

AMNOTEC 



VEQTRON  – GUIDED SURGERY



**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 4096 x 2160 pixels
Horizontal resolution:	> 1,600 TV-Lines
Aspect ratio:	16:9
Video output:	1 x DVI 1 x HDMI 1 x 4x3G-SDI 1 x 12G-SDI
Other connections:	1 x USB 2 x RS232
Power supply:	110-240 V (150 VA)
Dimensions unit:	370 x 150 x 403 mm (WxHxD)
Weight unit:	8.9 kg
Dimensions camera head:	49 x 60 x 134 mm (WxHxD), without cable and objective
Weight 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. 4 x 3G-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





**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 units:	370 x 150 x 403 mm (WxHxD)
Weight unit:	7.86 kg
Dimensions camera head:	46 x 57 x 120 mm (WxHxD), without cable and objective
Weight 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





**4K**

## VEQTRON ONE | USB **4K**

### **71-064-00 UHD USB**

Control unit, camera head **without** objective

- 2.5 digital zoom
- Native progressive scan with more than 8 mega pixel
- Customizable user settings via On-Screen-Menu
- Advanced image processor
- High sensitivity requires less light from illumination
- New image enhancement functions on clarity and colour
- Ergonomic waterproof camera head with 3 programmable remote buttons, STERRAD® sterilizable (autoclavable on request)
- High interference immunity from electrosurgery
- Keyboard input facility for patient information
- FREEZE-function for freeze of actual image on the monitor
- Mirror, flip, rotation function
- Anti-Moiré filter for using with flexible fibroscopes
- Compatible to LED light source 71-116-30
- Automatic White Balance
- Video recording and image capturing directly to USB stick

#### Technical Data:

Image-sensor:	1 x 1/3" High sensitive MOS
Resolution:	4K UHD, 3840(H) x 2160(V) pixels > 1,800 TV Lines
Video output:	1 x HDMI 1 x 12G-SDI
Interface:	3 x USB 3.0 host (2 x back, 1 x front) 1 x RG45 Ethernet (Streaming) 1 x JACK (3.5mm, ACC1/2) 1 x Mini-DIN 6 (RS232/CAN)
Keyboard / foot switch input:	Yes
Control:	Glass panel touch screen
Video recording:	H264/265 Compression
Image capturing:	JPEG format
Power supply:	100 - 240 V
Dimensions unit:	300 x 85 x 365 mm (WxHxD)
Weight unit:	approx. 5.1 kg
Dimensions camera head:	35 x 40 x 67 mm (WxHxD)
Weight camera head:	approx. 90 g
Device classification:	I (acc. to MDD 93/42/EEC)
Applied standard:	EN60601-1, IEC60601-1-2

#### Included in delivery:

- Control unit
- Camera head with 3 m cable
- Mains cable
- HDMI cable
- Instruction manual

### **71-064-10 UHD 1 MOS, 1/3"**

Camera head with remote control (3 buttons) and cable



**4K**

**71-081-14 UHD** f = 14 mm

**71-081-18 UHD** f = 18 mm

**71-081-22 UHD** f = 22 mm

**71-081-28 UHD** f = 28 mm

Objective, C-Mount



**4K**

**71-083-10 UHD** f = 13 - 32 mm

Zoom objective, C-Mount





For Open Surgery



## VEQTRON ICG/NIR FluorosQan **4K**

**71-068-55 NIR** 4 CMOS

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

## VEQTRON ICG/NIR FluorosQan **HD**

**71-066-55 NIR** 4 CMOS

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

**71-066-50 NIR** 4 CMOS

with integrated LED and NIR light source and **manual** 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:	4K 3840 x 2160 pixels
Aspect ratio:	16:9
Dimensions:	223 x 78 x 78 mm
Weight camera head:	860 g

### 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 camera head:	860 g

### Included in delivery:

- Camera head with 3.0 m cable
- Instruction manual
- 2 pcs. Silicone protective cover

### 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



Recommended dye for our VEQTRON Imaging System

For more information, please visit:  
[www.diagnosticsgreen.com](http://www.diagnosticsgreen.com)





## 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:	AMNOTEK
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

- Suitable for HD Imaging system 71-066-00 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 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

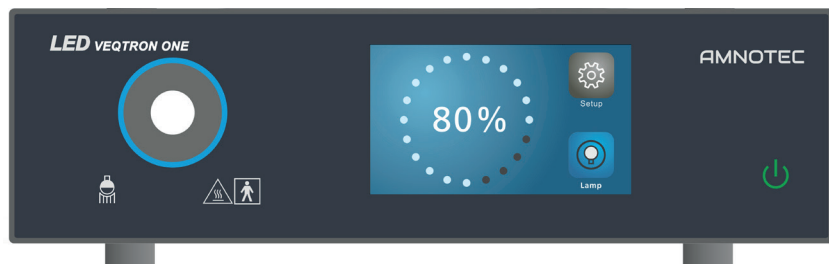
#### Technical Data:

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:	AMNOTEK
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 ONE I LED

### 71-116-30

Light source

- Low noise cooling system, less than 30 dB(A)
- More light with lower energy consumption
- Colour temperature of approx. 6.000 K equals the sunlight and guarantees an excellent aperture illumination as well as colour reproduction, especially in combination with our VECTRON ONE 4K Imaging system (71-064-00 UHD USB)
- Stepless controlled light intensity, which guarantees a constant high light quality
- No blackout times and costly lamp exchanges
- Automatic light intensity control via the output signal of a connected VECTRON ONE 4K Imaging system (71-064-00 UHD USB)
- Exchangeable light guide adapter. Standard: AMNOTEK / STORZ
- Ideal for all endoscopic interventions and diagnostic procedures

#### Technical Data:

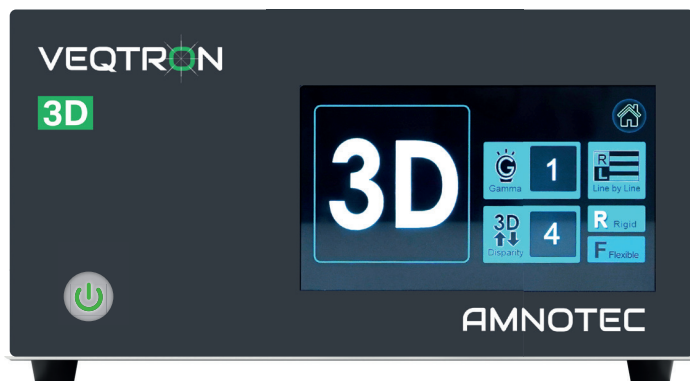
Colour temperature:	6,000° K
LED Lifetime:	approx. 50,000 hrs.
Control:	Glass panel touch screen
Dimming method:	Automatic or Manual
Brightness control:	0-100% stepless adjustable
Light exit:	AMNOTEK / STORZ
Video input:	1 x BNC (Video)
Power supply:	100 - 240 V AC / 50/60 Hz
Dimensions:	300 x 85 x 365 mm (WxHxD)
Weight:	approx. 5 kg
Protection class:	IP 20
Medical product class:	1, BF Type
Applied standard:	IEC 60601-1
Power consumption:	150 VA max.
CE:	Class I, acc. to MDD 93 / 42 / EEC

#### Included in delivery:

- LED light source
- Mains cable
- 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

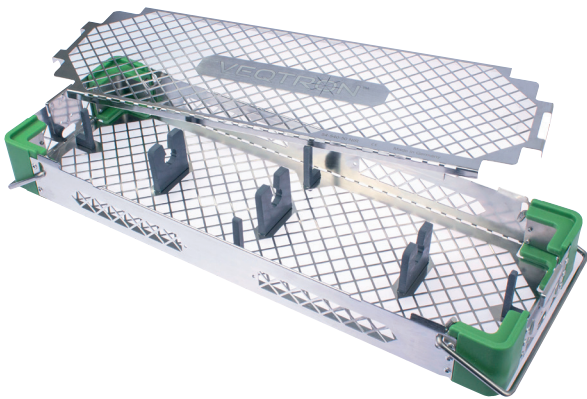




## VEQTRON ICG/NIR 4K UHD Laparoscope

134° C  
18 min AUTOCLAVE  
273° F

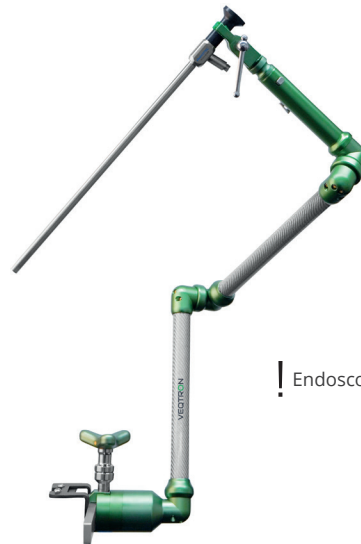
Length	Ø	0°	30°
300.0 mm	5.5 mm	<b>72-405-00 NIR</b>	<b>72-405-30 NIR</b>
330.0 mm	10.0 mm	<b>72-410-00 NIR</b>	<b>72-410-30 NIR</b>



