

CATALOG KARL STORZ



UG 230

**Equipment Cart LC**, rides on 4 antistatic dual wheels equipped with locking brakes, energy beam with integrated electrical subdistributors with 6 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: 125 mm

including:

**Base Module**, equipment cart LC

**Cover**, equipment cart LC

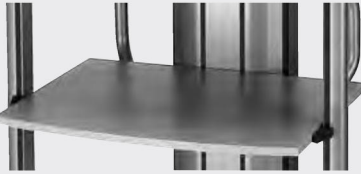

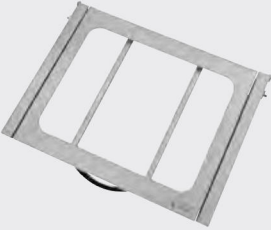


**Beam Package**, equipment cart LC

**Shelf**, wide

**Drawer Unit with Lock**, wide

**Camera Holder**

2x **Mains Cord**, length 100 cm

	<p>UG 603      <b>Shelf</b>, narrow, load capacity max. 60 kg, dimensions: 450 x 25 x 510 mm (w x h x d), for use with Equipment Carts UG xxx</p> <p><span style="border: 1px solid black; padding: 2px;">UG 604</span>      <b>Shelf</b>, wide, load capacity max. 60 kg, dimensions: 630 x 25 x 510 mm (w x h x d), for use with Equipment Carts UGxxx</p>
	<p>UG 601      <b>Drawer Unit with Lock</b>, small, max. shelf load 60 kg, max. drawer load 5 kg, with cable slot, dimensions: 450 x 126 x 510 mm (w x h x d), for use with Equipment Carts UG xxx</p> <p>UG 602      <b>Drawer Unit with Lock</b>, wide, max. shelf load 60 kg, max. drawer load 5 kg, with cable slot, dimensions: 630 x 126 x 510 mm (w x h x d), for use with Equipment Carts UG xxx</p>
	<p>UG 610      <b>Sliding Tray Holder</b>, narrow, load capacity max. 10 kg, dimensions: 450 x 510 mm (w x d), for use with Equipment Carts UG xxx</p> <p>UG 611      <b>Sliding Tray Holder</b>, wide, load capacity max. 10 kg, dimensions: 630 x 510 mm (w x d), for use with Equipment Carts UG xxx</p>
	<p>UG 608      <b>Equipment Rail</b>, long, for mounting to side of equipment cart, dimensions: 300 x 25 x 10 mm (w x h x d), for Equipment Carts UG xxx</p> <p>UG 607      <b>Equipment Rail</b>, short, for mounting to side of equipment cart, dimensions: 170 x 25 x 10 mm (w x h x d), for Equipment Carts UG xxx</p>
	<p>UG 619      <b>Cable Manager</b>, 2-piece, for mounting to vertical beam, package of 2, for use with Equipment Carts UG xxx</p>

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Item no: UG230

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## Equipment Cart LC

Quantity:



Scope of delivery

- UG022 Cover for Equipment Cart LC (1)
- UG012 Base module equipment cart LC (1)
- UG052 Beam Package, Equipment Cart LC, (1)
- UG622 Camera Holder (1)
- UG604 Shelf wide (1)
- UG700 Mains Cord, length 100 cm (2)
- UG602 Drawer Unit with Lock, wide (1)

Technical details	Product group / field of application
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Width	840 mm
Height	1449 mm
Depth	730 mm
Castor type	Dual wheels
Number of castors	4
Antistatic castors	Yes
Castors electroconductive	Yes
Castors lockable	4
<b>Castor diameter</b>	125 mm
Electrical subdistributors in central beam (sockets)	6
Potential equalization connectors	Yes
Delivery status	Assembled or as modules

# 32" 4K Medical Display

**FM-E3203D FM-E3203DG**

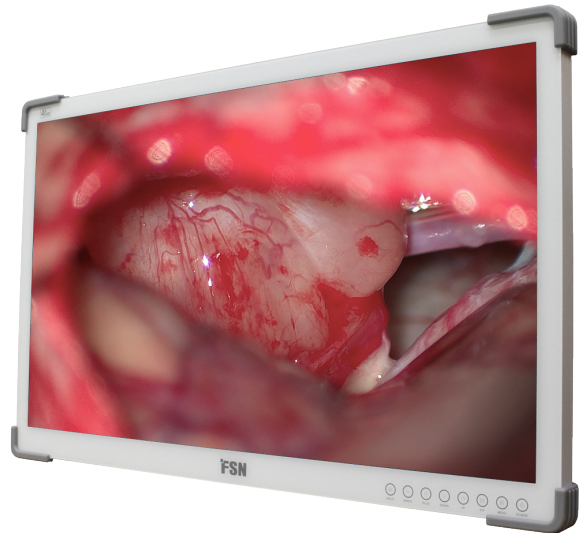


- *Vivid colors plus high brightness level.*
- *Protective corner guards add safety to active ORs.*
- *Fast detection of MIS camera system video.*

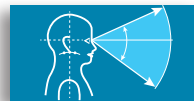


### See Every Detail

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.

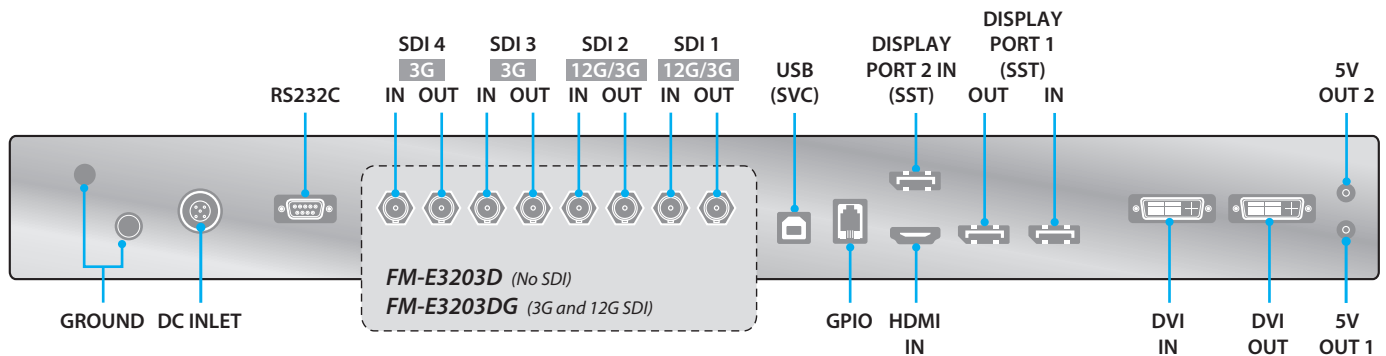


Edge-to-edge protective front glass gives this monitor a slim, sleek appearance, and allows for easy cleaning of the front surface. Protective guards on the bezel corners help reduce bumping injuries, especially in today's active operating room environments. A back cable cover is provided with each monitor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

Foreseeson Custom Displays, Inc.  
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  
B-408, U-Space2  
670 Daewangpangyo-ro,  
Bundang-gu, Seongnam-si  
Gyeonggi-do, Republic of Korea  
Tel: +82-31-8017-0780

