

Sample Model Variations from the COR Equipment Cart Series



UG220

Equipment Cart, wide, high, rides on 4 antistatic dual wheels equipped with locking brakes, mains switch on cover, central beam with integrated electrical subdistributors with 12 sockets, grounding plugs,

Dimensions:

Equipment Cart: 830 x 1474 x 730 mm (w x h x d),

Shelf: 630 x 25 x 510 mm (w x h x d),

Caster diameter: 150 mm

including:

Base Module, equipment cart, wide

Cover, equipment cart, wide

Beam Package, equipment cart, high

3x **Shelf**, wide

Drawer Unit with Lock, wide

2x **Equipment Rail**, long

Camera Holder



UG120

Equipment Cart, narrow, high, rides on 4 antistatic dual wheels equipped with locking brakes, mains switch on cover, central beam with integrated electrical subdistributors with 12 sockets, grounding plugs,

Dimensions:

Equipment Cart: 660 x 1474 x 730 mm (w x h x d),

Shelf: 450 x 25 x 510 mm (w x h x d),

Caster diameter: 150 mm

including:

Base Module, equipment cart, narrow

Cover, equipment cart, narrow

Beam Package, equipment cart, high

3x **Shelf**, narrow

Drawer Unit with Lock, narrow

2x **Equipment Rail**, long

Camera Holder

Recommended Accessories for Equipment Cart



UG310

UG310

Isolation Transformer,
200 V–240 V; 2000 VA with 3 special mains socket,
expulsion fuses, 3 grounding plugs,
dimensions: 330 x 90 x 495 mm (w x h x d),
for usage with equipment carts UGxxx



UG410

UG410

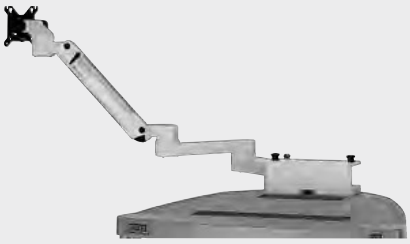

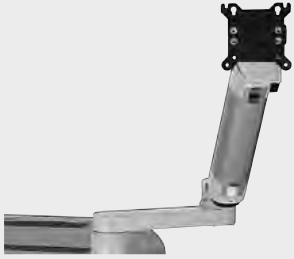
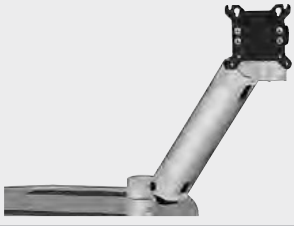
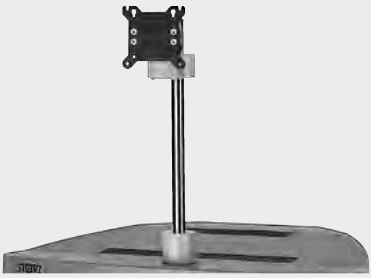

Earth Leakage Monitor,
200 V–240 V, for mounting at equipment cart,
control panel dimensions: 44 x 80 x 29 mm (w x h x d),
for usage with isolation transformer UG310



UG510

UG510

Monitor Holding Arm,
height adjustable, inclinable,
mountable on left or right,
turning radius approx. 320°, overhang 530 mm,
load capacity max. 15 kg,
monitor fixation VESA 75/100,
for usage with equipment carts UGxxx

	<p>UG 540 Monitor Swivel Arm, height and side adjustable, can be mounted on the left or on the right side, swivel range 180°, reach 780 mm, from center 1170 mm, loading capacity max. 15 kg, with monitor mount VESA 75/100, for use with Equipment Carts UG xxx</p>
	<p>UG 530 Swivel Arm, for navigation camera, height and side adjustable, can be mounted on the left or on the right side, swivel range 180°, reach 880 mm, from center 1270 mm, loading capacity max. 1.5 kg, for use with Equipment Carts UG xxx and navigation camera</p>
	<p>UG 520 Monitor Holding Arm, long, height and side adjustable, tilting, swivel range up to 320°, reach 760 mm, loading capacity max. 15 kg, with monitor holder VESA 75/100, for use with Equipment Carts UG xxx</p>
	<p>UG 510 Monitor Holding Arm, height and side adjustable, tilting, can be mounted either on the left or on the right side, swivel range up to 320°, reach 530 mm, loading capacity max. 15 kg, with monitor holder VESA 75/100, for Equipment Carts UG xxx</p>
	<div style="border: 1px solid black; padding: 5px; display: inline-block; width: 80px;"> <p>UG 500</p> <p>UG 501</p> </div> <p>Monitor Holder, height adjustable, swiveling and tilting, central mount, swivel range approx. 360°, loading capacity max. 18 kg, with monitor mount VESA 75/100, for use with Equipment Carts UG xxx</p> <p>Monitor Holder Adaptor, for central mounting of monitor holding arms on the rear attachment points of the COR equipment carts UG xxx for use with UG 500, UG 510 and UG 520</p>
	<p>UG 614 Counter Balance Plate, for improved stability when mounting a monitor holding arm, Dimensions: 356 x 6 x 478 (w x h x d), for use with Equipment Carts UG xxx</p> <p>UG 615 Auxiliary Counter Balance Plate, for improved stability when mounting a monitor holding arm, Dimensions: 290 x 6 x 478 mm (w x h x d), for use with Equipment Carts UG xxx</p>

