IMAGE1 S™ 3D *NEW*
Basic Module and Link Module

KARL STORZ — ENDOSKOPE

3D

Basic Module	TC 200EN*

3D Endoscopy VITOM® 3D	TC 302	*SCB*

	TC 200EN* **IMAGE1 S CONNECT®**	TC 302 **IMAGE1 S D3-LINK®**
including:	**Mains Cord,** length 300 cm **DVI-D Connecting Cable,** length 300 cm **SCB Connecting Cable,** length 100 cm **USB Flash Drive,** 32 GB **USB Silicone Keyboard,** with touchpad, EN	**Mains Cord,** length 300 cm **Link Cable,** length 20 cm
for use with:	● **TIPCAM®1 S 3D LAP,** 10 mm video laparoscope ● **TIPCAM®1 S 3D ORL,** 4 mm video endoscope ● **VITOM® 3D,** camera	

Specifications:

Interfaces

Video outputs	2x DVI-D, 1x 3G-SDI	–
Signal output format	1920 x 1080 pixels, 50/60 Hz	–
Link outputs	–	1x
Link inputs	3x	–
Remote outputs	optional with TC 009	–
USB interfaces	4x USB, (2x front, 2x rear)	–
Unit communication	KARL STORZ Communication Bus (SCB) 2x 6 pin mini-DIN, RJ45	–

Further Properties

Power consumption	62 VA	
Power frequency	50/60 Hz	
Power supply	100 – 120 VAC, 200 – 240 VAC	
Dimensions w x h x d	305 x 54 x 320 mm	
Weight	2.1 kg	1.86 kg
Cleaning	wipe disinfection	
Degree of ingress protection	IPX0	
Protection class	1	
Safety class	CF-Defib	

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

10-18

1

TC 301

400 A

TC 011

Image View – TC 011

Close

IMAGE1 S™ X-LINK,

link module, for use with flexible video endoscopes and one-chip camera heads (up to FULL HD), power supply 100 – 120 VAC/200 – 240 VAC, 50/60 Hz, for use with IMAGE1 S CONNECT®
including:

400 A	Mains Cord, length 300 cm
TC 011	Link Cable, length 20 cm

Image View – TC 301

Close

Image View – 400 A

Close

2

LED Cold Light Fountains

POWER LED 175 SCB, LED NOVA 150

KARL STORZ — ENDOSKOPE

LED

	20 1614 01-1 **Cold Light Fountain POWER LED 175 SCB**	**20** 1612 01 **Cold Light Fountain LED NOVA 150**
	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
including:	**Mains Cord** **SCB Connecting Cable**	**Mains Cord**

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	

10-18

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

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

495 NVC   495 NV/NVL/NVB

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

9-01₂

Accessories

	TC100EN*	**TELECAM C3** Camera control unit with 2 camera inputs (X-LINE and C-LINE), for use with flexible videoendoscopes and one-chip camera heads (up to FULL HD), with digital Image Processing Module and USB storage option, power supply 100-120 VAC/200-240 VAC, 50/60 Hz including: **Mains Cord,** length 300 cm **DVI-D Connecting Cable,** length 300 cm **USB Flash Drive,** 32 GB **USB Silicone Keyboard,** with touchpad, US
	TH110	**IMAGE1 S™ HX** One-chip FULL HD camera head, 50/60 Hz, fixed focus, progressive scan, soakable, gas- and plasma-sterilizable, focal length f = 16 mm, 2 freely programmable camera head buttons, for use with IMAGE1 S™ X-LINK TC301, TELE PACK+ TP101 and TELECAM C3 TC100
	TH111	**IMAGE1 S™ HX-P** One-chip FULL HD pendulum camera head, 50/60 Hz, with pendulum system and fixed focus, progressive scan, soakable, gas- and plasma-sterilizable, focal length f = 16 mm, 2 freely programmable camera head buttons, for use with IMAGE1 S™ X-LINK TC301, TELE PACK+ TP101 and TELECAM C3 TC100

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

Diameter 4 mm, length 30 cm

For use with standard cystoscopes, optical forceps, resectoscopes, urethrotomes for adults and instruments for LASER surgery
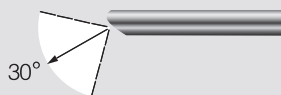
27005 BA