Foreseeson GmbH  
Industriestrasse 38a  
63150 Heusenstamm, Germany  
Tel: +49 6104 64398 0  
Fax: +49 6104 64398 11

Foreseeson UK Ltd.  
1 Wolsey Road  
East Molesay  
Surrey  
KT8 9EL  
United Kingdom  
Tel: +44 (0) 208 546 1047

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**

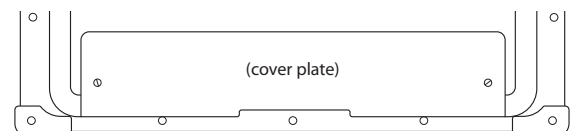
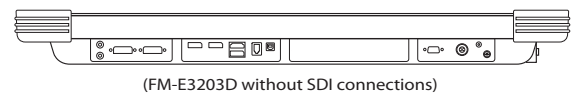
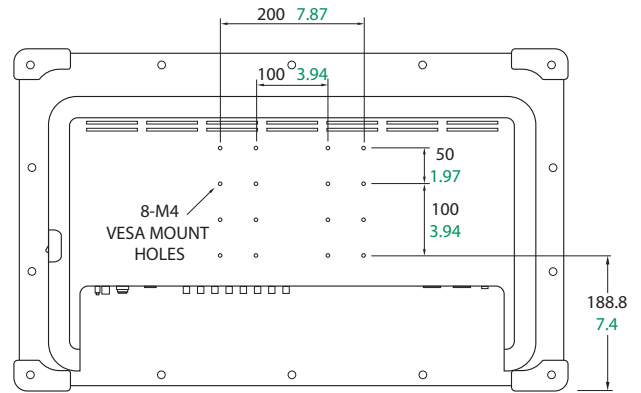
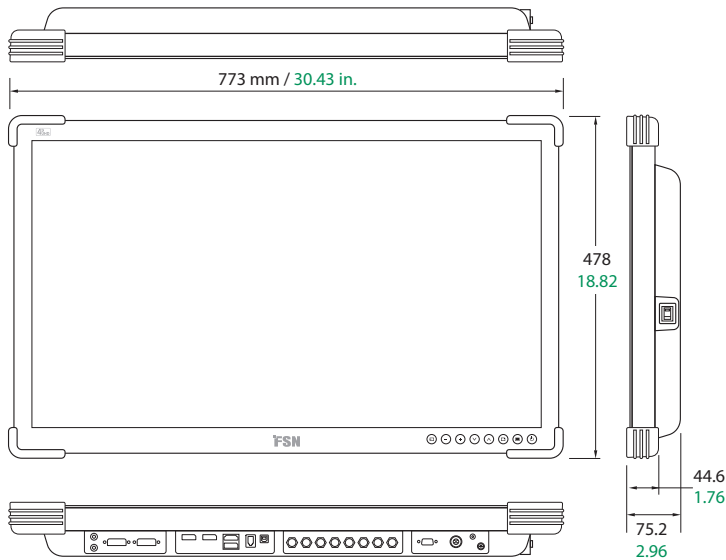


## Specifications

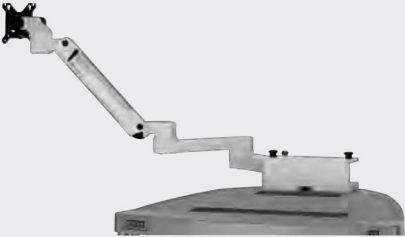


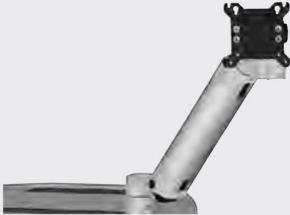
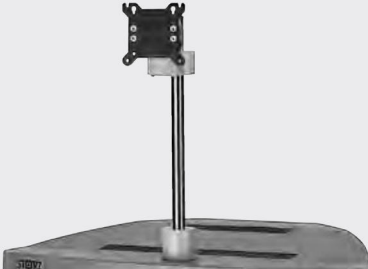

### General Features

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 <sup>2</sup>
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.

	<p>UG 540     <b>Monitor Swivel Arm</b>, 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     <b>Swivel Arm</b>, 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     <b>Monitor Holding Arm</b>, 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     <b>Monitor Holding Arm</b>, 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>
	<p>UG 500     <b>Monitor Holder</b>, 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>UG 501     <b>Monitor Holder Adaptor</b>, 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     <b>Counter Balance Plate</b>, 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     <b>Auxiliary Counter Balance Plate</b>, 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>

## 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

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Item no: TC304

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## 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 ^



TC201EN*	<b>IMAGE1 S CONNECT® II</b> , connect module, for use with up to 3 link modules, 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
TC304	<b>IMAGE1 S™ 4U-LINK</b> , link module, for use with IMAGE1 S™ 4U camera heads, power supply 100-240 VAC, 50/60 Hz, for use with IMAGE1 S CONNECT® TC200 or IMAGE1 S CONNECT® II TC 201
TH121	<b>IMAGE1 S™ 4U RUBINA</b> , 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, low-temperature sterilization, focal length f = 19 mm, 2 freely programmable camera head buttons, for use with IMAGE1 S CONNECT® II and IMAGE1 S™ 4U-LINK
TH120	<b>IMAGE1 S™ 4U One-Chip 4K UHD Camera Head</b> , S-Technologies available, progressive scan, soakable, EO sterilization, H <sub>2</sub> O <sub>2</sub> (hydrogen peroxide), focal length f = 18 mm, 2 freely programmable camera head buttons, for use with IMAGE1 S™ 4U-LINK
TM440	<b>58" 4K Monitor</b> , screen resolution 3840 x 2160, image format 16:9, power supply 100-240 VAC, 50/60 Hz, wall mount with VESA 400 x 400 and VESA 400 x 200 adaptors
TM 342**	<b>31" 4K Monitor</b> , screen resolution 3840 x 2160, image format 16:9, power supply 100-240 VAC, 50/60 Hz, wall mount with VESA 100 and VESA 200 adaptors
TM450	<b>55" 4K/3D Monitor</b> , screen resolution 3840 x 2160, image format 16:9, power supply 100-240 VAC, 50/60 Hz, 100-240 VAC, 50/60 Hz, wall mount with VESA 200 and VESA 300 adaptors
TM009	<b>Signal Converter Set</b> , 12G-SDI – 4x 3G-SDI, for use with 55" 4K/3D Monitor TM450
	Suitable equipment cart for TM440 and TM450:
WA10007	<b>OR1™ Cart for Monitor, Set</b> , height-adjustable, for 42-64" monitor, VESA pattern min. 100/100, max. 400/400, monitor weight max. 60 kg, monitor holder height-adjustable on 1.8 m high column, four castors, floor area (in mm): 980 x 830, total height: 1.95 m
TM350	<b>32" 4K 3D Monitor</b> , screen resolution 3840 x 2160, image format 16:9, power supply 100-240 VAC, 50/60 Hz, wall mount with VESA 100 adaptor
TL400	<b>Cold Light Fountain POWER LED RUBINA</b> , for NIR/ICG fluorescence imaging and standard endoscopic diagnosis, with two LEDs and one KARL STORZ light cable connection, with integrated unit communication via KS HIVE, power supply 100-125/220-240 VAC, 50/60 Hz
TL300	<b>Cold Light Fountain POWER LED 300 SCB</b> , with integrated KARL STORZ-SCB, high-performance LED module and one KARL STORZ light outlet, power supply 100-240 VAC, 50/60 Hz
495NAC	<b>Fiber Optic Light Cable</b> , with straight connector, extremely heat-resistant, with safety lock, enhanced light transmission, can be used for ICG applications, diameter 3.5 mm, length 230 cm
495NCSC	<b>Same</b> , diameter 4.8 mm, length 250 cm
495TIP	<b>Same</b> , diameter 4.8 mm, length 300 cm