32" 4K Medical Display

FM-E3203D FM-E3203DG

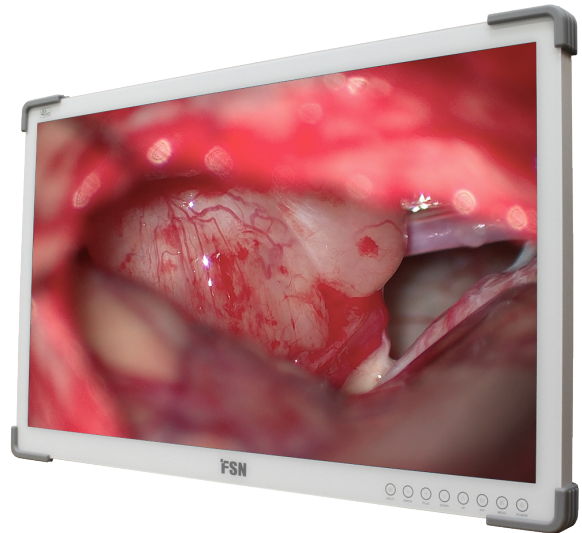


- *Vivid colors plus high brightness level.*
- *Protective corner guards add safety to active ORs.*
- *Fast detection of MIS camera system video.*

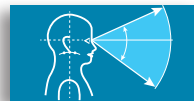


See Every Detail

The 4K UHD technology found in this monitor produces ultra-sharp picture clarity and high levels of detail. This greatly enhances images from endoscopic camera systems. The input source options on this monitor include DVI, HDMI, and DisplayPort. The FM-E3203DG model adds 3G and 12G SDI to the impressive selection of signal input choices.

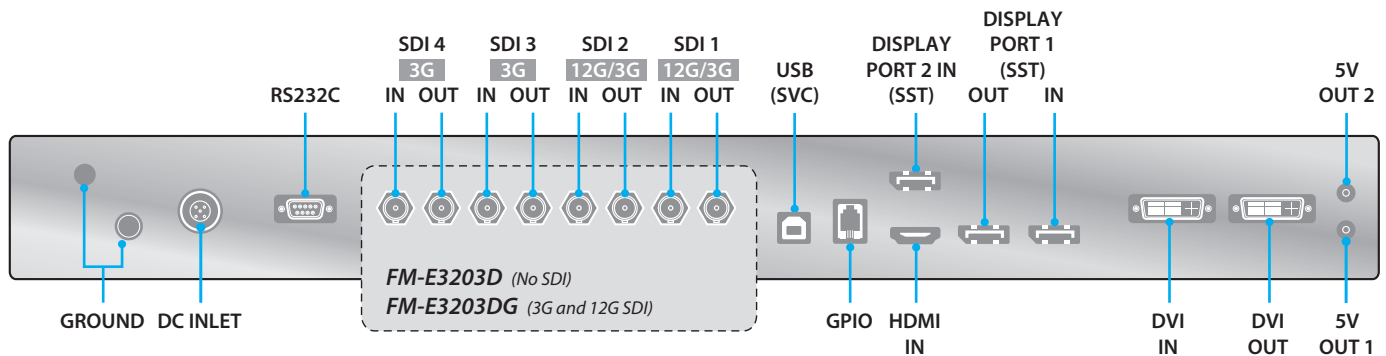


Edge-to-edge protective front glass gives this monitor a slim, sleek appearance, and allows for easy cleaning of the front surface. Protective guards on the bezel corners help reduce bumping injuries, especially in today's active operating room environments. A back cable cover is provided with each monitor to manage cords and wires.



Ergonomic Design

If an installation requires additional components to be used with the monitor, such as fiber optic or wireless receivers, there are built-in connections for DC 5 volt power. FSN monitors are designed with maximum viewing angles, allowing several clinicians to view the display in the same room without loss of image quality or distortion.



www.fsnmed.com

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2210 E. Winston Road
Anaheim, CA 92806 USA
Tel: 714-300-0540
Fax: 714-300-0546

Latin America
Aventura, FL 33180 USA
Tel: 714-507-3855

Foreseeson Korea
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Foreseeson (Shanghai)
Medical Equipment Co., Ltd.
Room 8E, No. 89 Building
1122 North Qinzhou Road
Xuhui, Shanghai 200233, China
Tel: 86-21-6113-4188

32" 4K Medical Display

FM-E3203D FM-E3203DG

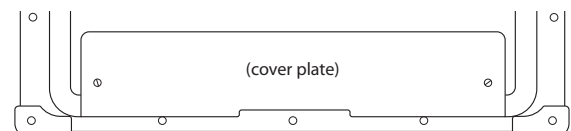
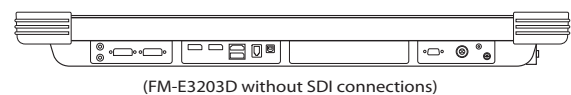
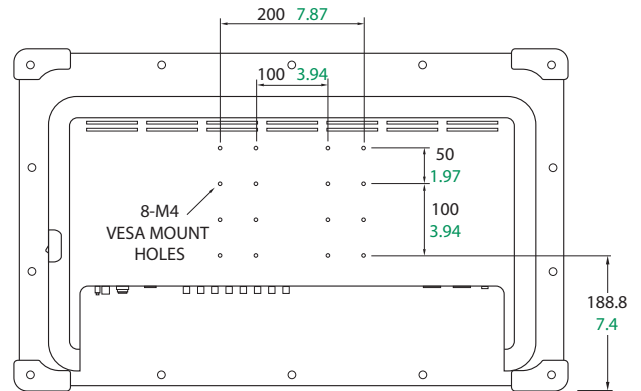


