

IMAGE1 S™ 3D ^{NEW}

Basic Module and Link Module



Basic Module TC 200EN*

3D Endoscopy VITOM® 3D TC 302



	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

IMAGE1 S Camera System

IMAGE1 S



TC 200EN

- TC200EN* **IMAGE1 S CONNECT**, connect module, for use with up to 3 link modules, resolution 1920 x 1080 pixels, with integrated KARL STORZ-SCB and digital Image Processing Module, power supply 100–120 VAC/200–240 VAC, 50/60 Hz 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, US
- * Available in the following languages: DE, ES, FR, IT, PT, RU

Specifications:

HD video outputs	- 2x DVI-D - 1x 3G-SDI
Format signal outputs	1920 x 1080p, 50/60 Hz
LINK video inputs	3x
USB interface	4x USB, (2x front, 2x rear)
SCB interface	2x 6-pin mini-DIN

Power supply	100–120 VAC/200–240 VAC
Power frequency	50/60 Hz
Protection class	I, CF-Defib
Dimensions w x h x d	305 x 54 x 320 mm
Weight	2.1 kg

For use with IMAGE1 S
IMAGE1 S CONNECT Module TC200EN


TC 300

- TC300 **IMAGE1 S H3-LINK**, link module, for use with IMAGE1 FULL HD three-chip camera heads, power supply 100–120 VAC/200–240 VAC, 50/60 Hz, **for use with IMAGE1 S CONNECT TC200EN** including:
- Mains Cord**, length 300 cm
 - Link Cable**, length 20 cm

Specifications:

Camera System	TC300 (H3-Link)
Supported camera heads/video endoscopes	TH100, TH101, TH102, TH103, TH104, TH106 (fully compatible with IMAGE1 S) 22 2200 55-3, 22 2200 56-3, 22 2200 53-3, 22 2200 60-3, 22 2200 61-3, 22 2200 54-3, 22 2200 85-3 (compatible without IMAGE1 S technologies CLARA, CHROMA, SPECTRA*)
LINK video outputs	1x
Power supply	100–120 VAC/200–240 VAC
Power frequency	50/60 Hz
Protection class	I, CF-Defib
Dimensions (w x h x d)	305 x 54 x 320 mm
Weight	1.86 kg

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

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

LED Cold Light Fountains

POWER LED 175 SCB, LED NOVA 150



	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

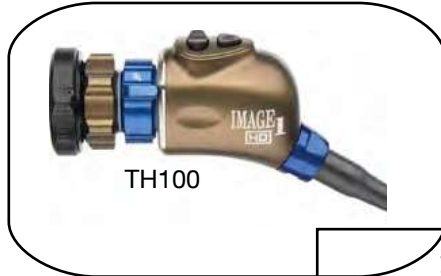
Specifications:			
Illumination technology	LED		
Color temperature	approx. 6400 K		
Average lamp service life	30,000 h		
Light intensity adjustment	automatic via SCB manual via SCB manual via membrane keyboard		manual
Unit communication	KARL STORZ Communication Bus (2x SCB)		—
Power consumption	110 VA		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		

IMAGE1 S Camera Heads

IMAGE1 S

For use with IMAGE1 S Camera System

IMAGE1 S CONNECT Module TC200EN, IMAGE1 S H3-LINK Module TC300
and with all IMAGE1 HUB™ HD Camera Control Units



TH100

IMAGE1 S H3-Z Three-Chip FULL HD Camera Head,
50/60 Hz, IMAGE1 S compatible, progressive scan,
soakable, gas- and plasma-sterilizable, with integrated
Parfocal Zoom Lens, focal length $f = 15-31$ mm (2x),
freely programmable camera head buttons,
or use with IMAGE1 S and IMAGE1 HUB™ HD/HD

Specifications:

IMAGE1 FULL HD Camera Heads	IMAGE1 S H3-Z
Product no.	TH100
Image sensor	3x $\frac{1}{3}$ " CCD chip
Dimensions w x h x d	39 x 49 x 114 mm
Weight	270 g
Optical interface	integrated Parfocal Zoom Lens, $f = 15-31$ mm (2x)
Min. sensitivity	F 1.4/1.17 Lux
Grip mechanism	standard eyepiece adaptor
Cable	non-detachable
Cable length	300 cm



TH104

TH104

IMAGE1 S H3-ZA Three-Chip FULL HD Camera Head,
50/60 Hz, IMAGE1 S compatible, **autoclavable**,
progressive scan, soakable, gas- and plasma-sterilizable,
with integrated Parfocal Zoom Lens, focal length
 $f = 15-31$ mm (2x), 2 freely programmable camera head
buttons, for use with IMAGE1 S and IMAGE1 HUB™ HD/HD

Specifications:

IMAGE1 FULL HD Camera Heads	IMAGE1 S H3-ZA
Product no.	TH104
Image sensor	3x $\frac{1}{3}$ " CCD chip
Dimensions w x h x d	39 x 49 x 100 mm
Weight	299 g
Optical interface	integrated Parfocal Zoom Lens, $f = 15-31$ mm (2x)
Min. sensitivity	F 1.4/1.17 Lux
Grip mechanism	standard eyepiece adaptor
Cable	non-detachable
Cable length	300 cm

The
Telecam
SL-C is a
small CCD
camera
with big
time
capabilities.
The telecam
features:



- High horizontal resolution of more than 450 lines.
- Patented manual or automatic gain control
- Digital Image processing utilizing an integrated image processing module. Multiple settings allow the user to select the preferred and optimum level of image enhancement
 - Digital contrast enhancement to better discern defects
 - Digital Anti-moire'/anti grid filter for use with fiberscopes that removes pixelation on the displayed image
- Auto white balance with memory function for user settings
- Character generator
- Composite, S-video and RGB compatible
- Universal power supply
- 2 programmable function keys on the camera head to control camera functions and video signal to peripheral units
- C-mount adapter for use with all inventories of equipment

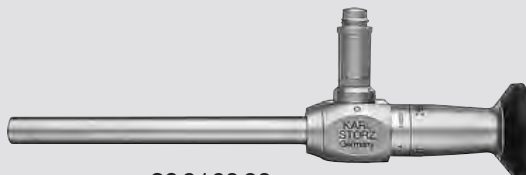
Endovision DCI

The Endovision DCI (**D**irect **C**oupled **I**nterface). The DCI coupling mechanism allows the camera head to be connected to the DCI endoscope with a simple secure "snap-in" mechanism. The Endovision DCI features:

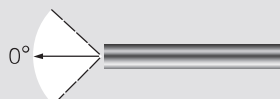


- Ergonomic handling
- Optimally weight-counterbalanced camera head and scope
- Snap-in coupling mechanism
- Electronic focus adjustment permits continuous focusing with single-handed operation
- 2 programmable function keys on the camera head to control camera functions and video peripheral units
- Auto white balance with memory function for 2 settings
- Character generator for image annotation
- Patented manual or automatic gain control (1/60 s — 1/10000 s)
- Optionally available with or without integrated digital image processing module for digital contrast enhancement

Exoscope and Illumination
Diameter 10 mm, length 11 cm



20 9160 20



20 9160 20

VITOM® 25 HOPKINS® II Straight Forward Telescope 0°, working distance 25 – 60 cm, diameter 10 mm, length 11 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green

Fiber Optic Light Cables 495 NE, 495 NVB or 495 NVC recommended



495 NE



495 NVB



495 NVC

495 NE

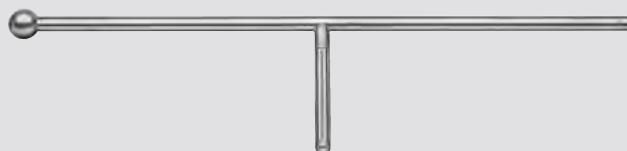
Fiber Optic Light Cable, diameter 4.8 mm, length 300 cm

495 NVB

Fiber Optic Light Cable, with 90° deflection to the instrument, diameter 4.8 mm, length 300 cm

495 NVC

Fiber Optic Light Cable, with 90° deflection to the instrument, very narrow radius of curvature, diameter 4.8 mm, length 300 cm



20 9180 20

20 9180 20

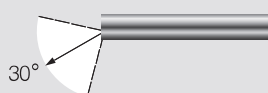
VITOM® 25 Distance Rod, length 25 cm

Diameter 5 mm, length 29 cm



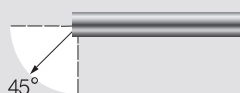
26046 AA

HOPKINS® Straight Forward Telescope 0°, enlarged view, diameter 5 mm, length 29 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green



26046 BA

HOPKINS® Forward-Oblique Telescope 30°, diameter 5 mm, length 29 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red



