Internal 32" HD display with all-round viewing angle
• Superior image quality
• Hygienic design

Technical Data:

Panel size:	32" LCD Touchscreen
Pixels:	1920 (H) x 1080 (V)
Response time:	25 ms
Aspect ratio:	16:9
Viewing angle:	178° (R/L, U/D)
Brightness:	400 cd/m^2
Colours:	16.7 Millions
Contrast ratio:	1300:1
Processor:	Intel® Celeron®
Network access Ethernet:	2 x 10/100/1000 MBit with RJ45 connection (not decoupled)
Interfaces:	1 x DP, 1 x HDMI, 1x RS232, 4x USB 3.1
Hard disc:	8 GB RAM, mSATA 120 GB SSD
Dimensions:	748 x 479 x 64 mm (WxHxD)
Weight:	approx. 13.0 kg
Power supply:	90-240 V / 50/60 Hz
Power consumption:	110 VA max.
Regulations:	IEC 60601-1, IEC 60601-1-2

Included in delivery
• PC
• Mains cable
• Instruction manual

Optional

71-095-04

Glass keyboard with touchpad, USB-connection, Medical approved

71-095-06

Glass keyboard with touchpad and numeric pad USB-connection, Medical approved

www.AMNOTEC.de

13

VEQTRON

VEQTRON ICG/NIR WORKSTATION

71-700-52 NIR

• High torsional stiffness & stability due to the constructive design of the base
• Max. load capacity 80.0 kg
• High-quality, antistatic dual wheels with locking brakes
• Easy and direct manoeuvring of the fully-stocked equipment cart with the help of the handle
• Secure grip of the devices due to the increased circumferential spill edge
• Easy to access and therefore easy to clean

Technical Data:
2 x Shelves 42,4 x 43 cm, adjustable, max. load capacity 20.0 kg
1 x Drawer
1 x TFT-monitor holder up to 14 kg VESA75/100, rotatable and inclinable
1 x Multiple socket with 6 plug-boxes Schuko and power cable L. 5 m

Dimensions: 133 x 61 x 62 cm (HxWxD)
Colour surface: RAL 7035 light grey, powder-coated
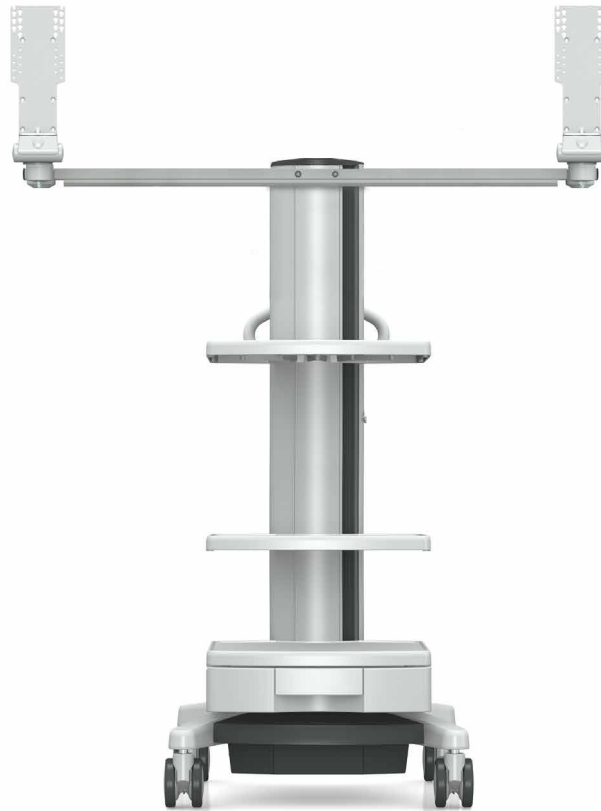Decor elements: RAL 7035 light grey

71-705-31

Camera head holder

VEQTRON ICG/NIR WORKSTATION

71-700-52 NIR TT

with transformer

• High torsional stiffness & stability due to the constructive design of the base
• Max. load capacity 80.0 kg
• High-quality, antistatic dual wheels with locking brakes
• Easy and direct manoeuvring of the fully-stocked equipment cart with the help of the handle
• Secure grip of the devices due to the increased circumferential spill edge
• Easy to access and therefore easy to clean
• With isolating transformer