\* Also available in the following languages: DE, ES, FR, IT, PT, RU

\*\* TM342 not available in USA, Japan & China

**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, H<sub>2</sub>O<sub>2</sub> (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 <sub>2</sub> O <sub>2</sub> (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, H<sub>2</sub>O<sub>2</sub> (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 <sub>2</sub> O <sub>2</sub> (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.**

# LED Cold Light Fountains

POWER LED 175 SCB, LED NOVA 150

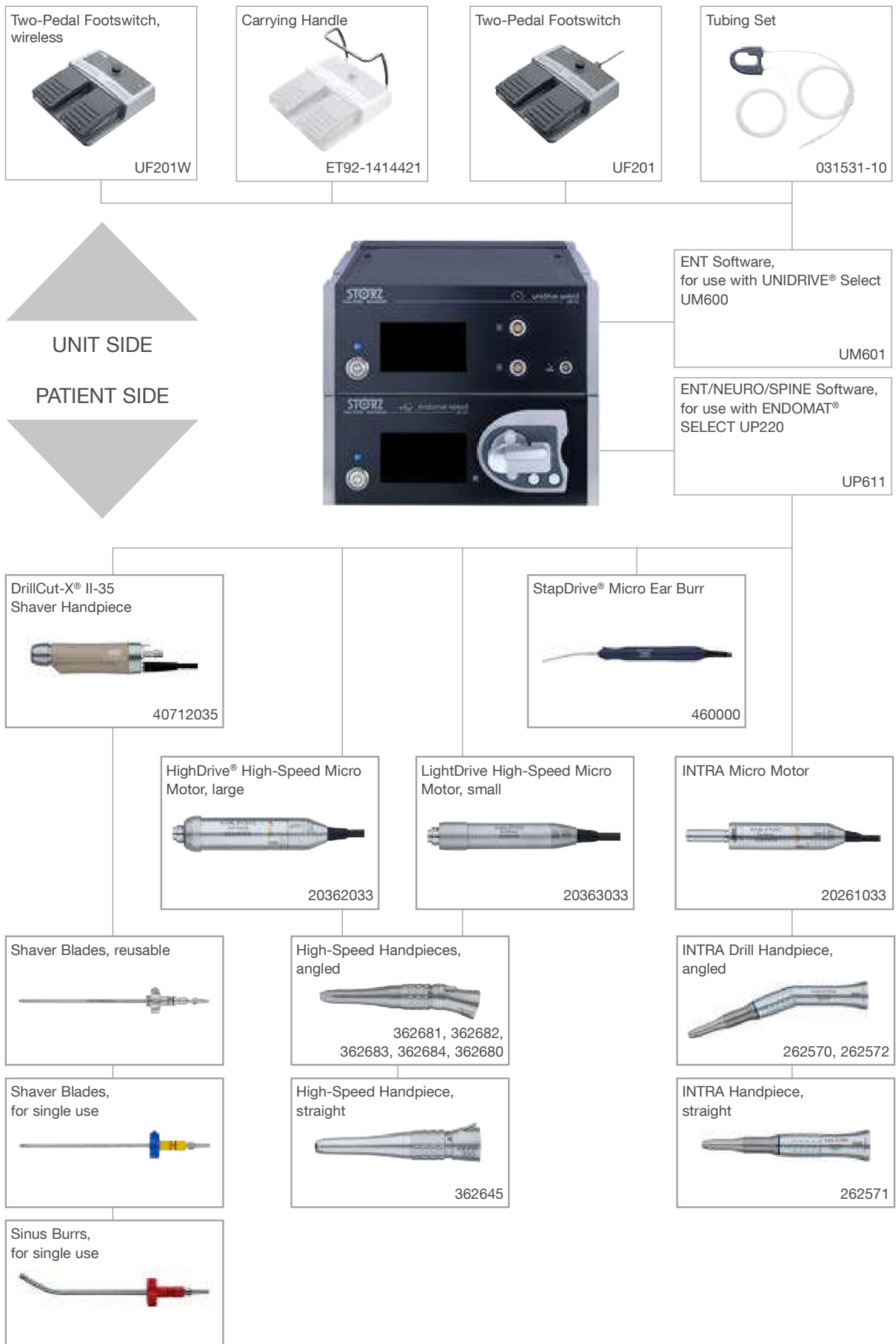


	<b>20 1614 01-1</b> <b>Cold Light Fountain POWER LED 175 SCB</b>	<b>20 1612 01</b> <b>Cold Light Fountain LED NOVA 150</b>
	with integrated KARL STORZ-SCB, high-performance LED module and one KARL STORZ light outlet	high-performance LED module, with one KARL STORZ light outlet
<b>including:</b>	<b>Mains Cord</b> <b>SCB Connecting Cable</b>	<b>Mains Cord</b>

### Specifications:

Illumination technology	LED	
Color temperature	approx. 6400 K	
Average lamp service life	30,000 h	
Light intensity adjustment	automatic via SCB manual via SCB manual via membrane keyboard	manual
Unit communication	KARL STORZ Communication Bus (2x SCB)	–
Power consumption	110 VA	60 VA
Power supply	110 – 240 VAC	100 – 240 VAC
Power frequency	50/60 Hz	
Dimensions w x h x d	305 x 110 x 233 mm	305 x 84 x 238 mm
Weight	4 kg	2.3 kg
Cleaning	wipe disinfection	
Protection class	1	
Degree of safety	CF	

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




Item no: 28200DX

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## 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

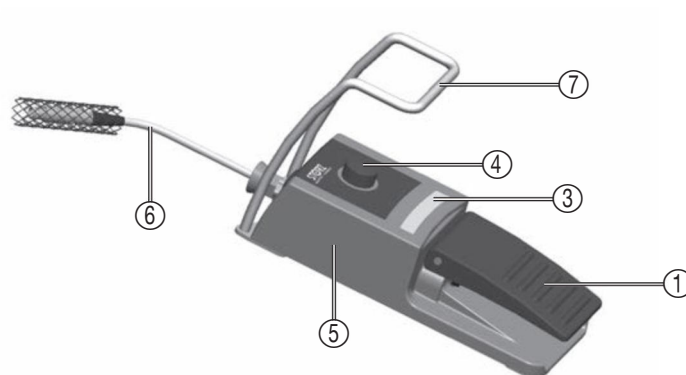
Technical details	Documents & Films	Product group / field of application
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Mechanical interface	KARL STORZ quick-release coupling
Minimum speed	1000 rpm
Maximum speed	8,000 rpm
Oscillation min.	500 rpm
Oscillation max.	3000 rpm
Weight	0.31 kg
Cable length	300 cm
Brand	DrillCut-X®