Specifications

General Features

Item	Description
Panel	32 inch TFT LCD (LED)
Resolution	3840 x 2160 pixels
Aspect Ratio	16 : 9
Active Area	708.48 (H)mm x 398.82 (V)mm
Pixel Pitch (mm)	0.1845 x 0.1845
Response Time (typical)	8 ms (rise time)
Number of Colors	1.07 Billion
Brightness (typical)	700 cd/m ²
Calculated Gamut	BT.709 and BT.2020 compatible
Contrast Ratio (typical)	1350 : 1
Surface Treatment	Anti-glare
Viewing Angle (CR>10)	R/L 178°, U/D 178°
Input Signal	1 x HDMI 2.0
	2 x DP 1.2 (SST)
	1 x DVI (single link)
	4 x SDI (3G), 2 x SDI (12G) available on FM-E3203DG

Item	Description
Output Signal	1 x DP 1.2 (SST)
	1 x DVI (single link)
	4 x SDI (3G), 2 x SDI (12G) available on FM-E3203DG
Power Supply	AC/DC Adaptor (AC 100~240V, DC 24V/6.6A)
Power Consumption	FM-E3203D 105W max FM-E3203DG 125W max
Accessories Included	User manual, AC-DC adaptor, AC power cord, DP cable, HDMI cable, DVI-D cable, BNC cable (SDI models), Screw BH M4 x 14
Latency	9 ms
Unit Dimension	773(W) x 478(H) x 75.2(D) mm 30.43(W) x 18.82(H) x 2.96(D) inch
Package Dimension	914.4(W) x 749.3(H) x 234.95(D) mm 36(W) x 29.5(H) x 9.25(D) inch
IP Rating	IP33 - overall, IP44 - front side only
IK Rating	IK07 with 5H AR glass
Weight	FM-E3203D 11.56 kg, 25.49 lbs. (monitor with cover) 16.83 kg, 37.10 lbs. (shipping package)
	FM-E3203DG 11.80 kg, 26.01 lbs. (monitor with cover) 17.5 kg, 38.58 lbs. (shipping package)
Certifications	ANSI/AAMI ES60601-1 (UL60601-1), CAN/CSA C22.2 No. 60601-1, FCC Class B, EN60601-1, EN60601-1-2, CE, MDR(EU) 2017/745 Class I Medical Device



FSN Medical Technologies products meet EU RoHS Directive 2011/65/EU+2015/863/EU and Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) obligations. FSN manages the information flow as required by regulations.

IMAGE1 S™ Camera System



TC201EN*

IMAGE1 S CONNECT® II, connect module, for use with up to 3 link modules, 4K technology, resolution 3840 x 2160 and 1920 x 1080 pixels, with integrated KARL STORZ SCB or KS HIVE and digital image processing module, power supply 100 – 240 VAC, 50/60 Hz, including:

Mains Cord, length 300 cm
DVI-D Connecting Cable, length 300 cm
DisplayPort Cable, length 300 cm
SDI Cable, length 300 cm
SCB Connecting Cable, length 100 cm
USB Flash Drive, 32 GB
USB Silicone Keyboard, with touchpad, US

* **Available in the following languages:** DE, ES, FR, IT, PT, RU
 Please specify the desired language when placing your order.

Technical Specifications

Video outputs	2x Display Port 1.2, 1x 12G/3G-SDI, 1x DVI-D
Format of signal outputs	max. 3840 x 2160p, 50/60 Hz
Link video inputs	3x
USB interface	4 x USB, (2x front, 2x rear)
Unit communication	1 x 6-pin Mini-DIN

Power supply	200–240 VAC
Power frequency	50/60 Hz
Protection class / degree	1 / CF-Defib
Dimensions (w x h x d)	305 x 54 x 320 mm
Weight	3.1 kg

For use with IMAGE1 S CONNECT® II Module TC201EN



TC304

IMAGE1 S 4U-LINK, link module, for use with IMAGE1 S™ 4U camera heads, power supply 100 – 240 VAC, 50/60 Hz, including:

Mains Cord, length 300 cm
Link Cable, length 20 cm, for use with IMAGE1 S CONNECT® TC200EN or IMAGE1 S CONNECT® II TC201EN

Technical Specifications

Interfaces	1x link output
Power consumption	86 VA
Power frequency	50/60 Hz
Power supply	200–240 VAC
Dimensions (B x H x T)	305 x 54 x 320 mm

Weight	1,86 kg
Cleaning	wipe disinfection
Degree of ingress protection	IPX0
Protection class / degree	1 / CF-Defib



Item no: TC304

IMAGE1 S 4U-LINK

Quantity:



Scope of delivery

TC011 Link Cable, 30 cm (1)

Product details

Module for Rigid Endoscopy, 4K Technology

- Link module for 4K and 4K/3D
- Compatible with IMAGE1 S™ 4U as well as the IMAGE1 S™ 4U Rubina® camera head and TIPCAM®1 Rubina®
- 4K resolution and modern image processing technology
- Fluorescence imaging NIR/ICG in combination with the Rubina® product family

Technical details	Documents & Films	Product group / field of application
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Number of link outputs	1
Power consumption	86 VA
Line frequency	50/60 Hz
Power supply	100 – 240 VAC
Width	305 mm
Height	54 mm
Depth	320 mm
Weight	1.86 kg
Wipe disinfection	Yes
IP protection class	IPX0
Electrical protection class	Protection class 1
Degree of safety	CF-Defib
Brand	IMAGE1 S™ 4U-LINK

Show less ^

IMAGE1 S™

Camera Head 4U One-Chip 4K UHD and Camera Head 4U RUBINA Two-Chip 4K UHD



IMAGE1 S™ 4U One-Chip 4K UHD camera head, for use with TC304, IMAGE1 S 4U-LINK, module for 4K endoscopy



TH120

IMAGE1 S™ 4U One-Chip 4K UHD Camera Head, S-technologies available, progressive scan, soakable, EtO sterilization, H₂O₂ (hydrogen peroxide), focal length f = 18 mm, 2 freely programmable camera head buttons, for use with IMAGE1 S™ 4U-LINK

Technical Specifications

Frame rate	50 / 60 Hz
Image sensor	One-chip
Resolution	3840 x 2160 pixels
Scanning mode	progressive scan
Lens	fixed focus
Focal length	f = 18 mm
Dimensions (w x h x l)	46 x 37 x 133 mm
Weight	210 g

Cable length	300 cm
Cable routing	angled
Camera head buttons	freely programmable
Grip mechanism	standard eyepiece adaptor
Reprocessing	soakable, EtO sterilization, H ₂ O ₂ (hydrogen peroxide)
S-Technologies	CLARA, CHROMA, SPECTRA*
Degree of protection	in conjunction with camera control unit IMAGE1S™: CF-Defib

* SPECTRA A / SPECTRA B: **Not for sale in the U.S.A.**

IMAGE1 S™ 4U RUBINA, OPAL1® NIR/ICG, Two-Chip 4K UHD Camera Head for use with TC201EN, IMAGE1 S CONNECT® II and TC304, IMAGE1 S 4U-LINK, module for 4K endoscopy



TH121

IMAGE1 S™ 4U RUBINA, OPAL1® NIR/ICG, Two-Chip 4K UHD Camera Head, S-technologies available, for NIR/ICG fluorescence imaging in combination with Power LED RUBINA, OPAL1® NIR/ICG, progressive scan, soakable, EtO sterilization, H₂O₂ (hydrogen peroxide), focal length f = 19 mm, 2 freely programmable camera head buttons, for use with IMAGE1 S CONNECT® II and IMAGE1 S 4U-LINK

Technical Specifications

Frame rate	50 / 60 Hz
Image sensor	Two-chip
Resolution	3840 x 2160 pixels
Scanning mode	progressive scan
Lens	fixed focus
Focal length	f = 19 mm
Dimensions (w x h x l)	150 x 55 x 41 mm
Weight	260 g

Cable length	300 cm
Cable routing	angled
Camera head buttons	freely programmable
Grip mechanism	standard eyepiece adaptor
Reprocessing	soakable, EtO sterilization, H ₂ O ₂ (hydrogen peroxide)
S-Technologies	CLARA, CHROMA, SPECTRA*
Degree of protection	in conjunction with camera control unit IMAGE1S™: CF-Defib

* SPECTRA A / SPECTRA B: **Not for sale in the U.S.A.**



Item no: TL300

Cold Light Fountain Power LED 300

Quantity:

- 1 +

On the offer list

Scope of delivery

400A power cord, length 300 cm (1)