Technical Data:
2 x Shelves 42,4 x 43 cm, adjustable, max. load capacity 20.0 kg
1 x Drawer
1 x TFT-monitor holder up to 14 kg VESA75/100, rotatable and inclinable
1 x Isolating transformer with multiple socket, 6 plug-boxes Schuko and power cable L. 5 m

Dimensions: 133 x 61 x 62 cm (HxWxD)
Colour surface: RAL 7035 light grey, powder-coated
Decor elements: RAL 7035 light grey

Further accessories available upon request

VEQTRON

VEQTRON ICG/NIR WORKSTATION

71-700-50 NIR

- High torsional stiffness & stability due to the constructive design of the base
- Max. load capacity 80.0 kg
- High-quality, antistatic dual wheels with locking brakes
- Easy and direct manoeuvring of the fully-stocked equipment cart with the help of the handle
- Secure grip of the devices due to the increased circumferential spill edge
- Easy to access and therefore easy to clean

Technical Data:
2 x Shelves 42,4 x 43 cm, adjustable, max. load capacity 20.0 kg
1 x Drawer
1 x Transverse crossbar with two monitor holder up to 14 kg (each) VESA75/100, rotatable and inclinable
1 x Multiple socket with 6 plug-boxes Schuko and power cable L. 5 m

Dimensions: 133 x 106 x 62 cm (HxWxD)
Colour surface: RAL 7035 light grey, powder-coated
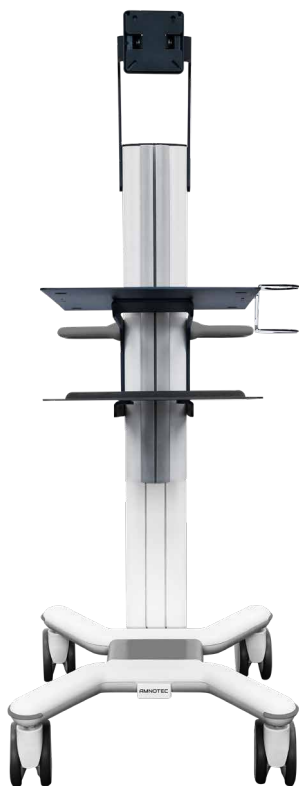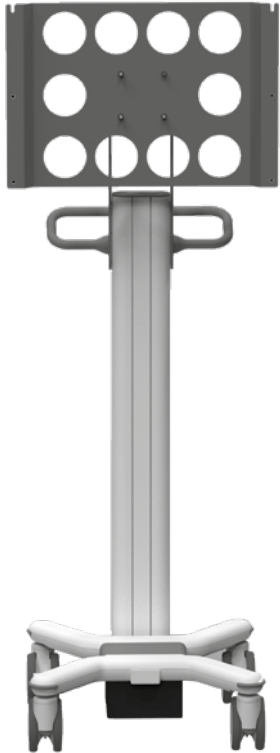Decor elements: RAL 7035 light grey

VEQTRON ICG/NIR WORKSTATION

71-700-50 NIR TT

with transformer

- High torsional stiffness & stability due to the constructive design of the base
- Max. load capacity 80.0 kg
- High-quality, antistatic dual wheels with locking brakes
- Easy and direct manoeuvring of the fully-stocked equipment cart with the help of the handle
- Secure grip of the devices due to the increased circumferential spill edge
- Easy to access and therefore easy to clean
- With isolating transformer

Technical Data:
2 x Shelves 42,4 x 43 cm, adjustable, max. load capacity 20.0 kg
1 x Drawer
1 x Transverse crossbar with two monitor holder up to 14 kg (each) VESA75/100, rotatable and inclinable
1 x Isolating transformer with multiple socket, 6 plug-boxes Schuko and power cable L. 5 m

Dimensions: 133 x 106 x 62 cm (HxWxD)
Colour surface: RAL 7035 light grey, powder-coated
Decor elements: RAL 7035 light grey

71-705-31

Camera head holder

Further accessories available upon request

VEQTRON ICG/NIR WORKSTATION

71-701-52 NIR

- High torsional stiffness & stability due to the constructive design of the base
- Max. load capacity 33.0 kg
- Monitor holder and shelves are height adjustable
- High-quality, antistatic dual wheels with locking brakes
- Easy and direct manoeuvring of the fully-stocked equipment cart with the help of the handle
- Easy to access and therefore easy to clean
- Camera head holder included
- Easy mounting of the optional Third module / compartment 71-701-20 NIR (NOT included in delivery)