## 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



! Endoscope not included in delivery

**71-990-00**

VEQTRON RAS Holding arm for endoscopes





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	<b>71-146-23 NIR</b>	<b>71-146-23 NIR C</b> ■
300.0 cm	<b>71-146-30 NIR</b>	<b>71-146-30 NIR C</b> ■
350.0 cm	<b>71-146-35 NIR</b>	<b>71-146-35 NIR C</b> ■

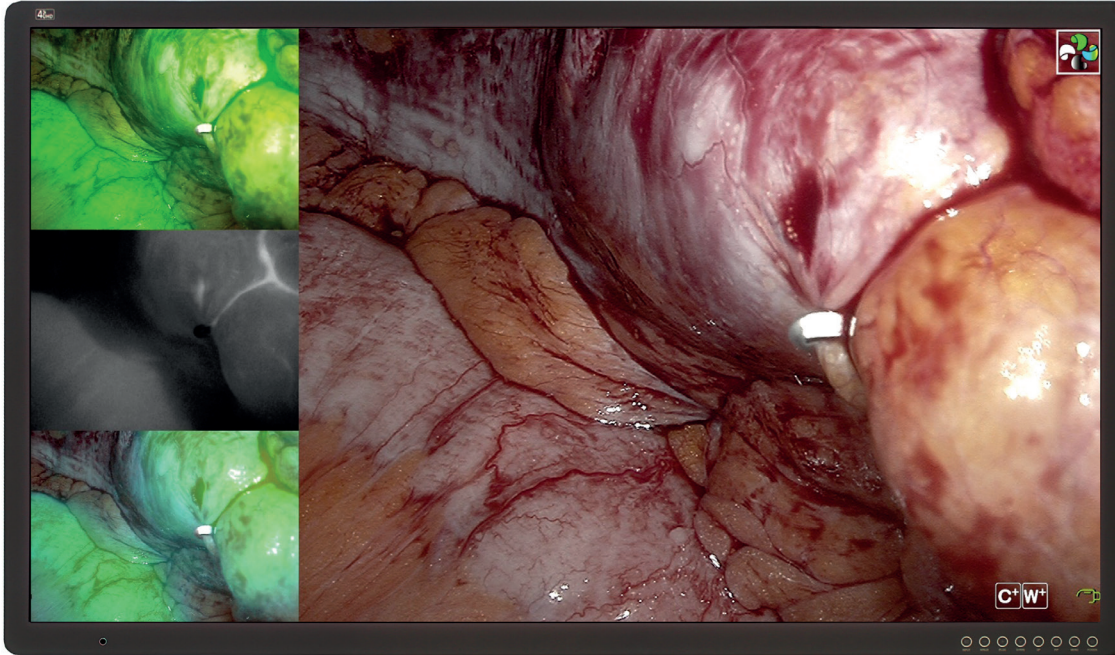


**71-128-00**  
Adapter unit side



**71-129-00**  
Adapter endoscope side



**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)

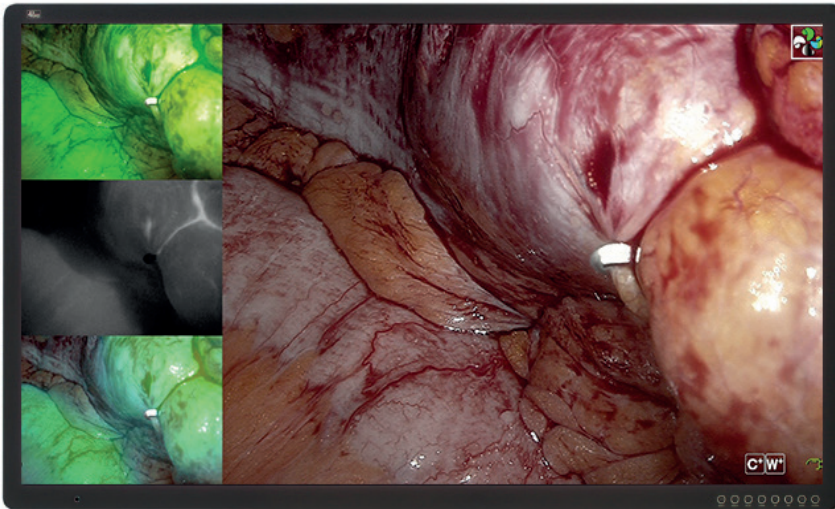
**Technical Data:**

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

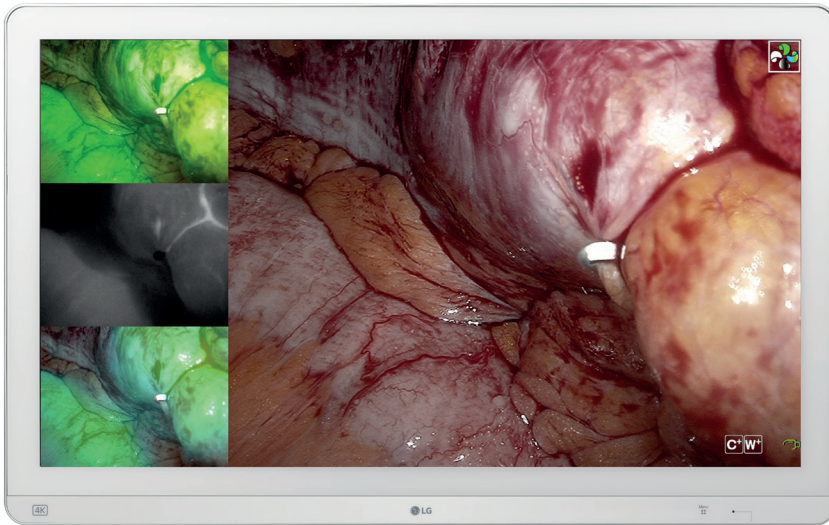
**Technical Data:**

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