26046 FA

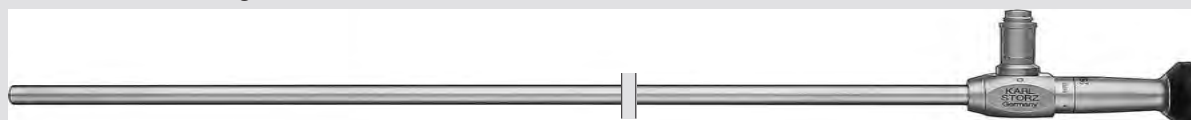
HOPKINS® Telescope 45°, enlarged view, diameter 5 mm, length 29 cm, **autoclavable**, fiber optic light transmission incorporated, color code: black



533 TVA

Adaptor, autoclavable, permits telescope changing under sterile conditions

Diameter 10 mm, length 31 cm

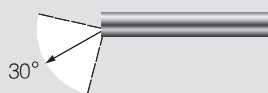


26003 AA



26003 AA

HOPKINS® Straight Forward Telescope 0°, enlarged view, diameter 10 mm, length 31 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green



26003 BA

HOPKINS® Forward-Oblique Telescope 30°, enlarged view, diameter 10 mm, length 31 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red



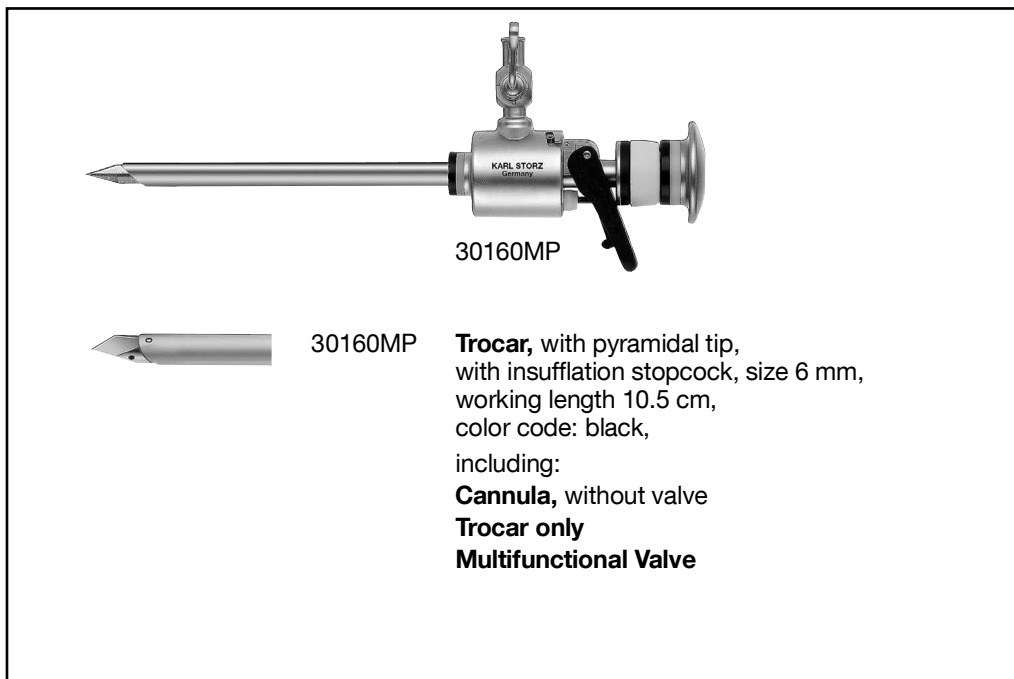
26003 FA

HOPKINS® Telescope 45°, enlarged view, diameter 10 mm, length 31 cm, **autoclavable**, fiber optic light transmission incorporated, color code: black

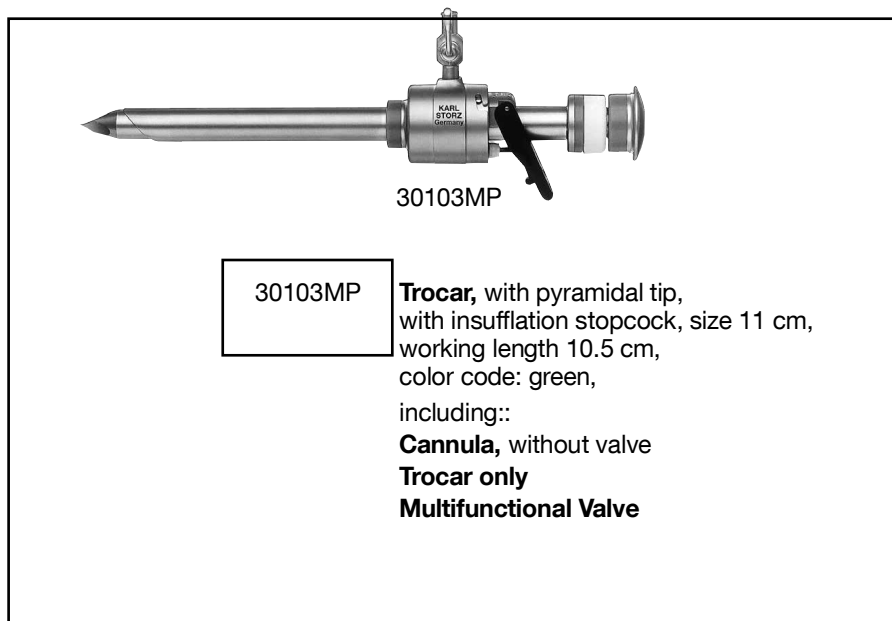
For further Telescopes see chapter 1 and **Laparoscopic Telescopes** see catalog LAPAROSCOPY, chapter 2
Container for the Sterilization and Storage of Telescopes see catalog HYGIENE

Trocars and Accessories

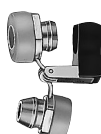
Size 6 mm



Size 11 mm



30140DB **Reduction Sleeve**, reusable, instrument diameter 5 mm, trocar cannula outer diameter 11 mm, color code: green



30142HB **Double Reducer**, 13/10 mm, 13.5/10 mm, 13/5 mm and 13.5/5 mm

Reduction Sleeves/Extractors



30140 DB

Instrument Diameter	Outer Diameter of Trocar Cannula – Color Code					
	6 mm black	11 mm green	12 mm white	13 mm black	15 mm	22 mm
3 mm	30140 KA	30140 DA	–	–	–	–
5 mm	–	30140 DB	30140 EB	30140 HB	30140 FB	30140 GB
8 mm	–	30140 DD	–	–	–	–
10 mm	–	–	30140 EE	30140 HE	30140 FE	30140 GE

Reducers, for use with trocars with automatic valves and TERNAMIAN EndoTIP cannulas with automatic valves



30141 AA



30141 DB

- 30141 AA

30141 DB

30141 HB

30141 HE
- Reducer, 6/3 mm

Same, 11/5 mm

Same, 13/5 mm and 13.5/5 mm

Same, 13/10 mm

Double Reducer



30142 HB

30142 HB	Double Reducer, 13/10 mm, 13.5/10 mm, 13/5 mm and 13.5/5 mm
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Reducers, for use with trocars with silicone leaflet valves and TERNAMIAN EndoTIP cannulas with silicone leaflet valves



30160 RE

- 30160 RE

30103 RE
- Reducer, 6/3 mm

Same, 11/5 mm

Reduction Sleeves



Instrument diameter	Outer diameter of cannula – color code			
	6 mm black	11 mm green	12 mm white	13 mm black
3 mm	30140 KA	30140 DA	–	–
5 mm	–	–	30140 EB	30140 HB
8 mm	–	30140 DD	–	–
10 mm	–	–	30140 EE	30140 HE

Reducers



62141 AA



62141 DB



30142 HB

- 62141 AA

Reducer, 6/3 mm
- 62141 DB

Reducer, 11/5 mm, flip style (optional for larger ovaries)
- 62141 HB

Reducer, 13/5 mm
- 62141 HE

Reducer, 13/10 mm

30142 HB

Double Reducer, 13/10 mm and 13/5 mm

Reducers for use with trocars and TERNAMIAN ENDOTIP cannulas with silicone leaflet valve



30160 RE

- 30160 RE

Reducer, 6/3 mm
- 30103 RE

Reducer, 11/5 mm

Dissecting and Grasping Forceps

CLICK'liné – rotating, dismantling,
without connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **lengths 30 and 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm

Length	Handle						
	33161	33162	33163	33166	33131	33146	33147
30 cm							
36 cm							
43 cm							