Technical Data:
2 x Shelves 41 x 37.5 cm, height adjustable,
      max. load capacity 11.0 kg (top) and 8.0 kg (bottom)
1 x TFT-monitor holder up to 14 kg VESA75/100, height adjustable
1 x Multiple socket with 4 plug-boxes Schuko and power cable L. 3 m

Dimensions: 125.5 x 55.5 x 70 cm (HxWxD)
Colour surface: Light grey

71-701-20 NIR

Third module / compartment

! Only suitable for 55" Monitor

VEQTRON ICG/NIR WORKSTATION

71-701-55

• High torsional stiffness & stability due to the constructive design of the base
• Specially made for 55" Monitors with maximum weight of 38.0 kg
• Additional weights underneath the base prevent the trolley from tipping over
• High-quality, antistatic dual wheels with locking brakes
• Easy and direct manoeuvring of the fully-stocked equipment cart with
  the help of the handle
• Easy to access and therefore easy to clean

Technical Data:
1 x Monitor holder up to 38 kg VESA 600x400
Dimensions: 125.5 x 55.5 x 62 cm (HxWxD)
Colour surface: Light grey

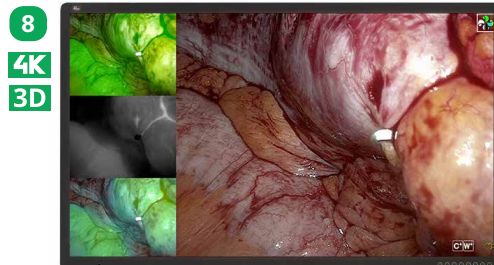## VEQTRON ICG/NIR 4K Imaging Basic Set
73-999-56 NIR

1	**71-068-05 NIR**	VEQTRON ICG/NIR 4K Imaging System camera unit	
2	**71-068-10 NIR**	VEQTRON ICG/NIR 4 CMOS 4K Camera head	
3	**71-182-30 NIR**	VEQTRON ICG/NIR 4K Twinlight LED-LASER	
4	**72-410-30 NIR**	VEQTRON ICG/NIR 4K UHD Laparoscope, 30°	**2 pcs.**
5	**71-146-30 NIR C**	VEQTRON ICG/NIR Light cable, L. 3 m	**2 pcs.**
6	**54-540-50 NIR**	VEQTRON ICG/NIR Sterilisation basket	**2 pcs.**
7	**71-322-32 UHD**	4K UHD 32" IPS Colour monitor	
8	**71-701-52 NIR**	VEQTRON ICG/NIR WORKSTATION	

VEQTRON ICG/NIR IMAGING SYSTEM
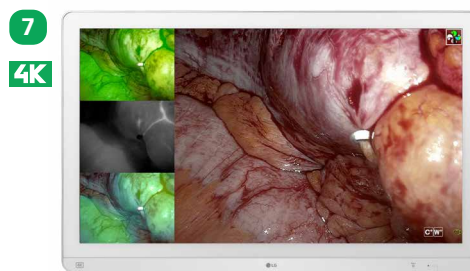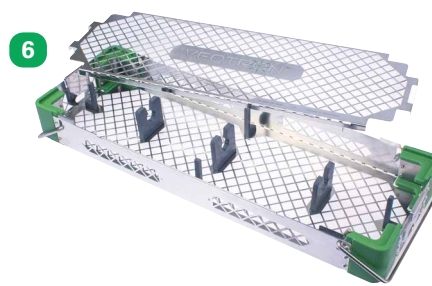
VEQTRON 3D ICG/NIR 4K Imaging Set

73-999-76 NIR

1	**71-980-00**	VEQTRON 3D Imaging System
2	**71-068-05 NIR**	VEQTRON ICG/NIR 4K Imaging System camera unit
3	**71-068-10 NIR**	VEQTRON ICG/NIR 4 CMOS 4K Camera head
4	**71-182-30 NIR**	VEQTRON ICG/NIR 4K Twinlight LED-LASER
5	**72-410-30 NIR**	VEQTRON ICG/NIR 4K UHD Laparoscope, 30°
6	**71-146-30 NIR C**	VEQTRON ICG/NIR Light cable, L. 3 m
7	**54-540-50 NIR**	VEQTRON ICG/NIR Sterilisation basket
8	**71-336-32 UHD**	3D 4K UHD 32" LCD (LED) Colour monitor
9	**71-701-52 NIR**	VEQTRON ICG/NIR WORKSTATION
10	**71-701-20 NIR**	Compartment for WORKSTATION