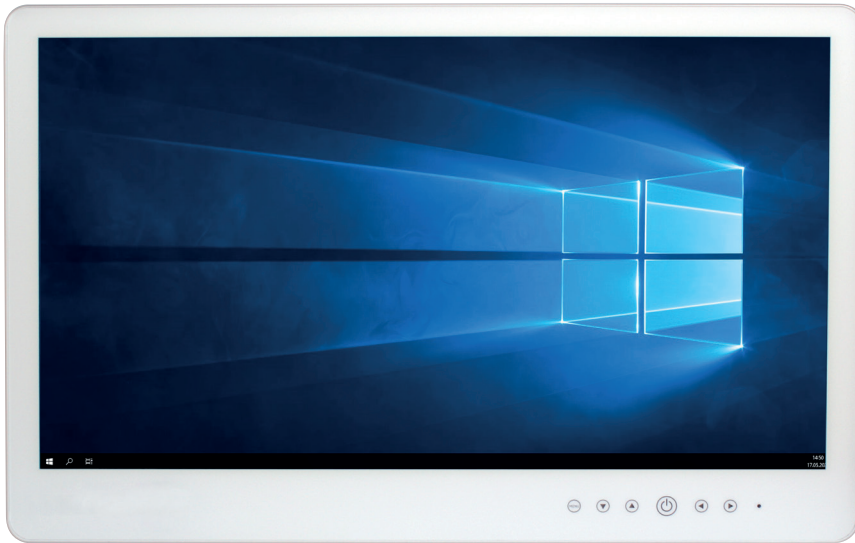
### Technical Data:

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 <sup>2</sup>
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 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 glass 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 <sup>2</sup>
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





## 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

## 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



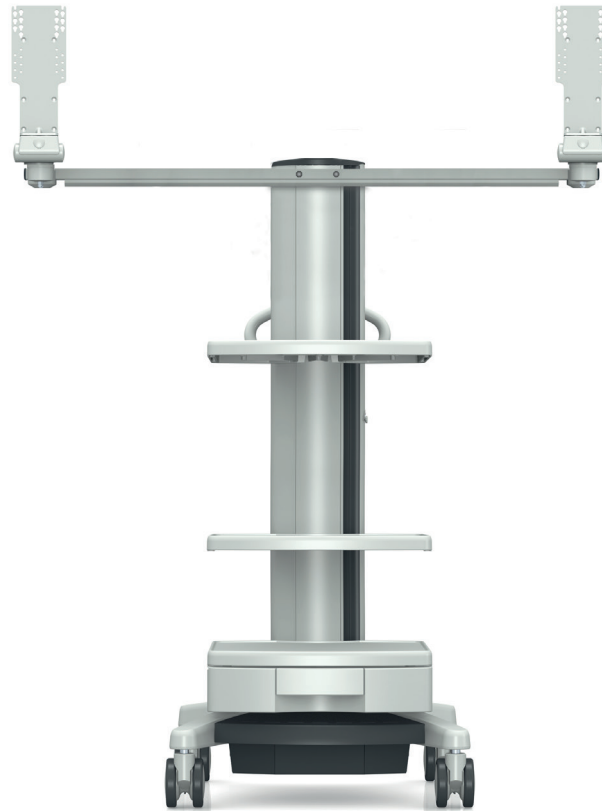
### 71-705-31

Camera head holder

Further accessories available upon request







## 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

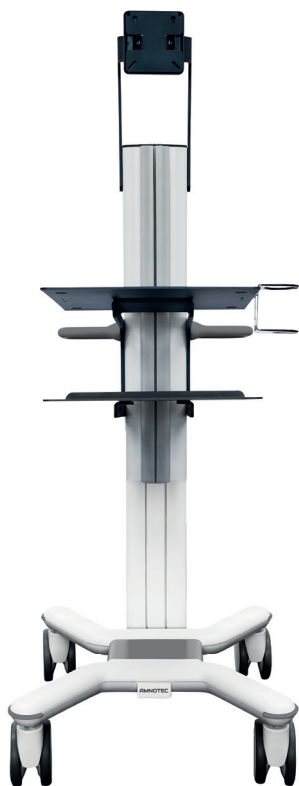


### 71-705-31

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)