0°
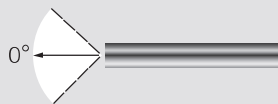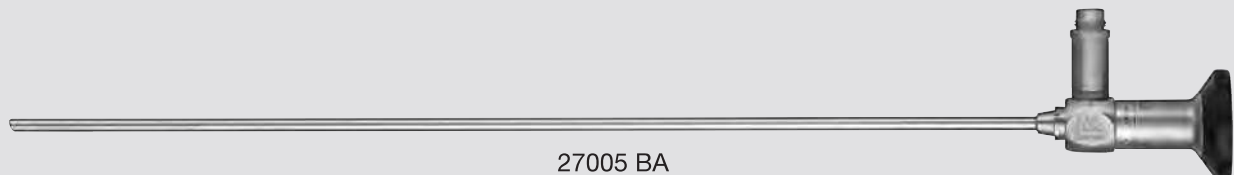
27005 AA — **HOPKINS® Straight Forward Telescope 0°,** enlarged view, diameter 4 mm, length 30 cm, **autoclavable,** fiber optic light transmission incorporated,
color code: green

12°
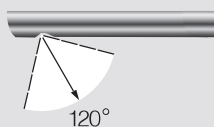
27005 FA — **HOPKINS® Telescope 12°,** enlarged view, diameter 4 mm, length 30 cm, **autoclavable,** fiber optic light transmission incorporated,
color code: black

30°

27005 BA — **HOPKINS® Forward-Oblique Telescope 30°,** enlarged view, diameter 4 mm, length 30 cm, **autoclavable,** fiber optic light transmission incorporated,
color code: red

70°

27005 CA — **HOPKINS® Lateral Telescope 70°,** enlarged view, diameter 4 mm, length 30 cm, **autoclavable,** fiber optic light transmission incorporated,
color code: yellow

120°

27005 EA — **HOPKINS® Retrospective Telescope 120°,** enlarged view, diameter 4 mm, length 30 cm, **autoclavable,** fiber optic light transmission incorporated,
color code: white

8-934

Standard Instruments for Enucleation

HOPKINS® Telescopes
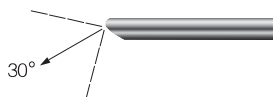
27005 BA **HOPKINS® Forward-Oblique Telescope 30°,** enlarged view, diameter 4 mm, length 30 cm, **autoclavable,** fiber optic light transmission incorporated, color code: red
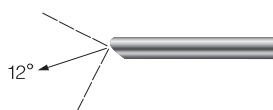
27005 FA **HOPKINS® Telescope 12°,** enlarged view, diameter 4 mm, length 30 cm, **autoclavable,** fiber optic light transmission incorporated, color code: black

Resectoscope Sheaths

27050 SCK **Resectoscope Sheath,** quick-release lock, including connecting tube for in- and outflow, 26 Fr., oblique beak, rotating inner sheath with ceramic insulation, color code: yellow

27050 SLK **Resectoscope Sheath,** including connecting tube for in- and outflow, 26 Fr., oblique beak, rotating inner sheath with ceramic insulation, color code: yellow

Obturator

27040 OC **Standard Obturator,** for 24/26 Fr. sheaths

27050 BK SCHMIEDT **Visual Obturator,** for 24/26 Fr. sheaths, 27040 BK/BO/SD/SL, 27240 BO, 27241 BK/BO, 27042 B, 27242 BZ, 27050 SL
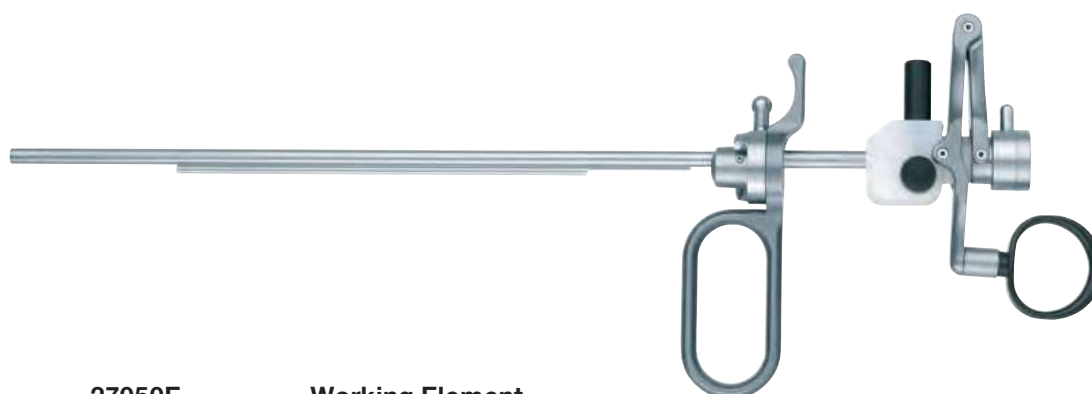
**For use with HOPKINS® Forward-Oblique Telescopes
27005BA, 27005BIA, 27005FA and 27005FIA**