Product details

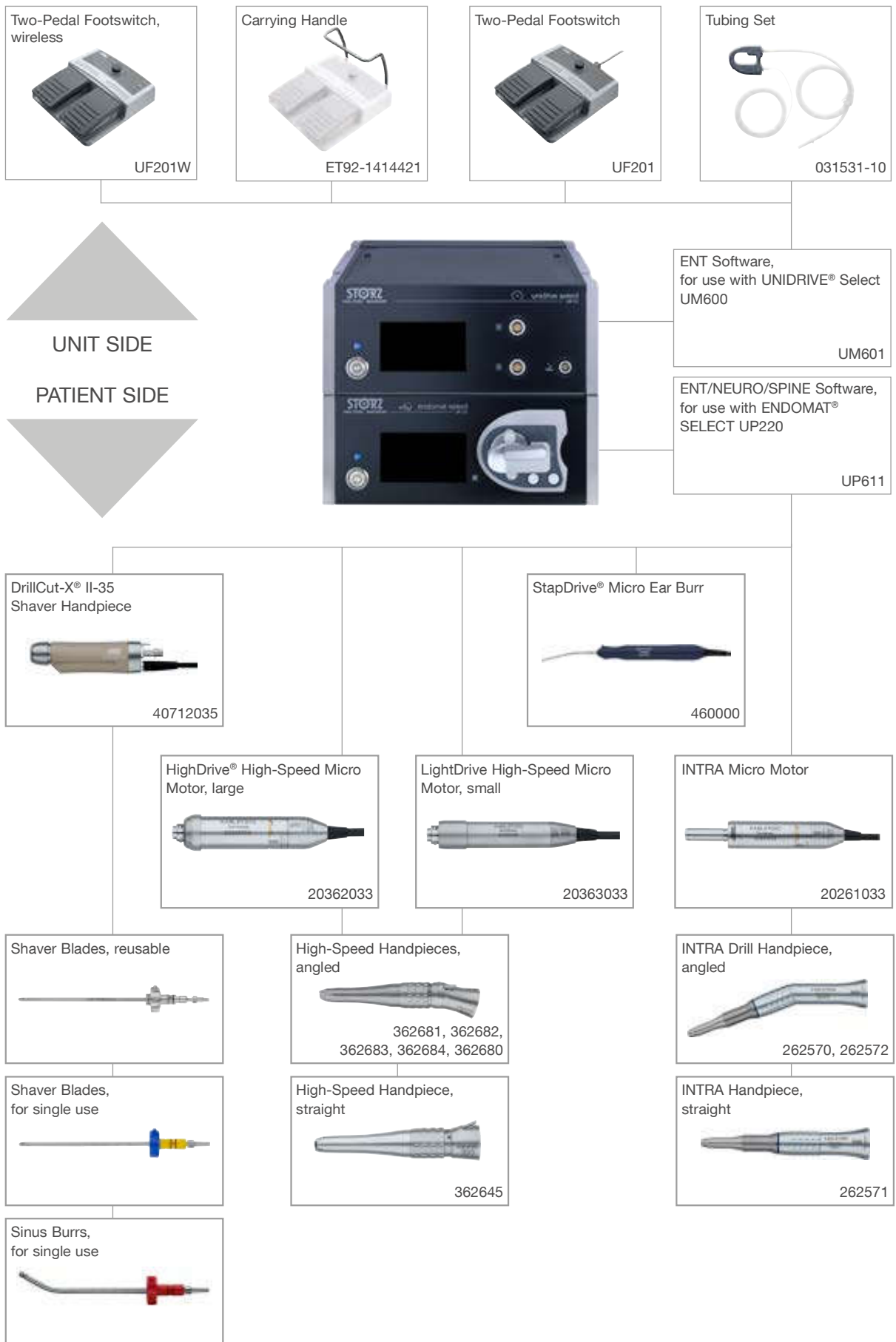
POWER LED 300 SCB – Powerful. Efficient. Durable.

- Laser-free LED light source for white light excitation
- Min. 30,000 hours of lamp service life
- Constant light intensity throughout the entire service life
- Low temperature development
- Very low volume
- Energy savings thanks to greater efficiency
- Environmentally friendly

Technical details	Documents & Films	Product group / field of application
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Fluorescence imaging (NIR/ICG)	No
Fluorescence imaging (Blue Light Imaging, BLI)	No
Control via touch screen	Yes
Illumination technology	LED
Average lamp service life	30000 h
Integrated pump for air insufflation	No
Color temperature approx.	6000 K
Unit communication SCB	2
Light intensity adjustment	Automatic via SCB, Manual via SCB, Manual via touch screen
Weight	8.6 kg
Width	305 mm
Height	155 mm
Depth	313 mm
Power supply	100 – 240 VAC
Electrical protection class	Protection class 1
KARL STORZ light outlet	Yes
Power consumption	175 VA
Line frequency	50/60 Hz
Degree of safety	CF
Degree of safety with KARL STORZ light cables	CF-Defib
Wipe disinfection	Yes
Electrical protection class	I

UNIDRIVE® Select System Components



UNIDRIVE® Select



UM600

UNIDRIVE® Select, motor system with color display, touch screen, two motor outputs, power supply 100-240 VAC, 50/60 Hz

UM601

ENT Software, license, allows the use of shaver handpieces, micro ear burrs, high-speed and INTRA motors, for use with UNIDRIVE® Select UM600



UP220

EENDOMAT® SELECT, suction or irrigation pump, incl. mains cord, power supply 100-240 VAC, 50/60 Hz, with integrated unit communication via KS HIVE®

UP611

ENT/NEURO/SPINE Software, license, allows irrigation for the UNIDRIVE® Select UM600 motor system, for use with EENDOMAT® SELECT UP220



UF201

Two-Pedal Footswitch, one-stage

UF201W

Two-Pedal Footswitch, one-stage, wireless, including:
Footswitch
Receiver
Power Supply

ET92-1414421

Spare Part Kit, carrying handle (2-pedal)



031531-10

Tubing Set, irrigation, UNIDRIVE®, sterile, for single use, package of 10, for use with KARL STORZ EENDOMAT® SELECT UP220