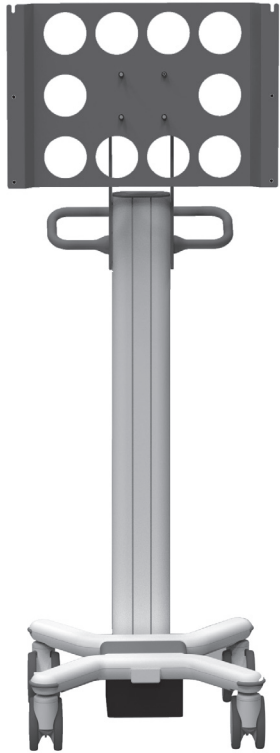
Colour surface: Light grey



### 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

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### Technical Data:

1 x Monitor holder up to 38 kg VESA 600x400

Dimensions: 125.5 x 55.5 x 62 cm (HxWxD)

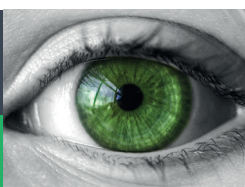
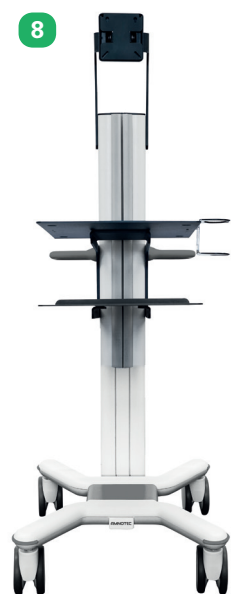
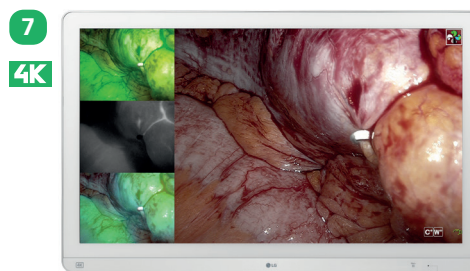
Colour surface: Light grey



## VEQTRON ICG/NIR 4K Imaging Basic Set

73-999-56 NIR

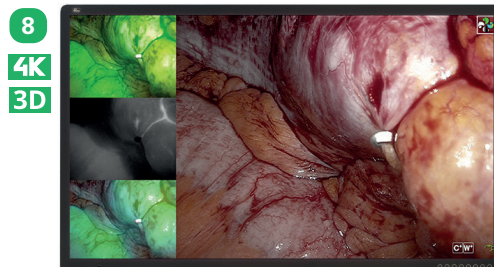
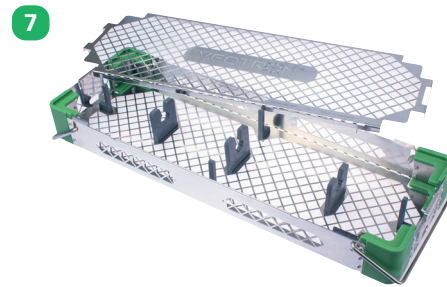
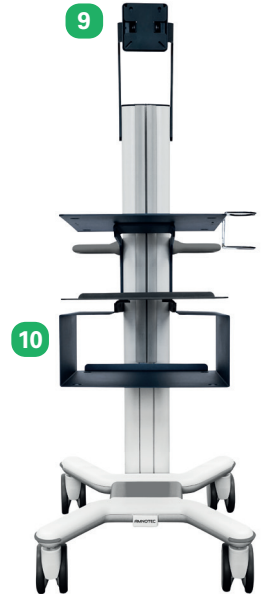
<b>1</b>	<b>71-068-05 NIR</b>	VEQTRON ICG/NIR 4K Imaging System camera unit	
<b>2</b>	<b>71-068-10 NIR</b>	VEQTRON ICG/NIR 4 CMOS 4K Camera head	
<b>3</b>	<b>71-182-30 NIR</b>	VEQTRON ICG/NIR 4K Twinlight LED-LASER	
<b>4</b>	<b>72-410-30 NIR</b>	VEQTRON ICG/NIR 4K UHD Laparoscope, 30°	<b>2 pcs.</b>
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