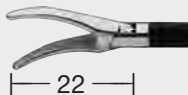
Double action jaws

Working Insert	Complete Instrument						
33210 MD	33261 MD	33262 MD	33263 MD	33266 MD	33231 MD	33246 MD	33247 MD
33310 MD	33361 MD	33362 MD	33363 MD	33366 MD	33331 MD	33346 MD	33347 MD
33410 MD	33461 MD	33462 MD	33463 MD	33466 MD	33431 MD	33446 MD	33447 MD



CLICK'liné KELLY Dissecting and Grasping Forceps

33210 ML	33261 ML	33262 ML	33263 ML	33266 ML	33231 ML	33246 ML	33247 ML
33310 ML	33361 ML	33362 ML	33363 ML	33366 ML	33331 ML	33346 ML	33347 ML
33410 ML	33461 ML	33462 ML	33463 ML	33466 ML	33431 ML	33446 ML	33447 ML



CLICK'liné KELLY Dissecting and Grasping Forceps, long

33310 DK	33361 DK	33362 DK	33363 DK	33366 DK	33331 DK	33346 DK	33347 DK
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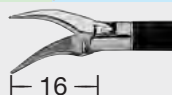
CLICK'liné DeBAKEY Grasping Forceps,
curved and slender jaws, atraumatic

33310 UY	33361 UY	33362 UY	33363 UY	33366 UY	33331 UY	33346 UY	33347 UY
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CLICK'liné UYAMA Dissecting and Grasping Forceps,
long jaws, with reservoir, fine, for dissection

33310 NO	33361 NO	33362 NO	33363 NO	33366 NO	33331 NO	33346 NO	33347 NO
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CLICK'liné NOSHIO Dissecting and Grasping Forceps,
short jaws, fine, for dissection

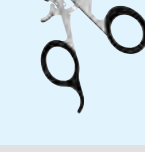
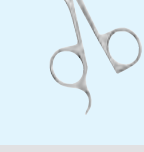
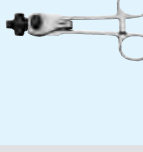
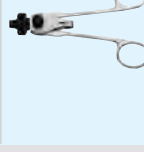
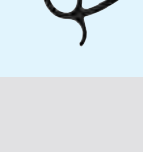
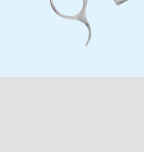
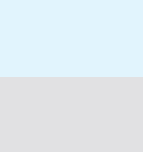
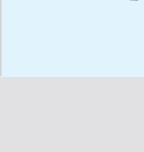
Dissecting and Grasping Forceps

CLICK'line® – rotating, dismantling,
without connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **lengths 30 and 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm

Length	Handle						
	33161	33162	33163	33166	33131	33146	33147
30 cm							
36 cm							
43 cm							

Double action jaws

Working Insert	Complete Instrument						
33210 R	33261 R	33262 R	33263 R	33266 R	33231 R	33246 R	33247 R
33310 R	33361 R	33362 R	33363 R	33366 R	33331 R	33346 R	33347 R
33410 R	33461 R	33462 R	33463 R	33466 R	33431 R	33446 R	33447 R



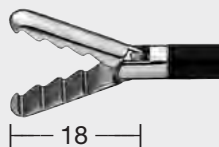
CLICK'line® Dissecting and Grasping Forceps, jaws right-angled

33210 UL	33261 UL	33262 UL	33263 UL	33266 UL	33231 UL	33246 UL	33247 UL
33310 UL	33361 UL	33362 UL	33363 UL	33366 UL	33331 UL	33346 UL	33347 UL
33410 UL	33461 UL	33462 UL	33463 UL	33466 UL	33431 UL	33446 UL	33447 UL



CLICK'line® REDDICK-OLSEN Dissecting and Grasping Forceps, robust

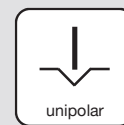
33210 HM	33261 HM	33262 HM	33263 HM	33266 HM	33231 HM	33246 HM	33247 HM
33310 HM	33361 HM	33362 HM	33363 HM	33366 HM	33331 HM	33346 HM	33347 HM
33410 HM	33461 HM	33462 HM	33463 HM	33466 HM	33431 HM	33446 HM	33447 HM



CLICK'line® Dissecting and Grasping Forceps, "alligator jaws"

Dissecting and Grasping Forceps

CLICK^{line} – rotating, dismantling, insulated,
with connector pin for unipolar coagulation



Size 5 mm

Operating instruments, **lengths 30 and 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm

Length	Handle						
	33151	33152	33153	33156	33121	33125	33149
30 cm							
36 cm							
43 cm							

Double action jaws

Working Insert	Complete Instrument						
33210 MH	33251 MH	33252 MH	33253 MH	33256 MH	33221 MH	33225 MH	33249 MH
33310 MH	33351 MH	33352 MH	33353 MH	33356 MH	33321 MH	33325 MH	33349 MH



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CLICK^{line} Dissecting and Grasping Forceps, atraumatic

33210 DF	33251 DF	33252 DF	33253 DF	33256 DF	33221 DF	33225 DF	33249 DF
33310 DF	33351 DF	33352 DF	33353 DF	33356 DF	33321 DF	33325 DF	33349 DF
33410 DF	33451 DF	33452 DF	33453 DF	33456 DF	33421 DF	33425 DF	33449 DF



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CLICK^{line} Dissecting and Grasping Forceps, atraumatic

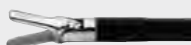
33210 DN	33251 DN	33252 DN	33253 DN	33256 DN	33221 DN	33225 DN	33249 DN
33310 DN	33351 DN	33352 DN	33353 DN	33356 DN	33321 DN	33325 DN	33349 DN
33410 DN	33451 DN	33452 DN	33453 DN	33456 DN	33421 DN	33425 DN	33449 DN



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CLICK^{line} Dissecting and Grasping Forceps, “dolphin nose”

33210 KJ	33251 KJ	33252 KJ	33253 KJ	33256 KJ	33221 KJ	33225 KJ	33249 KJ
33310 KJ	33351 KJ	33352 KJ	33353 KJ	33356 KJ	33321 KJ	33325 KJ	33349 KJ
33410 KJ	33451 KJ	33452 KJ	33453 KJ	33456 KJ	33421 KJ	33425 KJ	33449 KJ



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CLICK^{line} REDDICK-OLSEN Dissecting and Grasping Forceps

Dissecting and Grasping Forceps

CLICK'liné – rotating, dismantling, insulated,
with connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **lengths 30 and 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm



Length	Handle					
	33151	33152	33153	33156	33121	33149
30 cm						
36 cm						
43 cm						

Single action jaws

Working Insert	Complete Instrument					
33210 MN	33251 MN	33252 MN	33253 MN	33256 MN	33221 MN	33249 MN
33310 MN	33351 MN	33352 MN	33353 MN	33356 MN	33321 MN	33349 MN
33410 MN	33451 MN	33452 MN	33453 MN	33456 MN	33421 MN	33449 MN



CLICK'liné MOURET **Dissecting and Grasping Forceps**,
slender, atraumatic, fenestrated

33310 MM	33351 MM	33352 MM	33353 MM	33356 MM	33321 MM	33349 MM
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CLICK'liné MOURET **Dissecting and Grasping Forceps**,
with slender curved jaws, large reservoir

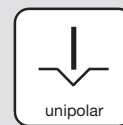
Dissecting and Grasping Forceps

CLICK'linē – rotating, dismantling, insulated,
with connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **lengths 30 and 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm



Length	Handle					
	33151	33152	33153	33156	33121	33149
30 cm						
36 cm						
43 cm						

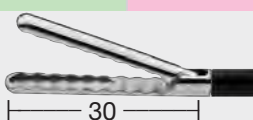
Single action jaws

Working Insert	Complete Instrument					
33210 ON	33251 ON	33252 ON	33253 ON	33256 ON	33221 ON	33249 ON
33310 ON	33351 ON	33352 ON	33353 ON	33356 ON	33321 ON	33349 ON
33410 ON	33451 ON	33452 ON	33453 ON	33456 ON	33421 ON	33449 ON



CLICK'linē Grasping Forceps, with fine atraumatic serration, fenestrated

33210 LF	33251 LF	33252 LF	33253 LF	33256 LF	33221 LF	33249 LF
33310 LF	33351 LF	33352 LF	33353 LF	33356 LF	33321 LF	33349 LF
33410 LF	33451 LF	33452 LF	33453 LF	33456 LF	33421 LF	33449 LF



CLICK'linē Grasping Forceps, atraumatic, with hollow jaws

33210 CC	33251 CC	33252 CC	33253 CC	33256 CC	33221 CC	33249 CC
33310 CC	33351 CC	33352 CC	33353 CC	33356 CC	33321 CC	33349 CC
33410 CC	33451 CC	33452 CC	33453 CC	33456 CC	33421 CC	33449 CC