Mobile Stands



UG803	Subrack , COR mobile stand, low
UG811	Top Cover Monitor Holder , COR mobile stand
UG823	Special Equipment Shelf , COR mobile stand
UG854	Stainless Steel Tube , COR mobile stand, length 400 mm
UG815	Equipment Rail , COR mobile stand
UG902	Footswitch Holder , for Two-Pedal HF Footswitch UF902
8404HK	Double Hook for Crossbar , height adjustable, for use with crossbar diameter 25 mm
UG891	Multiple Socket Strip Set
Optional:	
UG896	Isolation Transformer , 230 V, 600 VA
UG864	Protective Housing Isolation Transformer
UG898	Earth Leakage Monitor , 230 V, for isolation transformer
2x UG892	Special Mains Cord , length 150 cm

High-Speed Micro Motors – HighDrive® & LightDrive



20362033

HighDrive® High-Speed Micro Motor, large, max. speed 80,000 rpm, for use with UNIDRIVE® Select UM600

consisting of:

20362133 **High-Speed Micro Motor**, without cable

20362233 **Cable for High-Speed Micro Motor**, large



20363033

LightDrive High-Speed Micro Motor, small, max. speed 80,000 rpm, for use with UNIDRIVE® Select UM600

consisting of:

20363133 **High-Speed Micro Motor**, without cable

20363233 **Cable for High-Speed Micro Motor**, small

[Home page](#) > Online Catalog - Online Catalog



Item no: UF201

Two-Pedal Footswitch, one-stage

Quantity:

[Add to My Quote List](#) 📄

Technical details

Documents & Films

Product group / field of application

One-stage / two-stage

One-stage

Cable length

500 cm

Function key

With button for switchover function

Footswitch type

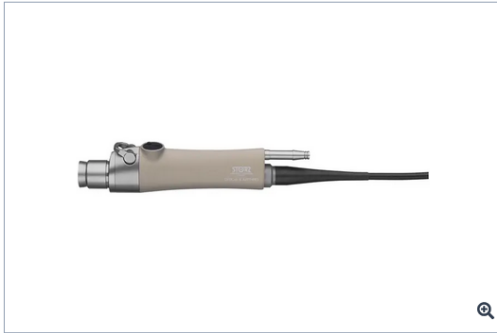
Two-pedal footswitch

IP protection class

IPX8

Electrical protection class

II



Item no: 28200DX

DRILLCUT-X ARTHRO Shaver Handpiece

Quantity:

Product details

Powerful into the future

The shaver handpiece for all joints

The valve assembly can be fully dismantled for optimal reprocessing without requiring tools. The KARL STORZ shaver blades can be locked in four different positions (0°, 90°, 180°, 270°). Various reusable as well as single-use blades are offered in a wide range of high-quality working materials.

- Ergonomic design allows various grip positions
- Handpiece weight of only 310 g allows fatigue-free work

Technical details

Documents & Films

Product group / field of application

Mechanical interface	KARL STORZ quick-release coupling
Minimum speed	1000 rpm
Maximum speed	8,000 rpm
Oscillation min.	500 rpm
Oscillation max.	3000 rpm
Weight	0.31 kg
Cable length	400 cm
Brand	DrillCut-X®

Shaver System

UNIDRIVE® SELECT VET

Multi-function motor system allows for quicker procedure time, reducing patient time under anesthesia.



UM600VET **UNIDRIVE® SELECT VET**, motor control unit with color display, touch screen control, two motor outputs, power supply 100-240 VAC, 50/60 Hz including:
Mains Cord, length 300 cm
OR1™ Patch Cable

UM605 **Arthro Software, License**

When ordering a UNIDRIVE® SELECT VET, the UM600VET basic device and the UP605 software license must both be specified, otherwise the device is not functional.

Handpiece



28200DX **DrillCut-X® Arthro Shaver Handpiece**, up to 8000 rpm, for use with UNIDRIVE® SELECT VET, as of software status 1.10.



28200DXA **Adaptor**, connection between UNIDRIVE® SELECT and DrillCut-X® Arthro


The shaver handpieces should NOT be treated with universal spray!

Reusable and single-use shaver blades are available in a variety of styles and sizes, see catalog *Veterinary Endoscopy: Large Animals*

CASSETTE TUBING SET for single use

The following tubing sets for the irrigation and suction of fluids are available for single use:




031523-10* **Tubing Set**, irrigation, PC¹, STERILE 
sterile, for single use, package of 10,
for use with HAMOU® ENDOMAT® 26331120 and
ENDOMAT® SELECT UP 210




031524-10* **Tubing Set**, irrigation, FC², STERILE 
sterile, for single use, package of 10,
for use with HAMOU® ENDOMAT® 26331120 and
ENDOMAT® SELECT UP210




030647-10* **Tubing Set**, suction, DS³, STERILE 
sterile, for single use, package of 10,
for use with ENDOMAT® SELECT UP210



031647-10* **Tubing Set**, suction, BS⁴, STERILE 
sterile, for single use, package of 10,
for use with ENDOMAT® SELECT UP210



031529-10* **Tubing Set**, irrigation, CV⁵, STERILE 
sterile, for single use, package of 10,
for use with ENDOMAT® SELECT UP210



Note:

Reusable tubing sets are also available. If interested, please contact your KARL STORZ representative.