unipolar

Cutting by means of a spring. Movable thumb ring
In rest position the electrode is inside the sheath
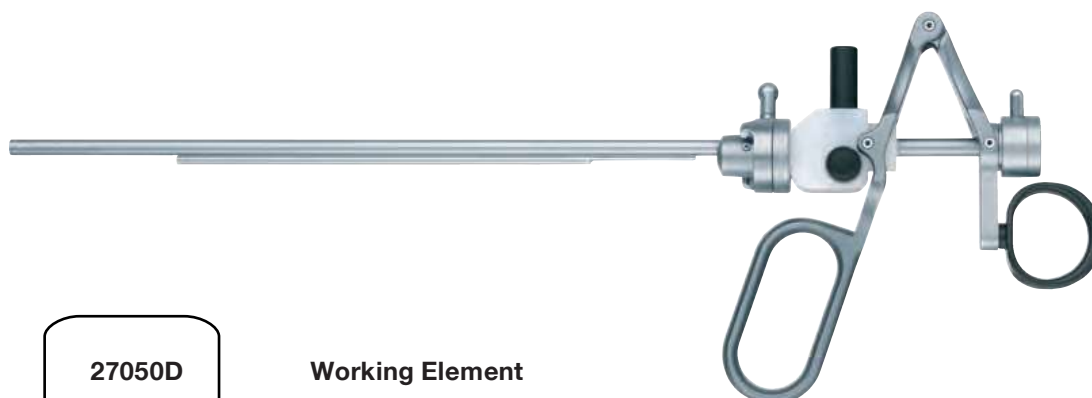
27050E	**Working Element** (also for use with optical urethrotomes)

Cutting by means of a finger grip. Movable thumb ring
In rest position the electrode is outside the sheath.

27050D	**Working Element**

**Unipolar High Frequency Cords, for use with Working Elements
27050 C/D/E/EP, 27054 E, 27053 E and 27033 E**

| KARL STORZ | High Frequency |
| Instrument | Surgical Units |

unipolar

	277	**Unipolar High Frequency Cord,** with 4 mm plug, length 300 cm, for use with models KARL STORZ and Erbe type T, older models
	277 A	**Unipolar High Frequency Cord,** with 4 mm plug, length 300 cm, for use with Martin HF units
	277 KE	**Unipolar High Frequency Cord,** with 5 mm plug, length 300 cm, for use with AUTOCON® II 400 SCB (111, 115, 122, 125), AUTOCON® II 200, AUTOCON® II 80, AUTOCON® (50, 200, 350) and Erbe type ICC
	277 KB	**Unipolar High Frequency Cord,** with 8 mm plug, length 300 cm, for use with models AUTOCON® II 400 SCB system (112, 116) and Valleylab

**Bipolare High Frequency Cords, for use with Working Elements
27040 DB/EB and 27054 EB**

| KARL STORZ | High Frequency |
| Instrument | Surgical Units |

bipolar
NaCl

	27176 LEB	**Bipolar High Frequency Cord,** for AUTOCON® II 400 SCB system (high-end), length 300 cm, for use with bipolar resectoscopes

Please note:
All high frequency cords are delivered with a length of 300 cm. If a length of 500 cm is requested please add the letter **L** to the part number, e. g. 277 KE**L**

High Frequency Surgical Units see chapter 15, UNITS

1-03₃

Vaporization Electrodes

One-Stem Electrodes with Stabilizers, for Working Elements 27050 C/D/E

For use with 24/26 Fr. resectoscope sheaths

unipolar

27050 DG

The cutting loops are delivered with a wire diameter of 0.35 mm.