CLICK'linē CROCE-OLMI Grasping Forceps, atraumatic, fenestrated, curved

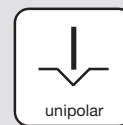
Dissecting and Grasping Forceps

CLICK'liné – rotating, dismantling, insulated,
with connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **length 36 cm**, for use
with trocars size 6 mm

Operating instruments, **length 43 cm**, for
use with telescopes with inbuilt working
channels and trocars size 6 mm



Length	Handle					
	33151	33152	33153	33156	33121	33149
36 cm						
43 cm						

Single action jaws

Working Insert	Complete Instrument					
33310 BB	33351 BB	33352 BB	33353 BB	33356 BB	33321 BB	33349 BB
33410 BB	33451 BB	33452 BB	33453 BB	33456 BB	33421 BB	33449 BB
	CLICK'liné BABCOCK Grasping Forceps, atraumatic, jaws with multiple teeth, fenestrated, long					
33310 AA	33351 AA	33352 AA	33353 AA	33356 AA	33321 AA	33349 AA
	CLICK'liné MOURET Grasping Forceps, atraumatic, fenestrated, slender					
33310 AB	33351 AB	33352 AB	33353 AB	33356 AB	33321 AB	33349 AB
	CLICK'liné MOURET Grasping Forceps, atraumatic, fenestrated, round jaws, slender					
33310 MA	33351 MA	33352 MA	33353 MA	33356 MA	33321 MA	33349 MA
	CLICK'liné Grasping Forceps, "cobra jaws", 1 x 2 teeth					

Dissecting and Grasping Forceps

CLICK'linē – rotating, dismantling, insulated,
with connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **lengths 30 and 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm



Length	Handle					
	33151	33152	33153	33156	33121	33149
30 cm						
36 cm						
43 cm						

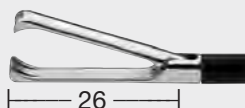
Single action jaws

Working Insert	Complete Instrument					
33310 M	33351 M	33352 M	33353 M	33356 M	33321 M	33349 M



CLICK'linē Grasping Forceps, with multiple teeth, width of jaws 3 mm,
for atraumatic and accurate grasping

33310 FM	33351 FM	33352 FM	33353 FM	33356 FM	33321 FM	33349 FM
33410 FM	33451 FM	33452 FM	33453 FM	33456 FM	33421 FM	33449 FM



CLICK'linē Claw Forceps, 2 x 3 teeth

33210 ME	33251 ME	33252 ME	33253 ME	33256 ME	33221 ME	33249 ME
33310 ME	33351 ME	33352 ME	33353 ME	33356 ME	33321 ME	33349 ME
33410 ME	33451 ME	33452 ME	33453 ME	33456 ME	33421 ME	33449 ME



CLICK'linē Grasping Forceps, with multiple teeth, width of jaws 4.8 mm,
for atraumatic and accurate grasping

33210 MG	33251 MG	33252 MG	33253 MG	33256 MG	33221 MG	33249 MG
33310 MG	33351 MG	33352 MG	33353 MG	33356 MG	33321 MG	33349 MG
33410 MG	33451 MG	33452 MG	33453 MG	33456 MG	33421 MG	33449 MG



CLICK'linē Grasping Forceps, “tiger jaws”, 2 x 4 teeth, for grasping and removal
of solid organs, in particular during adhesiolyses

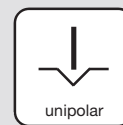
Dissecting and Grasping Forceps

CLICK'linē – rotating, dismantling, insulated,
with connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **lengths 30 and 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm



Length	Handle					
	33151	33152	33153	33156	33121	33149
30 cm						
36 cm						
43 cm						

Single action jaws

Working Insert	Complete Instrument					
33310 M	33351 M	33352 M	33353 M	33356 M	33321 M	33349 M
	CLICK'linē Grasping Forceps , with multiple teeth, width of jaws 3 mm, for atraumatic and accurate grasping					

33310 FM	33351 FM	33352 FM	33353 FM	33356 FM	33321 FM	33349 FM
33410 FM	33451 FM	33452 FM	33453 FM	33456 FM	33421 FM	33449 FM

	CLICK'linē Claw Forceps , 2 x 3 teeth					
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33210 ME	33251 ME	33252 ME	33253 ME	33256 ME	33221 ME	33249 ME
33310 ME	33351 ME	33352 ME	33353 ME	33356 ME	33321 ME	33349 ME
33410 ME	33451 ME	33452 ME	33453 ME	33456 ME	33421 ME	33449 ME

	CLICK'linē Grasping Forceps , with multiple teeth, width of jaws 4.8 mm, for atraumatic and accurate grasping					
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33210 MG	33251 MG	33252 MG	33253 MG	33256 MG	33221 MG	33249 MG
33310 MG	33351 MG	33352 MG	33353 MG	33356 MG	33321 MG	33349 MG
33410 MG	33451 MG	33452 MG	33453 MG	33456 MG	33421 MG	33449 MG

	CLICK'linē Grasping Forceps , “tiger jaws”, 2 x 4 teeth, for grasping and removal of solid organs, in particular during adhesiolyses					
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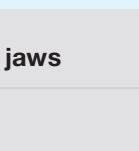
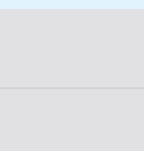
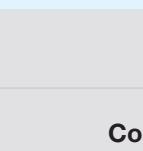
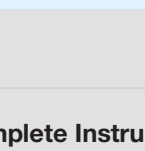
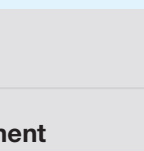
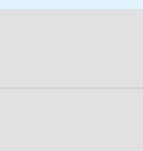
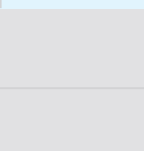
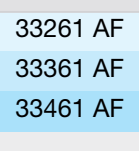
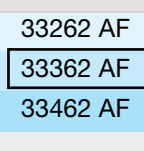
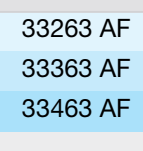
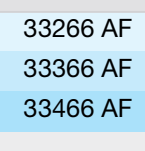
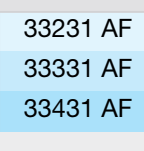
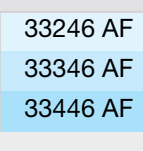
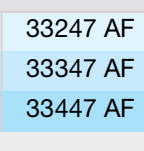
Dissecting and Grasping Forceps

CLICK'line® – rotating, dismantling,
without connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **lengths 30 and 36 cm**,
for use **with trocars size 6 mm**

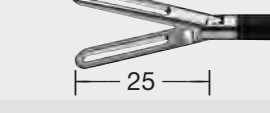
Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm

Length	Handle						
	33161	33162	33163	33166	33131	33146	33147
30 cm							
36 cm							
43 cm							

Double action jaws

Working Insert	Complete Instrument						
33210 AF	33261 AF	33262 AF	33263 AF	33266 AF	33231 AF	33246 AF	33247 AF
33310 AF	33361 AF	33362 AF	33363 AF	33366 AF	33331 AF	33346 AF	33347 AF
33410 AF	33461 AF	33462 AF	33463 AF	33466 AF	33431 AF	33446 AF	33447 AF

 24 —	CLICK'line® Grasping Forceps, atraumatic, fenestrated						
	33361 OD	33362 OD	33363 OD	33366 OD	33331 OD	33346 OD	33347 OD

 25 —	CLICK'line® Grasping Forceps, fenestrated, with fine atraumatic serration						
	33361 FG	33362 FG	33363 FG	33366 FG	33331 FG	33346 FG	33347 FG
33410 FG	33461 FG	33462 FG	33463 FG	33466 FG	33431 FG	33446 FG	33447 FG

 28 —	CLICK'line® Grasping Forceps, atraumatic						
	33261 D	33262 D	33263 D	33266 D	33231 D	33246 D	33247 D
33310 D	33361 D	33362 D	33363 D	33366 D	33331 D	33346 D	33347 D

 19 —	CLICK'line® Grasping Forceps, atraumatic, spoon-shaped, with multiple teeth						
	33361 K	33362 K	33363 K	33366 K	33331 K	33346 K	33347 K

 13 —	CLICK'line® Grasping Forceps, atraumatic, fenestrated						
	33361 K	33362 K	33363 K	33366 K	33331 K	33346 K	33347 K

Dissecting and Grasping Forceps

CLICK'linē – rotating, dismantling,
without connector pin for unipolar coagulation