AUTOCON® III 300

High Frequency Surgery Units



UH 300 **AUTOCON® III 300**, without CE certification, power supply 220 – 240 VAC, 50/60 Hz including:

Mains Cord

HF connecting sockets unipolar:

3-pin US type
5 mm connector KARL STORZ/Erbe VIO

HF connecting sockets bipolar:

2-pin US type (28.58 mm)
2x KARL STORZ/Erbe VIO

Connecting socket:

Neutral Electrode 2-pol

Can be integrated into OR1™ with KARL STORZ OR1™ SCB control WU 300. System requirements: SCB-R-UI Software Release 20090001-46 or higher.

UH 300E **Same**, with CE certification, power supply 220 – 240 VAC, 50/60 Hz

UH 300U **Same**, without CE certification, power supply 100 – 127 VAC, 50/60 Hz

UH 300UE **Same**, with CE certification, power supply 100 – 127 VAC, 50/60 Hz

Specifications:

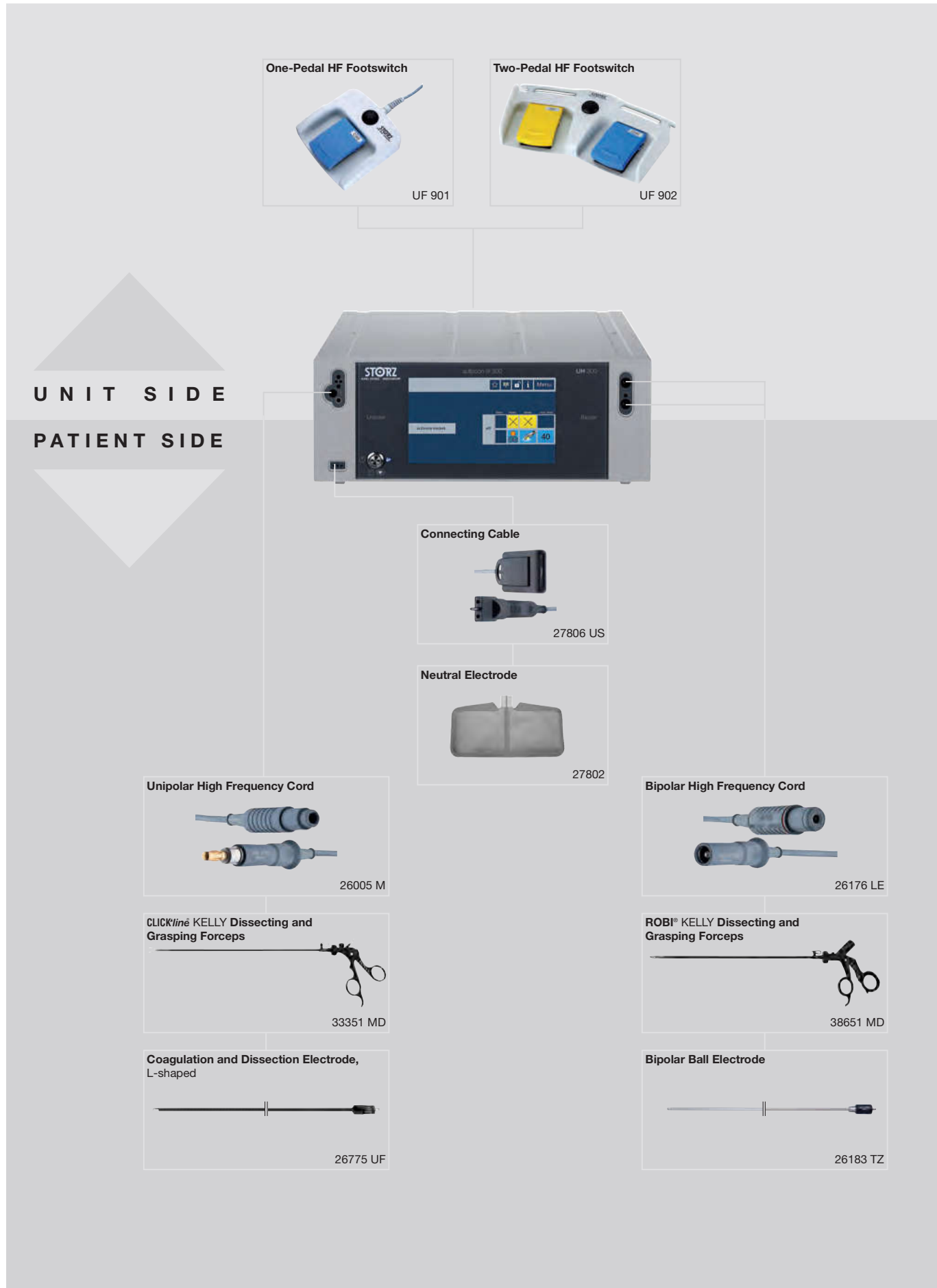
Max. power	unipolar: 400 Watt (at 100 Ohm) bipolar: 200 Watt (at 75 Ohm)	Output frequency	350 kHz/1 MHz
Power supply	220 – 240 VAC, 50/60 Hz (UH 300, UH 300E) 100 – 127 VAC, 50/60 Hz (UH 300U, UH 300UE)	Dimensions w x h x d	447 x 177 x 457 mm
Weight	1.8 kg	Certified to	IEC 60601-1
Sockets	Unipolar sockets: 1 Bipolar sockets: 1 (can be expanded to 2)		