Distal Tip	24/26 Fr. color code: yellow	Instrument Description
	27050 DG	**Cutting Loop,** diameter 0.8 mm
	27050 VG	**Spike Electrode,** diameter 5 mm
	27050 RG	**Roller Electrode,** diameter 5 mm
	27050 RK	**Roller Electrode,** diameter 3 mm
	27050 SG	**VaporCut® Electrode,** band width 1.2 mm
	27050 BG	**VaporCut® Electrode,** band width 0.6 mm
	27050 KG	**Roller Cutting Electrode,** single use recommended
	27050 WG	**VaporCut® Electrode**

280

280	**Protection Tube,** for sterilization and storage of electrodes, loops, curettes and knives

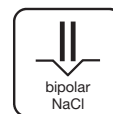**Note:** Electrodes, in sterile packaging, are also available for single use. Please contact:

mtp

High Frequency Cords see page 73
High Frequency Surgical Units see chapter 15, UNITS

4-964

**For use with HOPKINS® Forward-Oblique Telescopes
27005BA, 27005BIA, 27005FA, 27005FIA and AUTOCON® III 400 SCB**

bipolar
NaCl

Cutting by means of a finger grip. Movable thumb ring
In rest position the electrode is outside the sheath.

27040DB

27040DB	**Working Element**
39040RA	**Cleaning Adaptor,** for use with working element, bipolar

High Frequency Surgery Units

UH 400   **AUTOCON® III 400 High-End,** with KARL STORZ-SCB control NEO, power supply 220-240 VAC, 50/60 Hz, including mains cord

UH 400U   **AUTOCON® III 400 High-End,** with KARL STORZ-SCB control NEO, power supply 100-127 VAC, 50/60 Hz, including mains cord
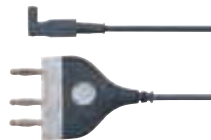
UH 801   **Bipolar High Frequency Cord,** length 400 cm, for KARL STORZ AUTOCON® III 400 SCB, for use with KARL STORZ bipolar resectoscopes

UF 902   **Two-Pedal Footswitch,** with button for switchover function, for use with HF generators

Electrodes, unipolar

**One-stem electrodes with stabilizers,
for Working Elements 27050C, 27050D and 27050E**

For use with 24 – 28 Fr. resectoscope sheaths

unipolar

27050G

The cutting loops are delivered with a wire diameter of 0.35 mm.

Working end	24 / 26 Fr. color code: yellow	27 / 28 Fr. color code: brown	Instrument description
	27050G	27050F	**Cutting Loop,** angled
	27050GS	–	THOMAS **Cutting Loop,** angled, small
	27050J	–	**Cutting Loop,** longitudinal
	27050L	27050K	**Coagulation Electrode,** pointed
	27050S	–	**Coagulation Electrode,** conical
	27050N	27050M	**Coagulation Electrode,** ball-shaped, diameter 3 mm
	27050NK	27050MK	**Coagulation Electrode,** ball-shaped, diameter 5 mm
	27050NX	–	**Coagulation Electrode,** barrel-shaped, diameter 3 mm
	27050GR	–	LOZZI **Needle Electrode**
	27050NW	27050MW	**Coagulation Electrode,** barrel-shaped, diameter 5 mm
	27050TL	–	**Cutting Loop,** curved to left
	27050TR	–	**Cutting Loop,** curved to right

07-22

Electrodes are delivered in packages of 6.

Note: Electrodes, in sterile packaging, are also available for single use.

Electrodes, unipolar

One-stem electrodes with stabilizers,
for Working Elements 27050C, 27050D and 27050E

For use with 24 – 26 Fr. resectoscope sheaths

unipolar

Working end	24 / 26 Fr. color code: yellow	Instrument description
	27050DG	**Cutting Loop,** diameter 0.8 mm
	27050VG	**Spike Electrode,** diameter 5 mm
	27050RG	**Roller Electrode,** diameter 5 mm
	27050RK	**Roller Electrode,** diameter 3 mm
	27050SG	**VAPORCUT® Electrode,** bandwidth 1.2 mm
	27050BG	**VAPORCUT® Electrode,** bandwidth 0.6 mm
	27050KG	**Roller Cutting Electrode**
	27050WG	**VAPORCUT® Electrode**

280 **Protection Tube,** for sterilization and storage of electrodes, loops, curettes and knives

Electrodes are delivered in packages of 6.