VEQTRON ICG/NIR IMAGING SYSTEM

VEQTRON ICG/NIR 4K Laparoscopy Set

73-999-62 NIR

Devices and instruments

1	**71-068-05 NIR**	VEQTRON ICG/NIR 4K Imaging System camera unit
2	**71-068-10 NIR**	VEQTRON ICG/NIR 4 CMOS 4K Camera head
3	**71-182-30 NIR**	VEQTRON ICG/NIR 4K Twinlight LED-LASER light source
4	**71-322-32 UHD**	4K UHD 32" IPS Colour monitor
5	**71-202-45 H.**	AMNOFLOW 45, Laparoscopic CO_2 insufflator
6	**71-435-00**	AMNOPUMP POLY LAP-HYS, Suction-irrigation pump
7	**71-700-52 NIR**	VEQTRON ICG/NIR WORKSTATION
8	**71-705-31**	Camera head holder
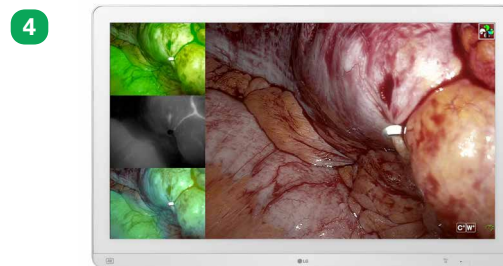
VEQTRON

9	**72-410-30 NIR**	VEQTRON ICG/NIR 4K UHD Laparoscope, 30°	
10	**73-000-12**	Veress insufflation cannula, Ø 2 mm	
11	**73-010-06**	Automatic trocar sleeve, Ø 5.5 mm, WL. 95 mm, complete	**3 pcs.**
12	**73-010-11**	Automatic trocar sleeve, Ø 11 mm, WL. 101 mm, complete	**2 pcs.**
13	**73-072-02**	Reducing sleeve for automatic trocar sleeves, Ø 10,11 / 5.5 mm, WL. 180 mm	
14	**73-154-00**	Suction / irrigation Set, Ø 5.5 und 10 mm	
15	**73-301-33 C**	Metzenbaum scissors, curved, Ø 5 mm, complete	
16	**73-304-33 C**	Hook scissors, straight Ø 5 mm, complete	
17	**73-315-33 C**	Biopsy forceps, spoon oval, Ø 5 mm, complete	
18	**73-331-33 C**	Grasping forceps, fenestrated, Ø 5 mm, complete	
19	**73-345-33 C**	Maryland grasping forceps, Ø 5 mm, complete	
20	**73-352-33 CR**	Mixter grasping forceps, 90°, Ø 5 mm, complete	
21	**73-356-33 CR**	Kelly grasping forceps, Ø 5 mm, complete	
22	**73-386-33 C**	AMNOCLINCH grasping forceps,Ø 5 mm, complete	
23	**73-479-33 CR**	Claw grasping forceps, 2x3 teeth, Ø 10 mm, complete	
24	**73-481-33 CR**	Babcock grasping forceps, Ø 10 mm, complete	