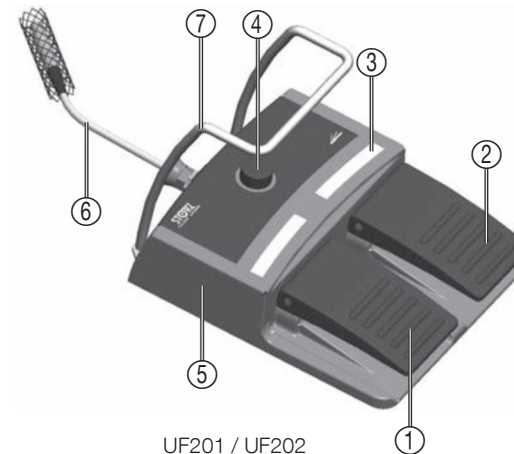
**1 Beschreibung**

**1 Description**

**1 Descripción**



UF101 / UF102



UF201 / UF202

①	Pedal S1
②	Pedal S2
③	LED-Fenster
④	Betätiger
⑤	Grundplatte
⑥	Anschlusskabel
⑦	Tragebügel (optional)

①	Pedal S1
②	Pedal S2
③	LED window
④	Actuator
⑤	Base plate
⑥	Connecting cable
⑦	Carrying handle (optional)

①	Pedal S1
②	Pedal S2
③	Ventana LED
④	Accionador
⑤	Placa de base
⑥	Cable de conexión
⑦	Asa de transporte (opcional)






Item no: UF102

---

## One-Pedal Footswitch, two-stage







Quantity:



[Technical details](#)
[Documents & Films](#)
[Product group / field of application](#)

One-stage / two-stage	Two-stage
Cable length	500 cm
Function key	With button for switchover function
Footswitch type	One-pedal footswitch
IP protection class	IPX8
Electrical protection class	II

## Accessories:

Illustration	Order No.	Product
	UP605	<b>ARTHROSCOPY Software</b> , license, allows selection of the procedures "KNEE", "HIP", "SHOULDER" and "SMALL JOINTS", for use with the ENDOMAT® SELECT UP210 and ENDOMAT® SELECT UP220
	031523-10	<b>Tubing Set</b> , irrigation, <span style="border: 1px solid black; padding: 2px;">STERILE</span>  , pressure-controlled, sterile, for single use, package of 10, for use with the HAMOU® ENDOMAT® 26331120, ENDOMAT® SELECT UP210 and ENDOMAT® SELECT UP220
	030647-10	<b>Tubing Set</b> , suction, DS, sterile, for single use, package of 10, for use with the ENDOMAT® SELECT UP210 and ENDOMAT® SELECT UP220
	UP006	<b>Control Cable</b> , 1x LEMO 5-pin 0° and 1x LEMO 12-pin 0° connector, length 100 cm, for transmission of footswitch control signal between the UNIDRIVE® S III ARTHRO SCB 28723020-1, ENDOMAT® SELECT UP210 and ENDOMAT® SELECT UP220
	20014130	<b>One-Pedal Footswitch</b> , digital, one-stage

Further accessories can be found in the Arthroscopy catalog.

# Optional Accessories

for Suction and Irrigation Systems

		for use with		
		ENDOMAT® n. HAMOU® SCB 26 3311 01-1	ENDOMAT® LC SCB 20 3303 01-1	DUOMAT® 20 3210 08
	26 3100 50 <b>Irrigation Liquid Bottle, 1 l, sterilizable</b>	-	-	●
	20 3000 50 <b>Suction Bottle, 5 l, sterilizable</b>	●	-	●
	20 3000 34 <b>Bottle Cap, for suction bottles 1.5 l and 5 l, sterilizable</b>	●	-	●
	20 3000 32 <b>Bottle Stand, for suction bottle 5 l</b>	●	-	●
	20 3000 33 <b>Bottle Stand Holder, for Bottle Stand 20 3000 32</b>	●	-	●
	20 0142 30 <b>One-Pedal Footswitch, digital, two-stage, for activating a higher flow for improved visibility</b>	-	●	-
	20 0141 30 <b>One-Pedal Footswitch, digital, one-stage, for irrigation</b>	-	●	-
	20 3004 82 <b>Connector Set, for ENDOMAT® LC, for use with Silicone Tubing Sets 20 3303 40, 20 3303 41 and 20 3303 43</b>	-	●	-
	20 3303 82 <b>Pump Tube, sterilizable, package of 25</b>	-	●	-

SUCTION AND IRRIGATION SYSTEMS

2-15

# 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:**

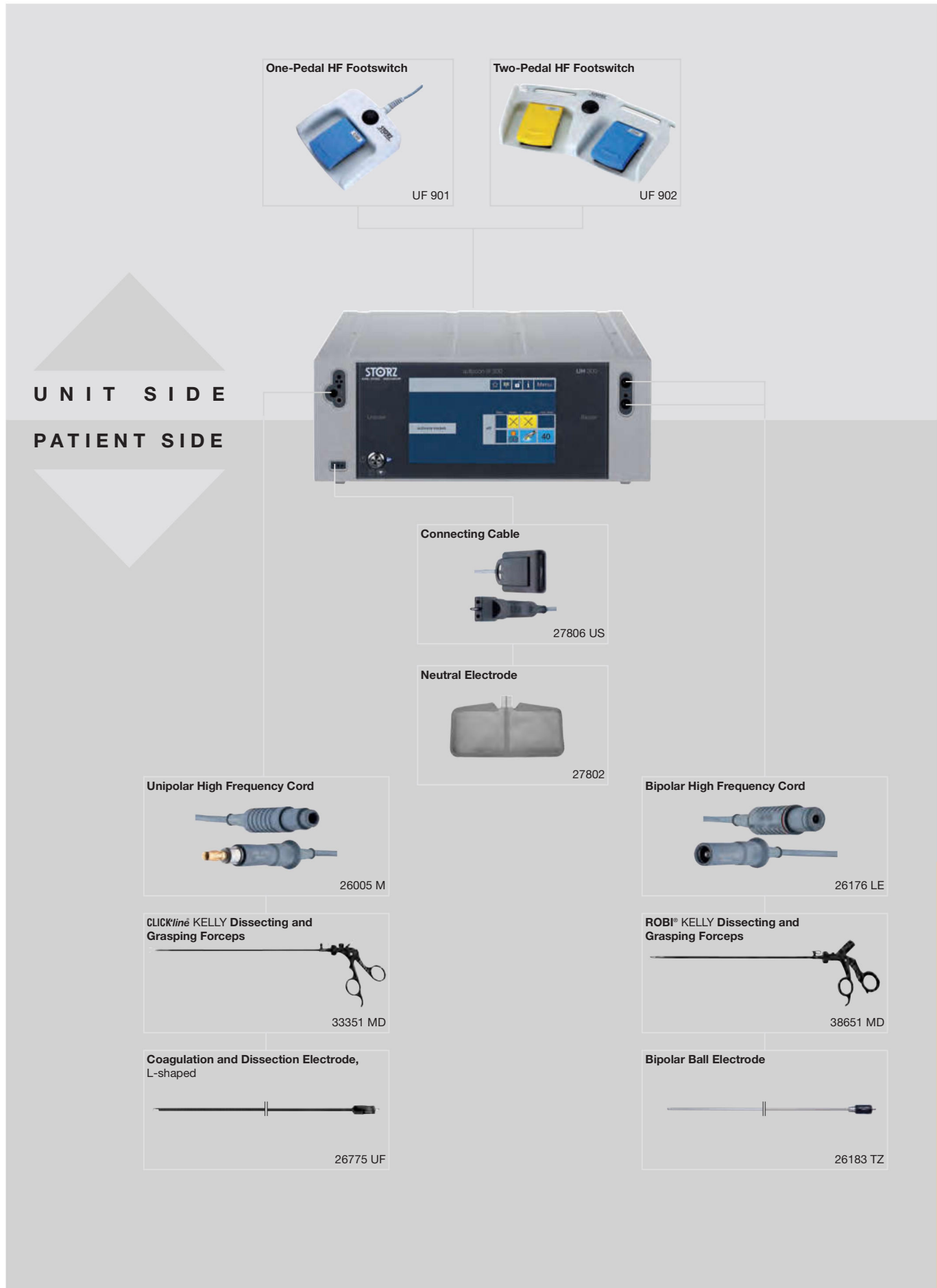
Max. power	unipolar: 400 Watt (at 100 Ohm) bipolar: 200 Watt (at 75 Ohm)	Output frequency	350 kHz/1 MHz
Power supply	220 – 240 VAC, 50/60 Hz (UH 300, UH 300E) 100 – 127 VAC, 50/60 Hz (UH 300U, UH 300UE)	Dimensions w x h x d	447 x 177 x 457 mm
Weight	1.8 kg	Certified to	IEC 60601-1
Sockets	Unipolar sockets: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