Note: Electrodes, in sterile packaging, are also available for single use.

07-22

For use with 24/26 Fr. Resectoscope Sheaths
The cutting loops are delivered with a wire diameter of 0.35 mm.
Loops with 30 as the last digit of the order number indicate a wire diameter of 0.30 mm.

bipolar
NaCl

27040 GP1

Distal Tip	24/26 Fr.	Instrument Description	for use in the	
			Bladder	Prostate
Cutting Loops, color code: yellow				
	27040 GP1	**Cutting Loop,** bipolar	●	●
	27040 GD1	**Cutting Loop,** bipolar, small	●	●
	27040 BL1	**Coagulation Electrode,** bipolar, pointed	●	●
Special Bladder Cutting Loops, color code: yellow/orange				
	27040 GP130	**Cutting Loop,** bipolar, diameter 0.30 mm	●	–
	27040 JB1	**Cutting Loop,** bipolar, longitudinal	●	–
	27040 JB130	**Cutting Loop,** bipolar, longitudinal, diameter 0.30 mm	●	–
Vaporization Electrode, color code: yellow				
	27040 NB	**Vaporization Electrode HALF MOON®,** bipolar, ball-shaped	●	●

280

| 280 | **Protection Tube,** for sterilization and storage of electrodes, loops, curettes and knives |

High Frequency Cords see page 73
High Frequency Surgical Units see chapter 15, UNITS

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AIDA®

Accessories

	WM 200	**SMARTSCREEN®**
	WM 100 WM 101	**21.5" Touch Screen** **24" Touch Screen**
	200144 30	**Two-Pedal Footswitch**
	549 MG 549 MT	**USB Color Printer for us** **Paper Roll and Ribbon f**

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
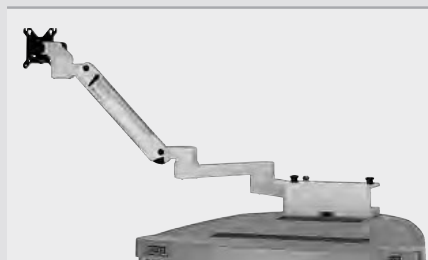**Cover,** equipment cart, narrow
Beam Package, equipment cart, high
3x **Shelf,** narrow
Drawer Unit with Lock, narrow
2x **Equipment Rail,** long
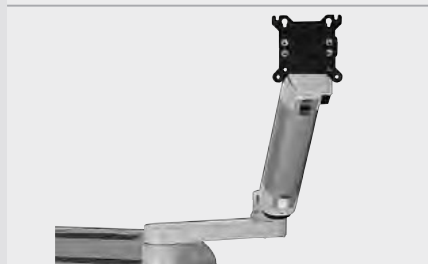**Camera Holder**

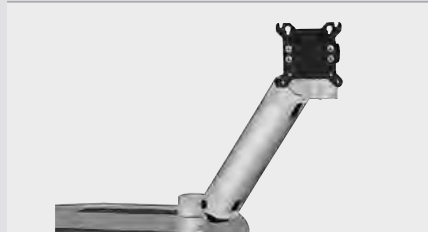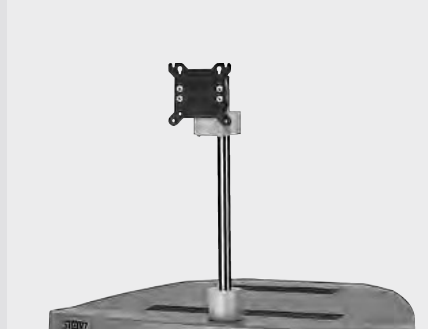|		
	UG 540	**Monitor Swivel Arm,** height and side adjustable, can be mounted on the left or on the right side, swivel range 180°, reach 780 mm, from center 1170 mm, loading capacity max. 15 kg, with monitor mount VESA 75/100, for use with Equipment Carts UG xxx
	UG 530	**Swivel Arm,** for navigation 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
	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
	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
	UG 500	**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
	UG 501	**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
	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
	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

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