VEQTRON ICG/NIR IMAGING SYSTEM
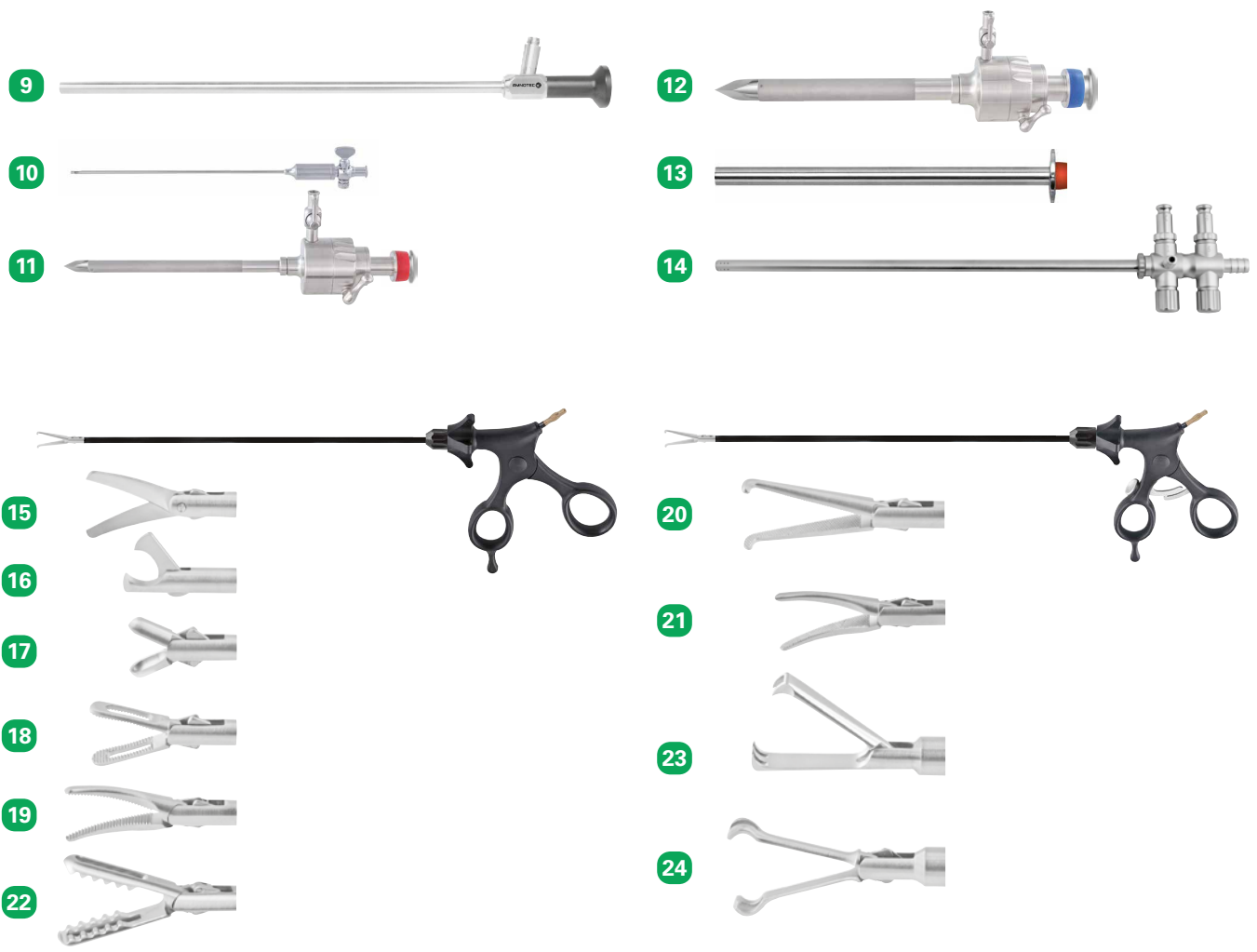
25	73-812-33	Monopolar hook electrode 90°, Ø 5 mm
26	73-892-03	Monopolar cable, L. 3 m, for AMNOTOM
27	73-663-34 C	AMNOGRIP Bipolar Maryland dissector, Ø 5 mm, complete
28	73-670-34 C	AMNOGRIP Bipolar scissors, Ø 5 mm, complete
29	70-245-30	Bipolar cable, L. 3 m, for AMNOTOM
30	73-507-02	TC needle-holder, left curved, Ø 5 mm
31	73-507-08	AMNOFLAM needle-holder, Ø 5 mm
32	73-520-33	Knot guide with open eye, Ø 4 mm
33	73-528-00	Suture instrument Ø 2.3 mm, WL. 14 cm
34	73-551-04	Clip applying forceps, for ETHICON Clips ML
35	73-707-34	Fan retractor, Ø 5 mm, WL. 34 cm
36	71-146-30 NIR C	VEQTRON ICG/NIR light cable, Ø 4.8 mm, L. 300 cm
37	54-540-00	Sterilisation basket for Laparoscopy instruments
38	54-540-50 NIR	VEQTRON ICG/NIR Sterilisation basket

VEQTRON

26/2023