# Accessories

## Unipolar High Frequency Cords

### Unipolar High Frequency Cords



KARL STORZ High Frequency  
Instrument Surgical Units

	26002 M	<b>Unipolar High Frequency Cord</b> , with 4 mm plug for models KARL STORZ, Erbe type T, older models and Ellman, length 300 cm
	26004 M	<b>Unipolar High Frequency Cord</b> , with 4 mm plug for models Berchtold and Martin, length 300 cm
	26005 M	<b>Unipolar High Frequency Cord</b> , with 5 mm plug for AUTOCON® II 400 SCB system (111, 115, 122, 125), AUTOCON® II 200, AUTOCON® II 80, KARL STORZ AUTOCON® system (50, 200, 350) and Erbe type ICC, length 300 cm
	26006 M	<b>Unipolar High Frequency Cord</b> , with 8 mm plug for models KARL STORZ AUTOCON® II 400 SCB system (112, 116) and Valleylab, length 300 cm

**Please note:** All high frequency cords of this page are delivered with a length of 300 cm. If a length of 500 cm is requested please add letter **L** to the part number, e. g. 26002 **ML**, 26176 **LVL**.






# Skull Base and Endoscopic Pituitary Surgery

Accessories, High Frequency Cords,  
for use with TAKE-APART® bipolar forceps

## Bipolar High Frequency Cords













KARL STORZ High Frequency  
Instrument Surgical Units

	<p>26176 LE</p> <p><b>Bipolar High Frequency Cord</b>, for AUTOCON® II 400 SCB system (111, 113, 115, 122, 125), AUTOCON® II 200, AUTOCON® II 80, KARL STORZ Coagulator 26021 B/C/D, 860021 B/C/D, 27810 B/C/D, 28810 B/C/D, AUTOCON® system (50, 200, 350), Erbe-Coagulator, T and ICC series, length 300 cm</p>
	<p>26176 LM</p> <p><b>Bipolar High Frequency Cord</b>, for Martin and Berchtold coagulators, length 300 cm</p>
	<p>26176 L</p> <p><b>Bipolar High Frequency Cord</b>, with 2 x 4 mm banana plug for KARL STORZ Coagulator 26020 XA/XB and Ellman, length 300 cm</p>
	<p>26176 LA</p> <p><b>Bipolar High Frequency Cord</b>, with 2 x 4 mm banana plug for KARL STORZ Coagulator 26020 XA/XB and Valleylab, length 300 cm</p>
	<p>26176 LV</p> <p><b>Bipolar High Frequency Cord</b>, for KARL STORZ AUTOCON® II 400 SCB system (112, 114, 116, 122, 125) and Valleylab coagulators, length 300 cm</p>

8-08

High Frequency Surgical Units AUTOCON® see chapter 12

## Accessories for AUTOCON® III 400

	Art. No.	Description
	UF 901	<b>One-Pedal Footswitch</b> , with button for switchover function, for use with HF generators
	UF 902	<b>Two-Pedal Footswitch</b> , with button for switchover function, for use with HF generators
	UH 801	<b>Bipolar High Frequency Cord</b> , 400 cm with coding system, for use with KARL STORZ bipolar resectoscopes, and AUTOCON® III 400 units
	27805	<b>Neutral Electrode</b> , of conductive silicone with 2 rubber ties for fastening, contact surface A = 500 cm <sup>2</sup> , for use with Connecting Cable 27806 UR
	27806 UR	<b>Connecting Cable</b> , for connecting Neutral Electrodes 27805 and 860021 E, length 300 cm
	27802	<b>Neutral Electrode</b> , for single use, contact surface divided into two, A = 169 cm <sup>2</sup> , package of 50, Connecting Cable 27806 US required
	27806 US	<b>Connecting Cable</b> , for connecting single-use Neutral Electrode 27802, length 500 cm
	265200 43	<b>Electrode Handle</b> , with 2 buttons for activating the unipolar generator, yellow button: unipolar cutting, blue button: unipolar coagulation (High Frequency Cable 265200 45 required).
	265200 45	<b>High Frequency Cable</b> , for Electrode Handle 265200 43, length 500 cm
	265200 46	<b>Electrode Handle</b> , without buttons, with integrated connecting cable, length 300 cm; activation of the high frequency surgical unit via footswitch





Item no: 28205CK

---

### Full Radius Resector

Quantity:

-   1   +

On the offer list 🛒

### Product details

Cutting window for efficient and fast ablation as well as aspiration of tissue and bone

Technical details	Product group / field of application
-------------------	--------------------------------------

Diameter	4.5 mm
Working length	120 mm
Sterilizable	Yes
Sterile	No
Type of usage	Reusable
Color code	Yellow




Item no: 28205AK

---

## Aggressive Cutter

Quantity:



### Product details

Cutting window for efficient and fast ablation as well as aspiration of tissue and bone

Technical details	Product group / field of application
-------------------	--------------------------------------

Diameter	4.5 mm
Working length	120 mm
Sterilizable	Yes
Sterile	No
Type of usage	Reusable
Color code	Green
Shaver blade type	Aggressive



Item no: 28205DK

---


## Aggressive Full Radius Resector

Quantity:

-

1

+

On the offer list


### Product details

Cutting window for efficient and fast ablation as well as aspiration of tissue and bone

Technical details	Product group / field of application
-------------------	--------------------------------------

Diameter	4.5 mm
Working length	120 mm
Sterilizable	Yes
Sterile	No
Type of usage	Reusable
Color code	Blue
Shaver blade type	Aggressive



Item no: 28205NKS

---


## Aggressive Pro Line Shaver Blade

Quantity:

-

1

+

On the offer list


### Product details

Cutting window for efficient and fast ablation as well as aspiration of tissue and bone

Technical details	Product group / field of application
Diameter	4.5 mm
Working length	120 mm
Sterilizable	Yes
Sterile	No
Type of usage	Reusable
Color code	Gray
Shaver blade type	Aggressive




Item no: 28205MKS

---

## Pro Line Shaver Blade

Quantity:



### Product details

Cutting window for efficient and fast ablation as well as aspiration of tissue and bone

Technical details	Product group / field of application
-------------------	--------------------------------------

Diameter	4.5 mm
Working length	120 mm
Sterilizable	Yes
Sterile	No
Type of usage	Reusable
Color code	Pink




Item no: 28208BKS

---

## Aggressive Cutter, sterile

Quantity:

- 1 +

[On the offer list](#) 

### Product details

Cutting window for efficient and fast ablation as well as aspiration of tissue and bone

Technical details
Product group / field of application

Diameter	4.5 mm
Working length	180 mm
Sterilizabile	No
Sterile	Yes
Type of usage	For single use
Color code	Turquoise
Packaging unit	6 pc.
Shaver blade type	Aggressive


STERILE

# 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<sup>®1</sup> and TIPCAM<sup>®</sup>



## 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°

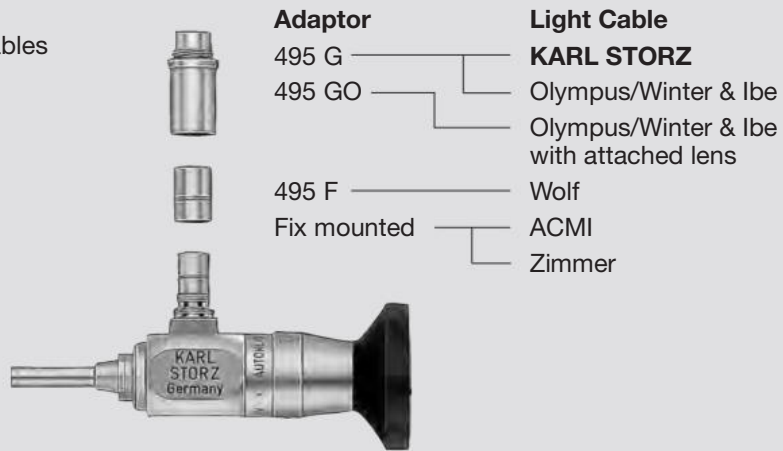
- 495 EW **Light Adaptor**, angled 90°, diameter 4.8 mm, free rotatable, to connect with standard telescopes

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

# Adaptors

for Light Sources and Light Cables

HOPKINS® Telescopes with universal connector for light cables

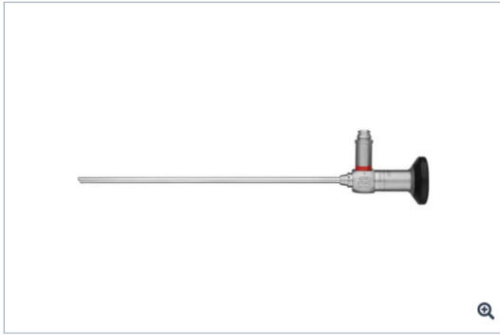


Manufacturer	I = Instrument CF = Cold Light Fountain LC = Light Cable	KARL STORZ				Special Applications
		Light Cable	Cold Light Fountain	Former Instrument	Current Instrument	
ACMI	I	495 W	-	-	-	ACMI connector to ACMI connector 495 Y
	CF	495 PA	-	-	-	
	LC	-	495 C	-	-	
Downs	CF	495 PA	-	-	-	Olympus Techno Fountain for KARL STORZ Cable 81495 OT, Olympus Light Cable for KARL STORZ Techno Fountain 81450/81495 OL
Dyonics	CF	495 Q	-	-	-	
Effner	CF	495 Q	-	-	-	
Fuji	CF	495 FU	-	-	-	
KLI	LC	-	495 C	-	-	
	CF	495 PA	-	-	-	
Machida	CF	495 SM	-	-	-	
Olympus	CF	495 SON	-	-	-	
	LC	-	495 D	-	-	
Pentax	CF	495 T	-	-	-	
	LC	-	495 D	-	-	
HSW	CF	495 Q	-	-	-	
	LC	-	495 E	495 N	495 N	
Stryker	I	495 ST	-	-	-	
	CF	495 PA	-	-	-	
Richard Wolf	I	495 X	-	-	-	
	CF	495 Q	-	-	-	
	LC	-	495 E	495 M	-	
Olympus/ Winter & Ibe	CF	495 S	-	-	-	<b>495 S:</b> The use of KARL STORZ fiberscopes with integrated fiber optic light cable and KARL STORZ light cables with non-graduated distal connection (diameter 7 mm) requires an additional adaptor <b>495 PWS</b> to adaptor <b>495 S</b>
	LC with attached lens	-	-	495 GO	495 GO	

LIGHT SOURCES

2-112






Item no: 28731BWA

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## HOPKINS Telescope 30°, 4 mm, 18 cm

Quantity:



### 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

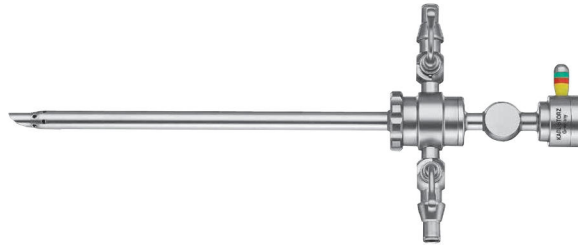
Technical details	Documents & Films	Product group / field of application
-------------------	-------------------	--------------------------------------

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

The following sheaths are available:

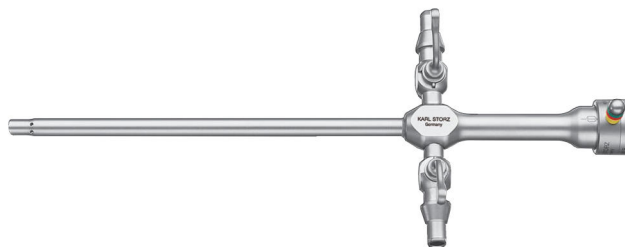
### Standard Coupling Mechanism

Diameter 6.5 mm, working length 12 cm,  
for use with HOPKINS® Telescopes, diameter 4 mm, length 18 cm

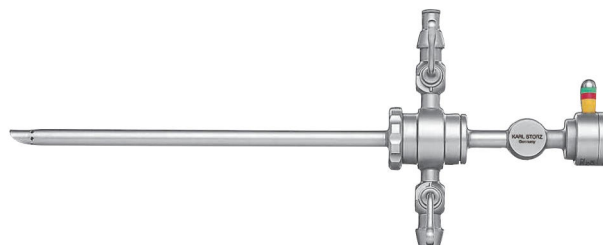


28229DR **High-Flow Arthroscope Sheath**, with standard coupling mechanism, diameter 6.5 mm, working length 12 cm, two stopcocks, **rotating**, for use with HOPKINS® telescopes 0°, 30°, 70° and Obturators 28126BC, 28126BT, 28126BS and 28134O, color code: green-red-yellow