Size 10 mm

Operating instruments, length 36 cm, for use
with trocars size 11 mm

Length	Handle						
	33161	33162	33163	33166	33131	33146	33147
36 cm							

Double action jaws

Working Insert	Complete Instrument						
33510 PR	33561 PR	33562 PR	33563 PR	33566 PR	33531 PR	33546 PR	33547 PR
 43	CLICK'linē Dissecting and Grasping Forceps, atraumatic, for grasping organs						
33510 MLL	33561 MLL	33562 MLL	33563 MLL	33566 MLL	33531 MLL	33546 MLL	33547 MLL
 44	CLICK'linē KELLY Dissecting and Grasping Forceps, long						
33510 RG	33561 RG	33562 RG	33563 RG	33566 RG	33531 RG	33546 RG	33547 RG
 26	CLICK'linē Grasping Forceps, jaws right-angled						
33510 AF	33561 AF	33562 AF	33563 AF	33566 AF	33531 AF	33546 AF	33547 AF
 32	CLICK'linē Grasping Forceps, atraumatic, fenestrated						

Dissecting and Grasping Forceps

CLICK'line – rotating, dismantling,
without connector pin for unipolar coagulation

Size 10 mm

Operating instruments, length 36 cm,
for use with trocars size 11 mm

Length	Handle						
	33161	33162	33163	33166	33131	33146	33147
36 cm		NEW 	NEW 	NEW 			

Double action jaws

Working Insert	Complete Instrument						
33510 TH	33561 TH	33562 TH	33563 TH	33566 TH	33531 TH	33546 TH	33547 TH
	CLICK'line Grasping Forceps, fenestrated						
15							
33510 BC	33561 BC	33562 BC	33563 BC	33566 BC	33531 BC	33546 BC	33547 BC
	CLICK'line BABCOCK Clamp						
34							
33510 BLS	33561 BLS	33562 BLS	33563 BLS	33566 BLS	33531 BLS	33546 BLS	33547 BLS
	CLICK'line BABCOCK Clamp, rounded jaws, long						
33							

10 mm

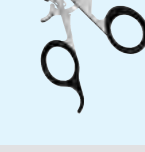
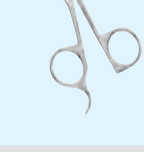
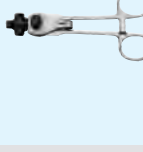
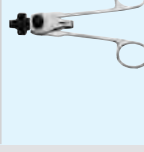
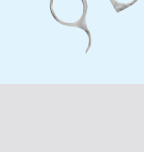
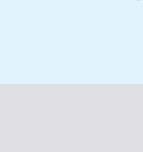
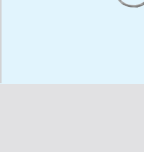
Dissecting and Grasping Forceps

CLICK'line® – rotating, dismantling,
without connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **lengths 30 and 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**, for
use with telescopes with inbuilt working
channels and trocars size 6 mm

Length	Handle						
	33161	33162	33163	33166	33131	33146	33147
30 cm							
36 cm							
43 cm							

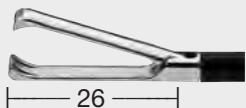
Single action jaws

Working Insert	Complete Instrument						
33310 M	33361 M	33362 M	33363 M	33366 M	33331 M	33346 M	33347 M



CLICK'line® Grasping Forceps, jaws with multiple teeth, width of jaws 3 mm,
for atraumatic and accurate grasping

33310 FM	33361 FM	33362 FM	33363 FM	33366 FM	33331 FM	33346 FM	33347 FM
33410 FM	33461 FM	33462 FM	33463 FM	33466 FM	33431 FM	33446 FM	33447 FM



CLICK'line® Claw Forceps, 2 x 3 teeth

33210 ME	33261 ME	33262 ME	33263 ME	33266 ME	33231 ME	33246 ME	33247 ME
33310 ME	33361 ME	33362 ME	33363 ME	33366 ME	33331 ME	33346 ME	33347 ME
33410 ME	33461 ME	33462 ME	33463 ME	33466 ME	33431 ME	33446 ME	33447 ME



CLICK'line® Grasping Forceps, jaws with multiple teeth, width of jaws 4.8 mm,
for atraumatic and accurate grasping

33210 MG	33261 MG	33262 MG	33263 MG	33266 MG	33231 MG	33246 MG	33247 MG
33310 MG	33361 MG	33362 MG	33363 MG	33366 MG	33331 MG	33346 MG	33347 MG
33410 MG	33461 MG	33462 MG	33463 MG	33466 MG	33431 MG	33446 MG	33447 MG



CLICK'line® Grasping Forceps, “tiger jaws”, 2 x 4 teeth, for grasping and removal
of solid organs, in particular during adhesiolyses

Dissecting and Grasping Forceps

CLICK'line® – rotating, dismantling,
without connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **lengths 30 and 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm

Length	Handle						
	33161	33162	33163	33166	33131	33146	33147
30 cm							
36 cm							
43 cm							

Single action jaws

Working Insert	Complete Instrument						
33310 SN	33361 SN	33362 SN	33363 SN	33366 SN	33331 SN	33346 SN	33347 SN
 22	CLICK'line® SCHNEIDER Lymph Node Grasping Forceps, atraumatic						
33310 DY	33361 DY	33362 DY	33363 DY	33366 DY	33331 DY	33346 DY	33347 DY
33410 DY	33461 DY	33462 DY	33463 DY	33466 DY	33431 DY	33446 DY	33447 DY
 24	CLICK'line® DeBAKEY Grasping Forceps, atraumatic						
33310 WT	33361 WT	33362 WT	33363 WT	33366 WT	33331 WT	33346 WT	33347 WT
 28	CLICK'line® Grasping Forceps, atraumatic						
33210 BA	33261 BA	33262 BA	33263 BA	33266 BA	33231 BA	33246 BA	33247 BA
33310 BA	33361 BA	33362 BA	33363 BA	33366 BA	33331 BA	33346 BA	33347 BA
33410 BA	33461 BA	33462 BA	33463 BA	33466 BA	33431 BA	33446 BA	33447 BA
 16	CLICK'line® BABCOCK Grasping Forceps, atraumatic, jaws with multiple teeth, fenestrated						

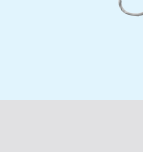
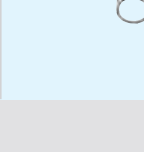
Dissecting and Grasping Forceps

CLICK'line® – rotating, dismantling,
without connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **length 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm

Length	Handle						
	33161	33162	33163	33166	33131	33146	33147
36 cm							
43 cm							

Single action jaws

Working Insert	Complete Instrument						
33310 BB	33361 BB	33362 BB	33363 BB	33366 BB	33331 BB	33346 BB	33347 BB
33410 BB	33461 BB	33462 BB	33463 BB	33466 BB	33431 BB	33446 BB	33447 BB



CLICK'line® BABCOCK Grasping Forceps, atraumatic, with multiple teeth, fenestrated, long

33310 AA 33361 AA 33362 AA 33363 AA 33366 AA 33331 AA 33346 AA 33347 AA



CLICK'line® MOURET Grasping Forceps, atraumatic, fenestrated, slender

33310 AB 33361 AB 33362 AB 33363 AB 33366 AB 33331 AB 33346 AB 33347 AB



CLICK'line® MOURET Grasping Forceps, atraumatic, fenestrated, round jaws, slender

33310 MA 33361 MA 33362 MA 33363 MA 33366 MA 33331 MA 33346 MA 33347 MA



CLICK'line® Grasping Forceps, “cobra jaws”, 1 x 2 teeth

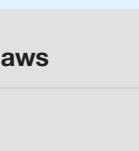
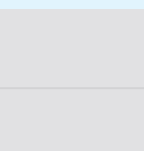
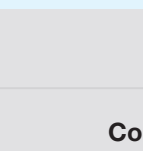
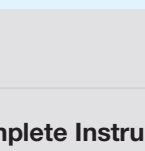
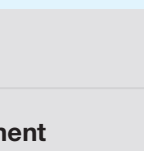
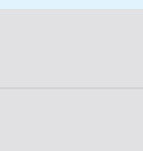
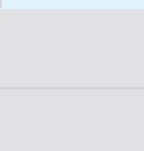
Dissecting and Grasping Forceps

CLICK'line® – rotating, dismantling,
without connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **length 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm

Length	Handle						
	33161	33162	33163	33166	33131	33146	33147
36 cm							
43 cm							

Single action jaws

Working Insert	Complete Instrument						
33310 BB	33361 BB	33362 BB	33363 BB	33366 BB	33331 BB	33346 BB	33347 BB
33410 BB	33461 BB	33462 BB	33463 BB	33466 BB	33431 BB	33446 BB	33447 BB



CLICK'line® BABCOCK Grasping Forceps, atraumatic, with multiple teeth, fenestrated, long