## 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

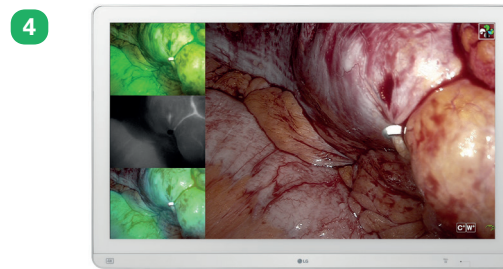


## VEQTRON ICG/NIR 4K Laparoscopy Set

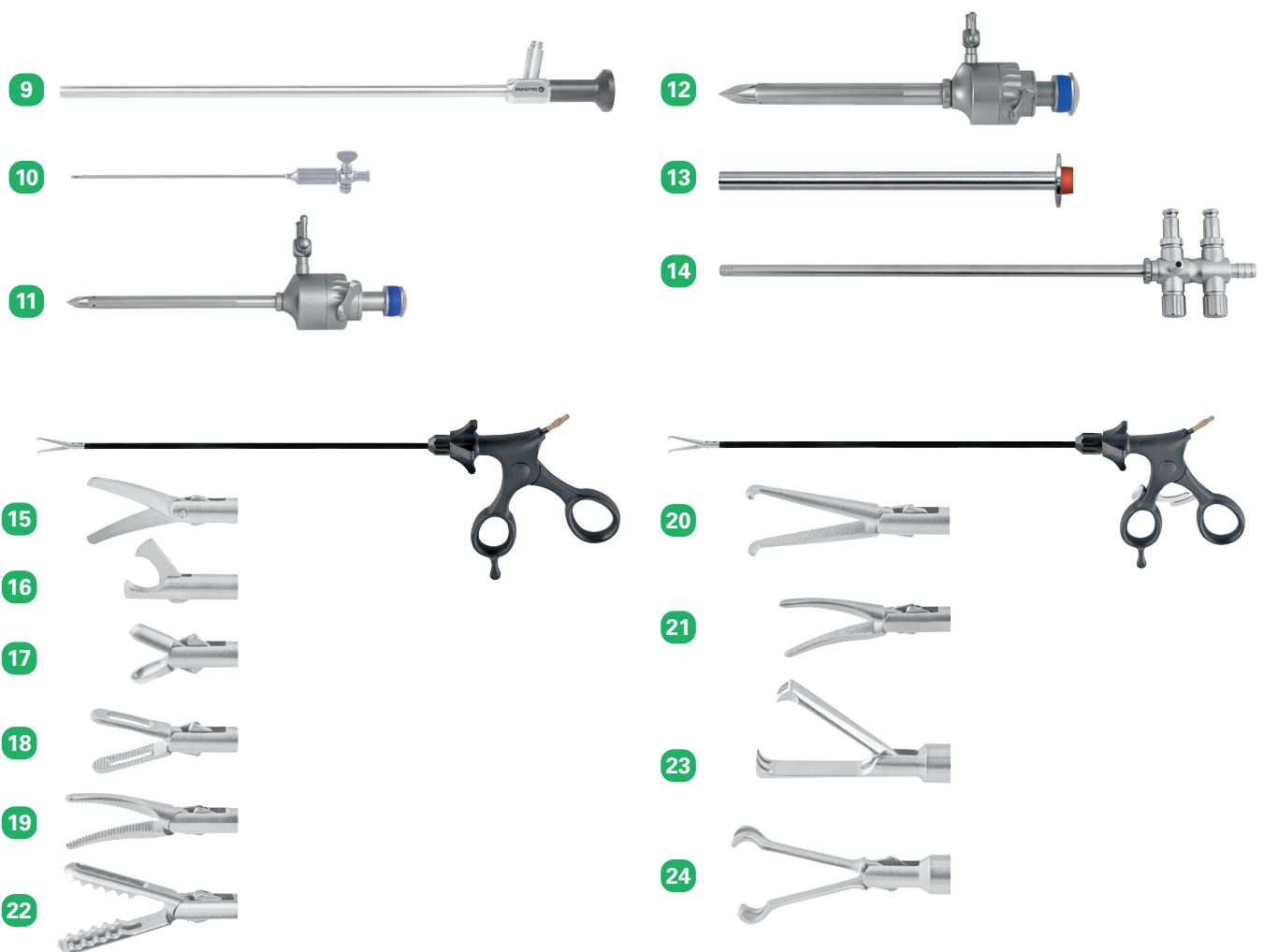
73-999-62 NIR

Devices and instruments

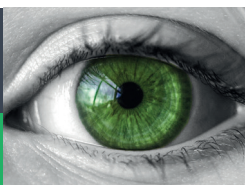
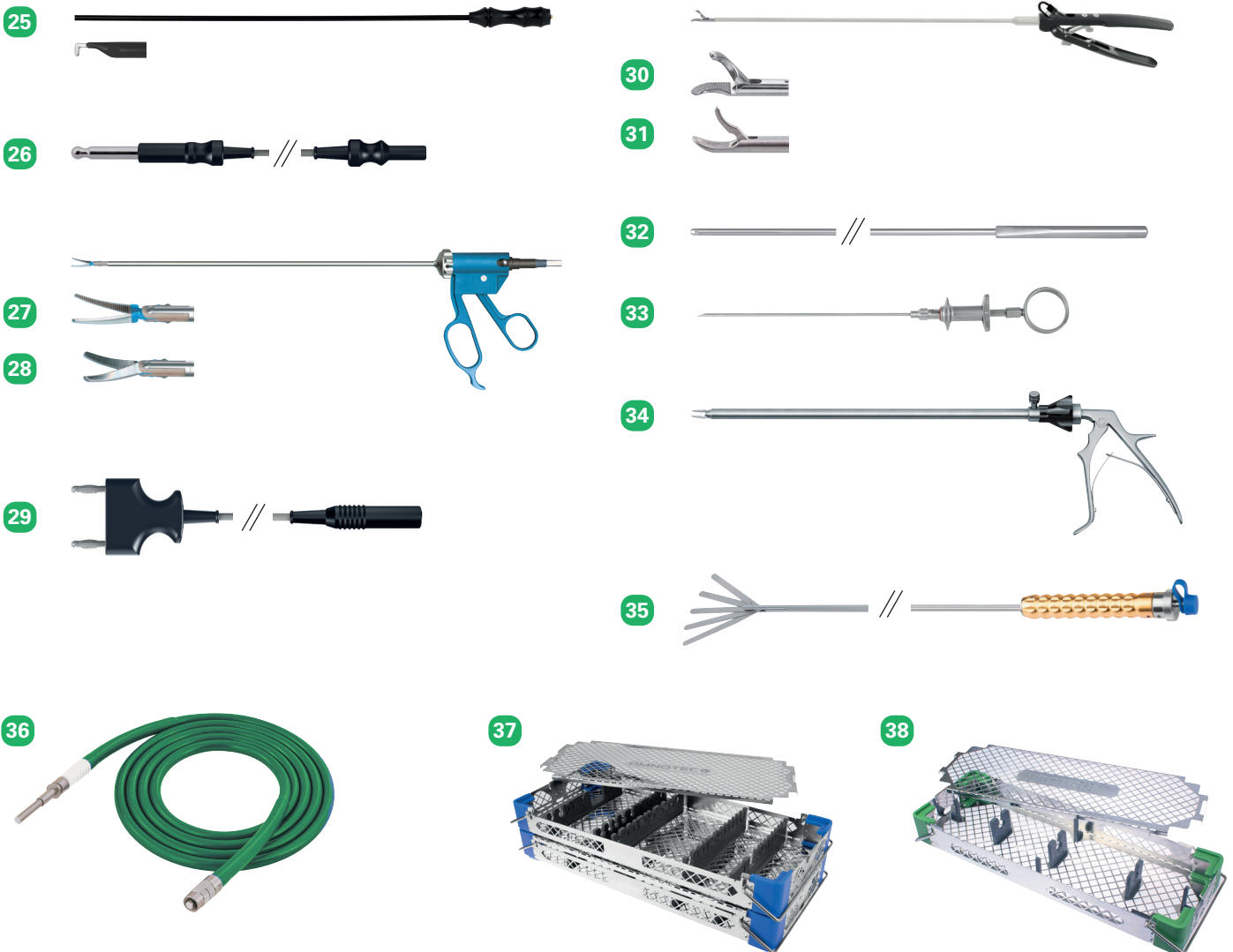
<b>1</b>	<b>71-068-05 NIR</b>	VEQTRON ICG/NIR 4K Imaging System camera unit
<b>2</b>	<b>71-068-10 NIR</b>	VEQTRON ICG/NIR 4 CMOS 4K Camera head
<b>3</b>	<b>71-182-30 NIR</b>	VEQTRON ICG/NIR 4K Twinlight LED-LASER light source
<b>4</b>	<b>71-322-32 UHD</b>	4K UHD 32" IPS Colour monitor
<b>5</b>	<b>71-202-45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