Diameter 5.5 mm, working length 12 cm,  
for use with HOPKINS® Telescopes, diameter 4 mm, length 18 cm



28126BT **Arthroscope Sheath**, with standard coupling mechanism, diameter 5.5 mm, working length 12 cm, two stopcocks, **fixed**, for use with HOPKINS® telescopes 0°, 30°, 70° and Obturators 28126BC, 28126BT, 28126BS and 28134O, color code: green-red-yellow, in set with obturator



28126CR **Arthroscope Sheath**, with standard coupling mechanism, diameter 5.5 mm, working length 12 cm, two stopcocks, **rotating**, for use with HOPKINS® telescopes 0°, 30°, 70° and Obturators 28126BC, 28126BT, 28126BS and 28134O, color code: green-red-yellow

28126R **Same**, one stopcock

## Obturator and Changing Rods

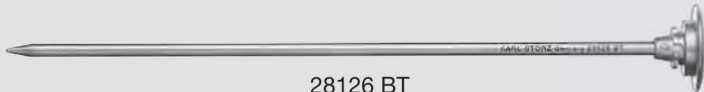
For use with Arthroscope Sheaths 28136 DS/S



28136 BT

- 28136 BT **Obturator**, semisharp  
28136 BC **Same**, blunt

For use with Arthroscope Sheaths 28229 DR, 28129 CR, 28126 CR/R/B, 28136 CR, 28135 CR and 28136 EC



28126 BT

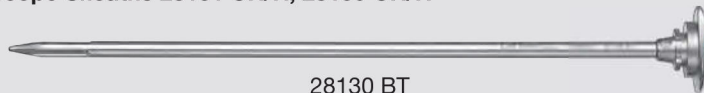
- 28126 BT **Obturator**, semisharp  
28126 BS **Same**, sharp  
28126 BC **Same**, blunt



28134 O

- 28134 O **Obturator**, cannulated,  
with handle, diameter 4.1 mm

For use with Arthroscope Sheaths 28131 CR/R, 28130 CR/R



28130 BT

- 28130 BT **Obturator**, semisharp  
28130 BC **Same**, blunt



28140 O

- 28140 O **Obturator**, cannulated, with  
handle, diameter 4.8 mm

For use with arthroscope sheaths that can be used with telescopes with diameter 4 mm



28124 BX

- 28124 BX **Changing Rod**, length 23 cm, for use with  
arthroscope sheaths with inner diameter 4 mm  
28270 W **Same**, length 35 cm

**Components/Spare Parts** see chapter 18

**a) Bisturiu electric monopolar, 2 butoane, 2,4 mm, 100 cicluri**



Autoclavable handle with 2 large "click" push-button, provided with a 3 meters long silicone cable and a blade electrode. It can be autoclaved up to 100 times (20 times electrode). For electrodes  $\varnothing$  2.4 mm, autoclavable electrosurgery pencils with CUT-COAG switch.

**b) Electrode tip ac, 150 mm, 2.4 mm**



Autoclavable electrodes  $\varnothing$  2.4 mm

Needle electrode

Length: 15 cm

AUTOCLAVABLE 20 TIMES

**c) electrode minge (ball), 150mm, 4mm**



Ball electrode  $\varnothing$  4 mm

Length: 15 cm

AUTOCLAVABLE 20 TIMES

d) electrod tip brush sau blade, 2,4 mm; 150mm



Autoclavable electrodes Ø 2.4 mm

Blade electrode

Length: 15 cm

AUTOCLAVABLE 20 TIMES



Electrod neutru elastic, din cauciuc plumbat, suprafața  $\geq 350 \text{ cm}^2$  , reutilizabil, cu cablu de conectare, compatibil cu modul de electrocoagulare

## UNIDRIVE® SELECT – Power Anywhere®

Ab jetzt auch für ARTHRO verfügbar



Ab sofort ist für den UNIDRIVE® SELECT ein neues Software-Update (2.0) verfügbar. Die neue Software erhalten Sie über den Technical Support oder serienmäßig bei der Auslieferung neuer Bestellungen. Zur korrekten Durchführung des Software-Updates beachten Sie bitte die entsprechende Update-Anleitung, welche vom Technical Support mit der Technical Notification versendet wird.

### Änderungen der neuen Software im Überblick:

#### 1. Integration der neuen Software-Lizenz:

**ARTHRO**  
UM605

#### 2. Anpassung von Bugfixes, Cybersicherheit und Verbesserungen der Software-Architektur

# PRODUKTINFO

## UNITS

Mit dem UNIDRIVE® SELECT stellt KARL STORZ ein multidisziplinäres Motorsystem vor, das modular aufgebaut ist und dank Software-Lizenzen nach Kundenwunsch konfiguriert werden kann. Diese Technologie eröffnet ein breites Spektrum an individualisierbaren Möglichkeiten und bietet zudem Synergieeffekte bei der fachübergreifenden Integration, ohne dabei die Wirtschaftlichkeit außer Acht zu lassen. Der UNIDRIVE® SELECT verbindet bewährte Funktionen mit innovativen Verbesserungen. In Kombination mit der Saug- oder Spülpumpe ENDOMAT® SELECT Facelift (UP220), die über den neuen Standard KS HIVE® kommuniziert, wird die neueste Generation der Pumpentechnik nahtlos integriert.

Nach dem Motto „Power Anywhere“ werden die UNIDRIVE® SELECT Motoren und Handstücke mit genau den Parametern angesteuert, die für die jeweilige Funktion und Indikation erforderlich sind.

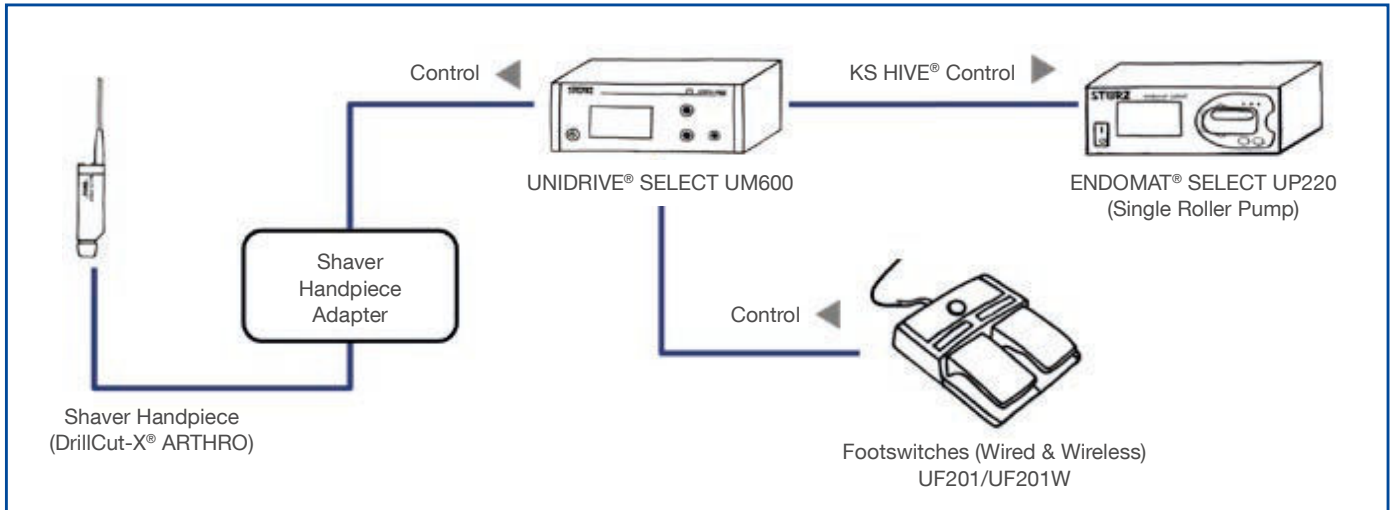
### Bestellinformationen – UNIDRIVE® SELECT und Software-Lizenzen