33310 AA 33361 AA 33362 AA 33363 AA 33366 AA 33331 AA 33346 AA 33347 AA



CLICK'line® MOURET Grasping Forceps, atraumatic, fenestrated, slender

33310 AB 33361 AB 33362 AB 33363 AB 33366 AB 33331 AB 33346 AB 33347 AB



CLICK'line® MOURET Grasping Forceps, atraumatic, fenestrated, round jaws, slender

33310 MA 33361 MA 33362 MA 33363 MA 33366 MA 33331 MA 33346 MA 33347 MA



CLICK'line® Grasping Forceps, “cobra jaws”, 1 x 2 teeth

Dissecting and Grasping Forceps

CLICK'line® – rotating, dismantling,
without connector pin for coagulation

Size 10 mm

Operating instruments, **length 36 cm**,
for use **with trocars size 11 mm**

Length	Handle						
	33161	33162	33163	33166	33131	33146	33147
36 cm							

Single action jaws

Working Insert	Complete Instrument						
33510 FK	33561 FK	33562 FK	33563 FK	33566 FK	33531 FK	33546 FK	33547 FK
	CLICK'line® Claw Forceps, 2 x 3 teeth, short						
33510 FS	33561 FS	33562 FS	33563 FS	33566 FS	33531 FS	33546 FS	33547 FS
	CLICK'line® Claw Forceps, 2 x 3 teeth						

Double action jaws

33510 SR	33561 SR	33562 SR	33563 SR	33566 SR	33531 SR	33546 SR	33547 SR
	CLICK'line® Forceps, to retrieve lost gallstones						

ROBI® Bipolar Grasping Forceps

rotating, dismantling, with connector pin for bipolar coagulation,
CLERMONT-FERRAND Model

Size 5 mm



Operating instruments, **length 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm

Outer Sheath	Handle
	38151
Length 36 cm	
Length 43 cm	

Double action jaws

Working Insert	Complete Instrument
38610 ON	38651 ON
38710 ON	38751 ON
 18	ROBI® Grasping Forceps , CLERMONT-FERRAND model, fenestrated, with fine atraumatic serration
38610 WA	38651 WA
 19	ROBI® WATTIEZ Grasping Forceps , CLERMONT-FERRAND model, with multiple teeth, for atraumatic and accurate grasping
38610 MD	38651 MD
38710 MD	38751 MD
 19	ROBI® KELLY Dissecting and Grasping Forceps , CLERMONT-FERRAND model
38610 ML	38651 ML
 24	ROBI® KELLY Dissecting and Grasping Forceps , CLERMONT-FERRAND model
38610 MA	38651 MA
 24	ROBI® MALZONI Dissecting and Grasping Forceps , CLERMONT-FERRAND model

Please note:

For the instrument only the **individual component parts** are numbered. The catalog number for the **complete instrument** is not on the instrument. Please take this number from the numbers indicated in the **red** background of the table above. The color **green** indicates the working inserts.

Bipolar High Frequency Cords see accessories on page 151

Skull Base and Endoscopic Pituitary Surgery

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

Bipolar High Frequency Cords

KARL STORZ Instrument

High Frequency Surgical Units



	26176 LE Bipolar High Frequency Cord, 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
	26176 LM Bipolar High Frequency Cord, for Martin and Berchtold coagulators, length 300 cm
	26176 L Bipolar High Frequency Cord, with 2 x 4 mm banana plug for KARL STORZ Coagulator 26020 XA/XB and Ellman, length 300 cm
	26176 LA Bipolar High Frequency Cord, with 2 x 4 mm banana plug for KARL STORZ Coagulator 26020 XA/XB and Valleylab, length 300 cm
	26176 LV Bipolar High Frequency Cord, for KARL STORZ AUTOCON® II 400 SCB system (112, 114, 116, 122, 125) and Valleylab coagulators, length 300 cm

High Frequency Surgical Units AUTOCON® see chapter 12

Scissors

CLICK^{line} – rotating, dismantling,
with and without connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **length 30, 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm

Length	Handle					
	33151	33121	33149	33161	33131	33147
30 cm						
36 cm						
43 cm						

Double action jaws

Working Insert	Complete Instrument					
34210 MS	34251 MS	34221 MS	34249 MS	34261 MS	34231 MS	34247 MS
34310 MS	34351 MS	34321 MS	34349 MS	34361 MS	34331 MS	34347 MS
34410 MS	34451 MS	34421 MS	34449 MS	34461 MS	34431 MS	34447 MS



CLICK^{line} METZENBAUM Scissors, curved

34210 MA	34251 MA	34221 MA	34249 MA	34261 MA	34231 MA	34247 MA
34310 MA	34351 MA	34321 MA	34349 MA	34361 MA	34331 MA	34347 MA
34410 MA	34451 MA	34421 MA	34449 MA	34461 MA	34431 MA	34447 MA



CLICK^{line} Scissors, serrated blades, spoon-shaped, curved

34210 MW	34251 MW	34221 MW	34249 MW	34261 MW	34231 MW	34247 MW
34310 MW	34351 MW	34321 MW	34349 MW	34361 MW	34331 MW	34347 MW
34410 MW	34451 MW	34421 MW	34449 MW	34461 MW	34431 MW	34447 MW



CLICK^{line} Scissors, serrated, curved, conical

34210 MD	34251 MD	34221 MD	34249 MD	34261 MD	34231 MD	34247 MD
34310 MD	34351 MD	34321 MD	34349 MD	34361 MD	34331 MD	34347 MD



CLICK^{line} Scissors, straight

Coagulation and Dissection Electrodes

without suction channel, insulated sheath,
with connector pin for unipolar coagulation

Size 5 mm

Operating instruments, **lengths 30 and 36 cm**,
for use with **trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm



Length	Instrument
30 cm	
36 cm	
43 cm	

Distal Tip	Instrument	
	26772 UF	Coagulation and Dissection Electrode, L-shaped
	26775 UF	
	26778 UF	
	26775 UE	Coagulation and Dissection Electrode, spatula-shaped, blunt
	26778 UE	
	26775 S	Coagulation and Dissection Electrode, knife-shaped
	26775 R	MANGESHIKAR Coagulation Electrode, with ball end

Special Features:

- The hook electrode is suitable for resection, insulating structures as well as dissection and coagulation.
 - The distal tip is semicircular: The thick outer curvature enables safe dissection.
- The thin inner curvature enables fast work with minimal coagulation.
 - The striated handle allows easier gripping.
 - The hook length enables ergonomic work.

Length	Instrument
36 cm	
43 cm	

Distal Tip	Instrument	
	26775 C	CADIERE Coagulation and Dissection Electrode, L-shaped, with cm-marking, distal tip tapered
	26775 CL	

Units for use with Coagulation and Dissection Electrodes see chapter 20, UNITS

Accessories

Unipolar High Frequency Cords

Unipolar High Frequency Cords



KARL STORZ High Frequency
Instrument Surgical Units

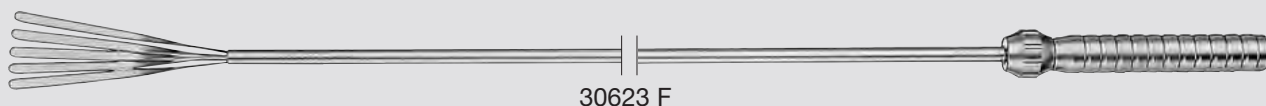
	26002 M	Unipolar High Frequency Cord , with 4 mm plug for models KARL STORZ, Erbe type T, older models and Ellman, length 300 cm
	26004 M	Unipolar High Frequency Cord , with 4 mm plug for models Berchtold and Martin, length 300 cm
	26005 M	Unipolar High Frequency Cord , with 5 mm plug for AUTOCON® II 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	Unipolar High Frequency Cord , 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**.