Optional Accessories for AUTOCON® III 300 see page U 42

Components/Spare Parts see chapter 18

AUTOCON® III 300

High Frequency Surgery Units,
System Components



10-171

HIGH FREQUENCY SURGERY UNITS

Item no: **UF902**



One-stage / two-stage

One-stage

Cable length

400 cm

Function key

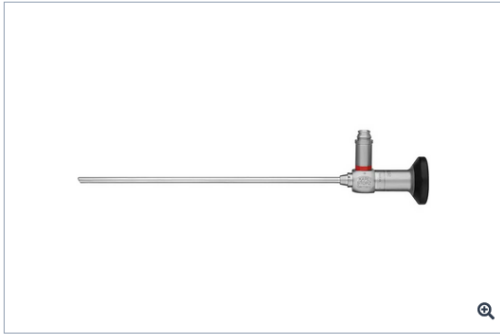
With button for switchover function

Footswitch type

Two-pedal footswitch

IP protection class

IPX8




Item no: 28731BWA

HOPKINS Telescope 30°, 4 mm, 18 cm

Quantity:

- 1 +

On the offer list 

Product details

Diamond Standard

The HOPKINS® telescope from KARL STORZ delivers excellent image quality with optimal brightness, contrast and detail features thanks to its unique rod lens system.

The arthroscope portfolio includes telescopes with various diameters ranging from 1 mm to 4 mm. A selection of sheaths with various locking mechanisms, which are coordinated with HOPKINS® telescopes, ensures the safe locking of the telescope in the sheath.

- HOPKINS® telescopes and sheaths for optimal vision
- Diverse product range covers all arthroscopic interventions

Technical details	Documents & Films	Product group / field of application
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Outer diameter	4 mm
Working length	18 cm
Direction of view	30° – Forward-oblique telescope
Angle of view	enlarged view, wide angle
Brand	HOPKINS®
Light transmission medium	Fiber optic light transmission
Position of fiber optic connection	6h
Color code	Red
Autoclavable	Yes

Fiber Optic Light Cables

for Cold Light Fountains



Fiber Optic Light Cable with Straight Connector

- 495 NE **Fiber Optic Light Cable**, diameter 4.8 mm, length 300 cm
- 495 NCS **Fiber Optic Light Cable**, extremely heat-resistant, diameter 4.8 mm, length 250 cm
- NEW** 495 NCSC **Fiber Optic Light Cable**, extremely heat-resistant, with safety locking device, diameter 4.8 mm, length 250 cm
- 495 NB **Fiber Optic Light Cable**, diameter 4.8 mm, length 180 cm
- 495 ND **Fiber Optic Light Cable**, diameter 3.5 mm, length 300 cm
- 495 NA **Fiber Optic Light Cable**, diameter 3.5 mm, length 230 cm
- NEW** 495 NAC **Fiber Optic Light Cable**, with safety locking device, diameter 3.5 mm, length 230 cm
- 495 NL **Fiber Optic Light Cable**, diameter 3.5 mm, length 180 cm
- 495 NTA **Fiber Optic Light Cable**, diameter 2.5 mm, length 230 cm
- 495 NT **Fiber Optic Light Cable**, diameter 2.5 mm, length 180 cm
- NEW** 495 TIP **Fiber Optic Light Cable**, highly heat resistant, diameter 4.8 mm, length 300 cm, optimized for 3D TIPCAM^{®1} and TIPCAM[®]



Fiber Optic Light Cable with 90° Deflection to the Light Source

- 495 NWL **Fiber Optic Light Cable**, with 90° deflection to the cold light fountain on the fountain side, diameter 3.5 mm, length 300 cm
- 495 NWM **Fiber Optic Light Cable**, with 90° deflection to the cold light fountain on the fountain side, diameter 3.5 mm, length 230 cm
- 495 NW **Fiber Optic Light Cable**, with 90° deflection to the cold light fountain on the fountain side, diameter 3.5 mm, length 180 cm
- 495 NTX **Fiber Optic Light Cable**, with 90° deflection to the cold light fountain on the fountain side, diameter 2.5 mm, length 230 cm
- 495 NTW **Fiber Optic Light Cable**, with 90° deflection to the cold light fountain on the fountain side, diameter 2.5 mm, length 180 cm



495 NVC



495 NV/NVL/NVB

Fiber Optic Light Cable with 90° Deflection to the Instrument

- NEW** 495 NVC **Fiber Optic Light Cable**, with 90° deflection to the instrument, very narrow radius of curvature, diameter 4.8 mm, length 300 cm
- 495 NVB **Fiber Optic Light Cable**, with 90° deflection to the instrument, diameter 4.8 mm, length 300 cm
- 495 NVL **Fiber Optic Light Cable**, with 90° deflection to the instrument, diameter 3.5 mm, length 300 cm
- 495 NV **Fiber Optic Light Cable**, with 90° deflection to the instrument, diameter 3.5 mm, length 230 cm



Light Adaptor, angled 90°

- 495 EW **Light Adaptor**, angled 90°, diameter 4.8 mm, free rotatable, to connect with standard telescopes

Adaptor for connecting KARL STORZ fiber optic light cables with endoscopes and light sources from other manufacturers, see page TP 132