UM600	<b>UNIDRIVE® SELECT</b> , Motorsteuergerät mit Farbdisplay, Touchscreen-Bedienung, zwei Motorausgängen, mit integrierter Gerätekommunikation über KS HIVE®, inkl. Netzkabel 400A und Anschlusskabel für KS HIVE® 4800118, Betriebsspannung 100 – 240 VAC, 50/60 Hz
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**ARTHRO**  
UM605

VERTRAULICH – NUR ZUM INTERNEN GEBRAUCH

## ARTHRO (UM605)



### ARTHRO UM605

	<p>UM600 + UM605</p> <p><b>UNIDRIVE® SELECT</b> <b>Arthro-Software, Lizenz</b></p>
	<p>28200DXA</p> <p><b>Adapter</b>, Verbindung zwischen UNIDRIVE® SELECT UM600 und DrillCut-X® ARTHRO 28200DX</p>
	<p>UF201 UF201W</p> <p><b>Zweipedal-Fußschalter</b>, einstufig, kabelgebunden <b>Zweipedal-Fußschalter</b>, einstufig, kabellos</p>
	<p>UP220 + UP605 031523-10</p> <p><b>ENDOMAT® SELECT</b> <b>Arthro-Software, Lizenz</b> <b>Schlauchset, Spülung, PC</b></p>
	<p>28200DX</p> <p><b>DrillCut-X® ARTHRO Shaver-Handstück</b> <b>+ Shaverblades und Fräsen</b></p>



# PRODUKTINFO

## UNITS







### Kombination mit dem ENDOMAT® SELECT Facelift (UP220)



Bestimmte Anwendungen des Motorsystems erfordern den Einsatz einer Spül- oder Saugpumpe. Für diese Anwendungen wird der ENDOMAT® SELECT Facelift (UP220) in Kombination mit dem neuen modularen und multidisziplinären Motorsystem UNIDRIVE® SELECT eingesetzt.


Beide Geräte verfügen über den neuen Kommunikationsstandard KS HIVE® und werden durch ein Ethernet-Kabel an den Geräterückseiten verbunden. So können sie miteinander kommunizieren, und die Pumpe startet automatisch, wenn das Motorsystem über den Fußschalter aktiviert wird.

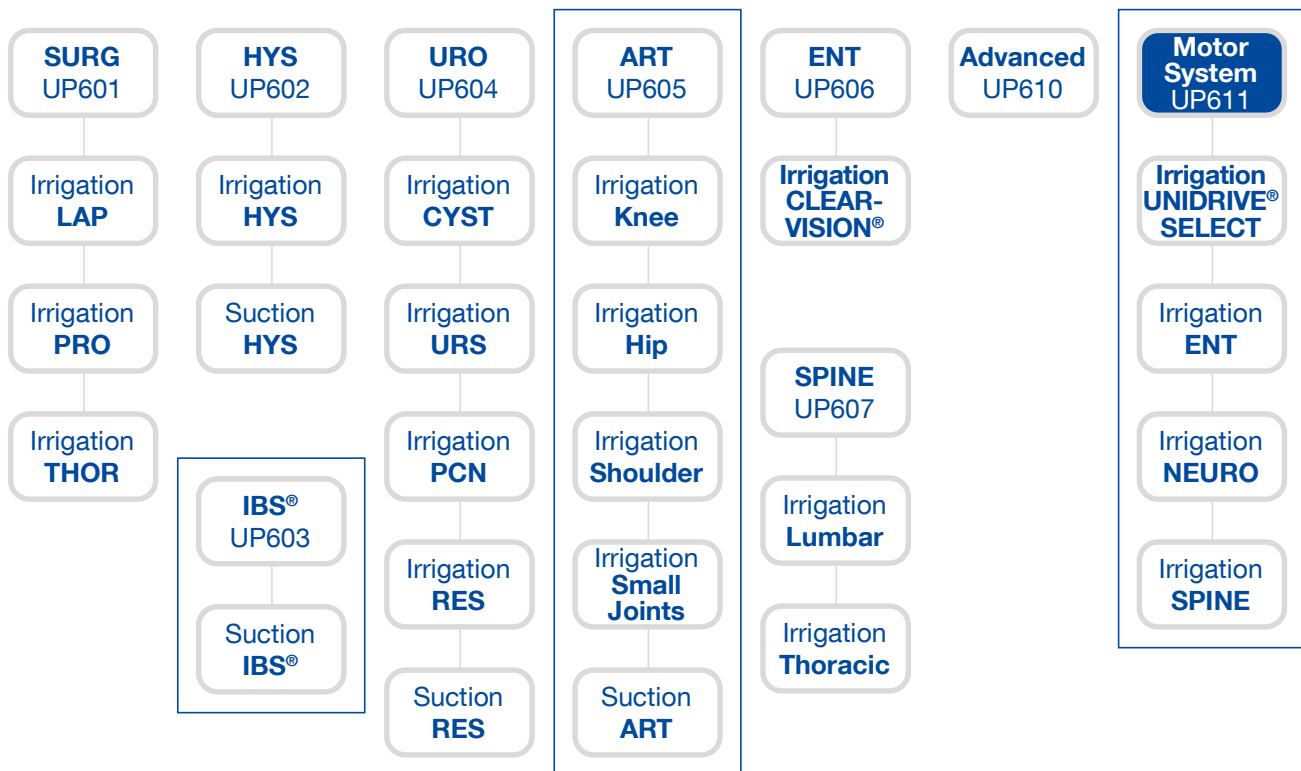
**Wichtig: Der ENDOMAT® SELECT (UP210) ist nicht mit dem UNIDRIVE® SELECT (UM600) kompatibel.**

Kompatibilität		Motorsystem	
		UNIDRIVE® S III ARTHRO	UNIDRIVE® SELECT
Saug-/Spülpumpe	 UP210		
	 UP220		

VERTRAULICH – NUR ZUM INTERNEN GEBRAUCH

## Bestellinformationen – ENDOMAT® SELECT Facelift

	<p>UP220      <b>ENDOMAT® SELECT Saug- oder Spülpumpe,</b> inkl. Netzkabel, Betriebsspannung 100 – 240 VAC, 50/60 Hz</p>
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in Kombination mit  
UNIDRIVE® SELECT



# PRODUKTINFO

## UNITS

### Mögliche Konfigurationsbeispiele mit COR Stativwagen



Weitere Informationen finden Sie in der EW TP 53 (9628006)

<https://karlstorzeur.sharepoint.com/sites/mpc/MediaFiles/3640268.pdf>