Fan Retractors

Size 5 mm

Operating instrument, **length 36 cm**,
for use **with trocars size 6 mm**

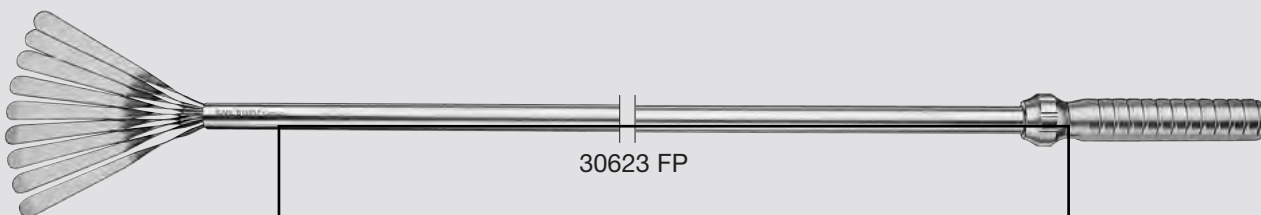


30623 F

Fan Retractor, dismantling, retractable,
size 5 mm, length 36 cm, opening angle in
extended position approx. 16°

Size 10 mm

Operating instrument, **length 36 cm**,
for use **with trocars size 11 mm**



30623 FP

Fan Retractor, dismantling, retractable,
size 10 mm, length 36 cm, opening angle in
extended position approx. 60°

Size 12 mm

Operating instrument, **length 36 cm**,
for use **with trocars size 13 mm**



26173 FP

Fan Retractor, dismantling, retractable, with
proximal rotating wheel for expansion, size 12 mm,
length 36 cm, opening angle in extended position
approx. 60°

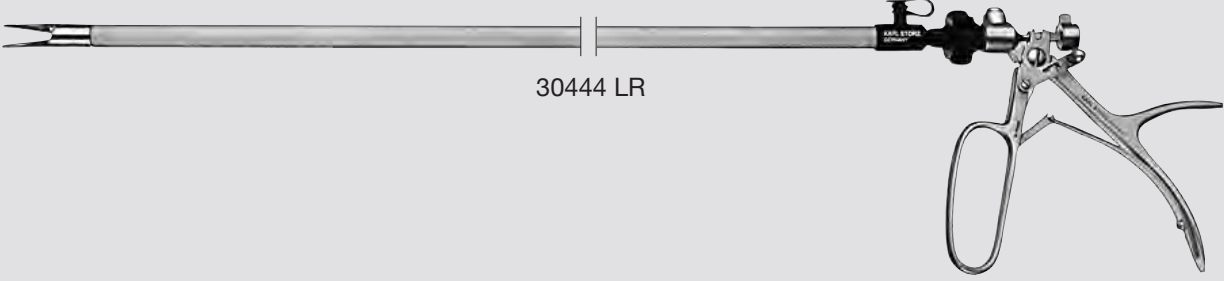
Components/Spare Parts see chapter 18

Applicators for Titanium Clips

dismantling, rotating

Size 10 mm

Operating instruments, length 36 cm,
for use with trocars size 11 mm

		
30444 LR		
	30444 LR	Clip Applicator, dismantling, rotating, size 10 mm, length 36 cm, for PILLING-WECK Titanium Clips 30460 AL (medium-large), with ratchet to lock the jaw holding the clip including: Metal Handle, with ratchet Metal Outer Sheath Clip Applicator Insert
	actual size	
30460 AL PILLING-WECK Titanium Clips, medium-large, box with 16 sterile cartridges, 10 clips each, for use with Clip Applicator 30444 LR		
	30444 GA	Clip Applicator, dismantling, rotating, size 10 mm, length 36 cm, for PILLING-WECK Titanium Clips 30460 AP (medium), with ratchet to lock the jaw holding the clip including: Metal Handle, with ratchet Metal Outer Sheath Clip Applicator Insert
	actual size	
30460 AP PILLING-WECK Titanium Clip, medium, box with 10 sterile cartridges, 25 clips each, for use with Clip Applicator 30444 GA		
	30444 ET	Clip Applicator, dismantling, rotating, size 10 mm, length 36 cm, for Ethicon Titanium Clips LT-300 (medium-large), with ratchet to lock the jaw holding the clip including: Metal Handle, with ratchet Metal Outer Sheath Clip Applicator Insert

Caution:
The use of clips other than those indicated can lead to damage of the jaws.

Components/Spare Parts see chapter 21

Suction and Irrigation Tubes



Size 3.5 mm

Operating instruments, **lengths 20 and 36 cm**,
for use **with trocars size 3.5 mm**

Length	Instrument	
20 cm		
36 cm		
Distal End	Instrument	
	26167 ANS	Suction and Irrigation Tube , with lateral holes, for use with handles for irrigation and suction
	26167 ANL	

Size 5 mm

Operating instruments, **lengths 30 and 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**, for
use with telescopes with inbuilt working
channel **and 6 mm trocars**

Length	Instrument	
30 cm		
36 cm		
43 cm		
Distal End	Instrument	
	37260 LH	Suction and Irrigation Tube , with lateral holes
	37360 LH	
	37460 LH	
	37360 SC	Suction and Irrigation Tube
	37360 CP	Suction and Irrigation Tube , for puncture and suction of cysts

Please note:

Handles for use with Suction and Irrigation Tubes see pages 225-226

Units for use with Handles for Suction and Irrigation see chapter 17, UNITS

Components/Spare Parts see chapter 18

Suction and Irrigation Tubes

Size 5 mm

Operating instruments, **lengths 30 and 36 cm**,
for use **with trocars size 6 mm**

Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel **and trocars size 6 mm**

Length	Instrument
30 cm	
36 cm	
43 cm	

Distal End	Instrument	
	26172 BN	Suction and Irrigation Tube , anti-reflex surface, with lateral holes, with two-way stopcock for single-hand control
	26173 BN	
	26174 BN	
	26173 BL	Suction and Irrigation Tube , anti-reflex surface, with two-way stopcock for single hand control, with two female LUER-lock connectors
	26173 BK	Suction and Irrigation Tube , anti-reflex surface, with protection basket, with two-way stopcock for single hand control

Size 10 mm

Operating instruments, **length 36 cm**,
for use **with trocars size 11 mm**

Length	Instrument	
36 cm		
Distal End	Instrument	
	37560 LH	Suction and Irrigation Tube , with lateral holes

Please note:

Handles for use with Suction and Irrigation Tubes see pages 242-247

Units for use with Handles for Suction and Irrigation see chapter 20, UNITS

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 use with
Paper Roll and Ribbon for



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



CO₂ Adaptor Set for Bottle Holder

UG812

Adaptor Set for Bottle Holder, COR mobile stand, two elements, dimensions in mm (w x h x d): 49 x 162 x 65 and 49 x 252 x 65, for use with Beam Modules UG801 and UG802 and CO₂ Bottle Holder UG609

UG609

Bottle Holder, for CO₂ bottles, max. diameter 210 mm, dimensions in mm (w x h x d): 230 x 280 x 210, for use with Equipment Carts UGxxx



UG814

Suction Canister Holder, COR mobile stand, dimensions in mm (w x h x d): 210 x 276 x 256, for use with Guardian Suction Canister 030306-04



UG901

Footswitch Holder, for use with One-Pedal Footswitch UF901



UG902

Footswitch Holder, for use with Two-Pedal Footswitch UF902 and one- and two-pedal universal footswitches



29005EFH

Footswitch Holder, for one-pedal footswitch



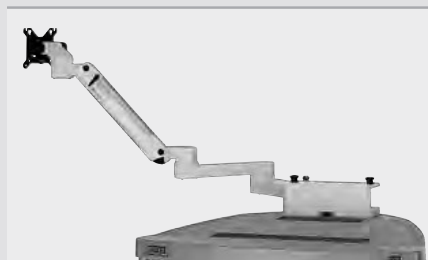
29005DFH

Footswitch Holder, for two- and three-pedal footswitches



29005KHN

Camera Holder, for mounting camera heads, with removable inserts, compatible with all KARL STORZ endoscopic camera heads, for mounting to equipment rails



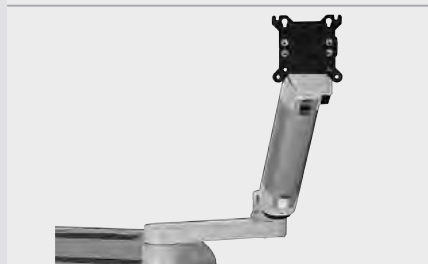
UG 540

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



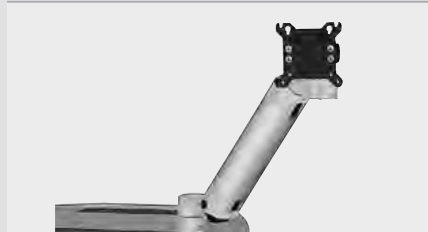
UG 530

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



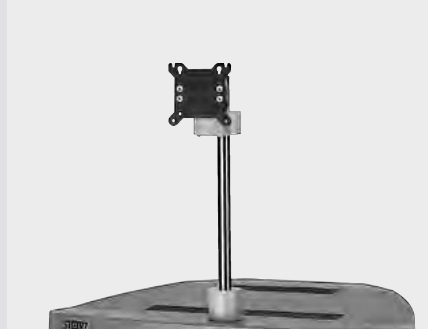
UG 520

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

Insufflators

ENDOFLATOR® 40 SCB, ENDOFLATOR® 50 SCB

Components / Spare Parts

Catalog page

UI 400S1

ENDOFLATOR® 40 SCB

U 39

UI 400

ENDOFLATOR® 40 SCB, power supply
100 – 240 VAC, 50/60 Hz

20090170

SCB Connecting Cable, length 100 cm

20400030

Universal Wrench

031200-10

Insufflation Tubing Set, with gas filter, sterile,
for single use, package of 10



UI400 S1

UI 500S1

ENDOFLATOR® 50 SCB

U 9, U 42

UI 500

ENDOFLATOR® 50 SCB, power supply
100 – 240 VAC, 50/60 Hz

20090170

SCB Connecting Cable, length 100 cm

20400030

Universal Wrench

031210-10

Heated Insufflation Tubing Set, with gas filter,
sterile, for single use, package of 10