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



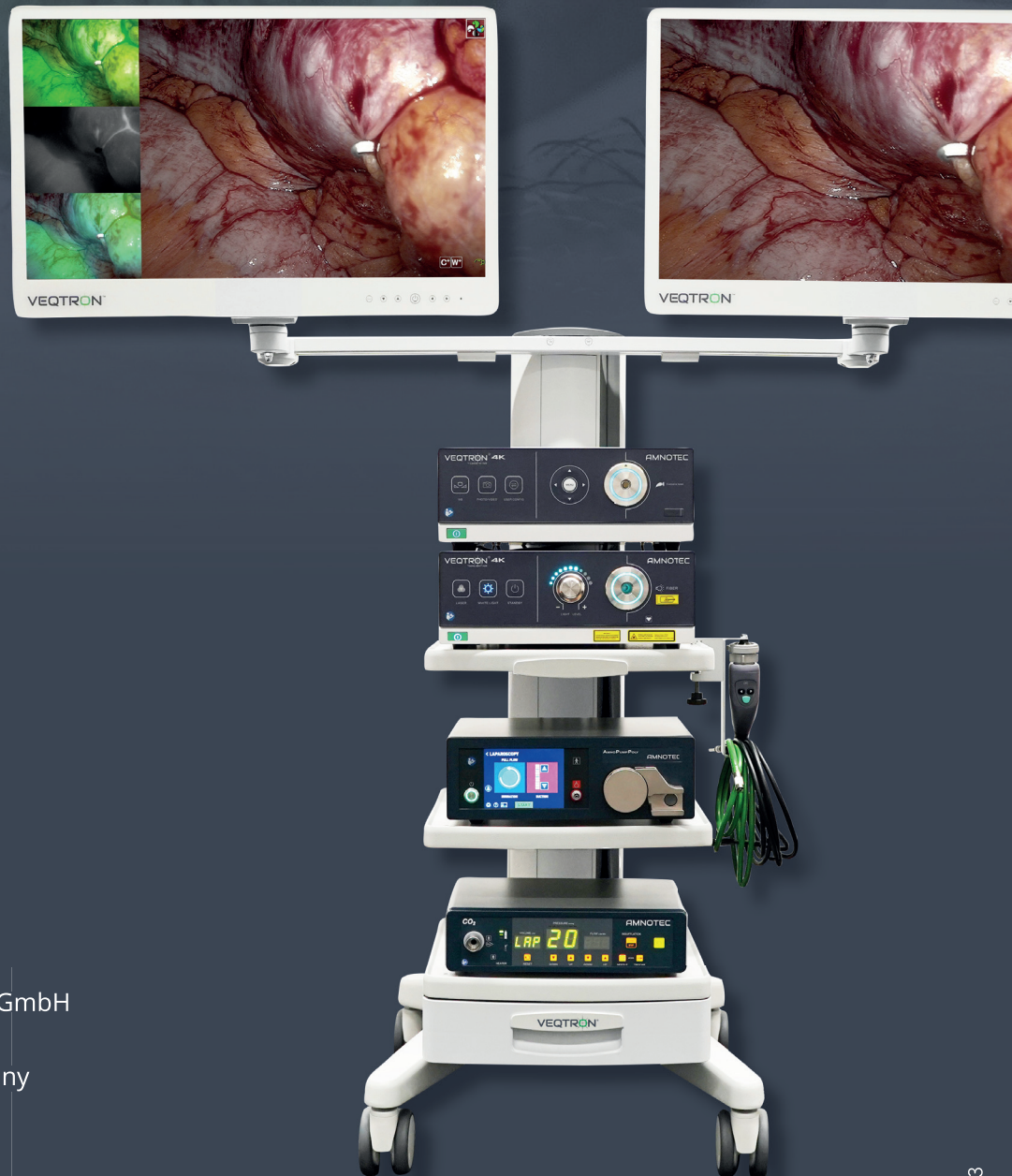
<b>25</b>	<b>73-812-33</b>	Monopolar hook electrode 90°, Ø 5 mm
<b>26</b>	<b>73-892-03</b>	Monopolar cable, L. 3 m, for AMNOTOM
<b>27</b>	<b>73-663-34 C</b>	AMNOGRIP Bipolar Maryland dissector, Ø 5 mm, complete
<b>28</b>	<b>73-670-34 C</b>	AMNOGRIP Bipolar scissors, Ø 5 mm, complete
<b>29</b>	<b>70-245-30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







# VEQTRON



**VEQTRON** – a brand of  
AMNOTEK International Medical GmbH

take-off GewerbePark 11  
78579 Neuhausen ob Eck, Germany  
Phone: +49 7467 42297-0  
Mail: [info@amnotec.de](mailto:info@amnotec.de)  
[www.amnotec.de](http://www.amnotec.de)