UI500 S1

Spare Parts



ET15-1708090
Mains Fuse,
T 2, AH 250 V,
package of 10



20300184
**LUER-Lock Tube
Connector**, male, tube
diameter 10 mm

Optional Accessories

for Insufflators

for use with

ENDOFLATOR® 40 SCB
UI 400S1

ENDOFLATOR® 50 SCB
UI 500S1

	031200-10	Insufflation Tubing Set with Gas Filter , length 300 cm, hydrophobic on both sides, sterile, for single use, package of 10, for use with insufflation units with a maximum gas flow of 50 l/min (Electronic ENDOFLATOR®, THERMOFLATOR®, ENDOFLATOR® 40 and ENDOFLATOR® 50)	STERILE 	•	•
	031210-10*	Same , heatable	STERILE 	—	•
	031122-25	Gas Filter , with ISO connectors, hydrophobic on both sides, sterile, for single use, package of 25, for use with insufflation units with a maximum gas flow of 50 l/min (Electronic ENDOFLATOR®, THERMOFLATOR®, ENDOFLATOR® 40 and ENDOFLATOR® 50)	STERILE 	•	•
	UI 004	Insufflation Tube , sterilizable, inner diameter 9 mm, length 250 cm		•	•
	031622-10	Insufflation Tubing Set with Gas Filter , length 400 cm, two patient-side tube connections, hydrophobic on both sides, sterile, for single use, package of 10, for use with insufflation units with a maximum gas flow of 30 l/min (Electronic ENDOFLATOR®, THERMOFLATOR®, ENDOFLATOR® 40 and ENDOFLATOR® 50)	STERILE 	•	•
	26120 J	VERESS Pneumoperitoneum Needle , with spring-loaded blunt inner cannula, LUER-Lock, autoclavable , diameter 2.1 mm, length 10 cm		•	•
	30103 HP	HICAP® Trocar , size 11 mm, color code: green		•	•

Insufflators

HAMOU® MICRO-HYSTEROFLATOR® SCB

Components / Spare Parts

Catalog page

- 26431508-1** HAMOU® MICRO-HYSTEROFLATOR® SCB
- 26431520-1** HAMOU® MICRO-HYSTEROFLATOR®, power supply 100 – 240 VAC, 50/60 Hz
- 20400042** **Silicone Tubing Set**, sterilizable
- 20400030** **Universal Wrench**
- 20090170** **SCB Connecting Cable**, length 100 cm
- 031123-10*** **Gas Filter**, for single use, sterile, package of 10

U 6



26431520-1

Spare Parts



2027590
Mains Fuse,
T 2.0 AL (SB),
package of 10

Components / Spare Parts

Catalog page

- 20400022** **CO₂ High Pressure Tube**
- 20400028** **CO₂ High Pressure Tube**

U 8

U 8

Spare Parts



2903390
Seal, for use with
CO₂ bottle, Pin-Index
connector



Components / Spare Parts

Catalog page

- 20400021** **CO₂ High Pressure Tube**
- 20400027** **CO₂ High Pressure Tube**

U 8

U 8

Spare Parts



2903490
Seal, for use with
CO₂ bottle, German
connection



Components / Spare Parts

Catalog page

- 20400042** **Silicone Tubing Set**

U 7

Spare Parts



600007
**LUER-Lock Tube
Connector**, male,
tube diameter 6 mm



600008
**LUER-Lock Tube
Connector**, female,
tube diameter 6 mm



Handles for Suction and Irrigation

Handles	Function	Compatibility Matrix				
		Suction and Irrigation Tubes, sizes			for use with mtp tubing sets only	for use with coagulation suction-irrigation tubes
		3 and 3.5 mm	5 mm	10 mm		
 30804	for suction or irrigation	●	●	—	—	●
 30805	for suction and irrigation	●	●	—	—	—
 30810	for suction and irrigation	●	●	—	—	●
 37112 A	for suction and irrigation	●	●	●	* 	●
 37113 A	for suction and irrigation, with central working channel	●	●	●	* 	●

Please note:

Detailed descriptions of the handles see pages 225-226

10 mm suction and irrigation tubes should only be used with the handles recommended, as these are the only handles that provide an adequate in-/outflow.



- UH 400

AUTOCON® III 400 High-End, without CE certification,
power supply 220 – 240 VAC, 50/60 Hz
including:
Mains Cord
HF connecting sockets unipolar:
2x 3-pin US type
5 mm connector KARL STORZ/Erbe VIO
2x 4 mm connector (via footswitch)
BOVIE (via footswitch)
HF connecting sockets bipolar:
2x 2-pin US type (28.58)
3x 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 400E

Same, with CE certification,
power supply 220 – 240 VAC, 50/60 Hz
- UH 400U

Same, without CE certification,
power supply 100 – 127 VAC, 50/60 Hz
- UH 400UE

Same, with CE certification,
power supply 100 – 127 VAC, 50/60 Hz

Specifications:

Max. power	unipolar: 400 Watt (at 200 Ohm) bipolar: 400 Watt (at 75 Ohm)
Power supply	220 – 240 VAC, 50/60 Hz (UH 400, UH 400E) 100 – 127 VAC, 50/60 Hz (UH 400U, UH 400UE)
Weight	12.5 kg
Sockets	Unipolar sockets: 2 Bipolar sockets: 2 (can be expanded to 3)

Output frequency	350 kHz/1 MHz
Dimensions w x h x d	447 x 177 x 457 mm
Certified to	IEC 60601-1

Optional Accessories for AUTOCON® III 400 High-End see page U 42
Components/Spare Parts see chapter 18

KARL STORZ SENATOR Vacuum Pump

A successful, cost-efficient solution in a new design

The new KARL STORZ SENATOR vacuum pump is suitable for suctioning fluid or gas during endoscopic applications in doctors' offices, clinics, and hospitals.



It is easy to change locations thanks to the mobile suction solution or the integrated carrying handle so that the system can be used across specialties in various rooms.

In addition to easy handling, which plays a major role in the everyday OR routine, an uncomplicated combination with existing products is important to us. In addition to a stand-alone solution, the SENATOR vacuum pump can also be used in conjunction with the s-pilot® – our solution for smoke evacuation management – or the ENDOMAT® SELECT pump. This combination completes the imaging chain and ensures optimal viewing conditions in endoscopy.

STORZ
KARL STORZ – ENDOSKOPE

KARL STORZ SENATOR Vacuum Pump

A successful, cost-efficient solution in a new design

- High suction capacity of 30 l/min
- Hydrophobic bacterial filter
- Intuitive use
- Low noise and low vibration levels
- Can be used in various disciplines
- Easy-to-read manometer
- Rapid vacuum build-up
- Easy-to-clean surface
- For mounting to standard rails

Order numbers:



UP031 KARL STORZ SENATOR Vacuum Pump, Set

consisting of:

UP030 **SENATOR Vacuum Pump**, incl. mains cord,
1 connecting tube, 3 bacterial filters

UP032 **Secretion Application Set**, 2 l

consisting of:

UP030-5000168 **Secretion Bottle**, 2 l

UP030-500008 **Bottle Cap for Secretion Bottle**

UP030-500002 **Patient Tube**, 1.7 m, unsterile,
connection between secretion bottle and
instrument, for use with UP030, UP030C,
25320020 and 25320020C



Accessories

UP030-500001 **Connecting Tube**, short, 0.5 m, unsterile,
connection between filter and secretion bottle, for use with
UP030, UP030C, 25320020 and 25320020C

UP030-500084 **Float for Overflow Protection**

UP030-500002 **Patient Tube**, 1.7 m, unsterile,
connection between secretion bottle and instrument for use with
UP030, UP030C, 25320020 and 25320020C

UP030-5000168 **Secretion Bottle**, 2 l

UP030-500005 **Hydrophobic Bacterial Filters**

UP030-500008 **Bottle Cap for Secretion Bottle**

KARL STORZ SENATOR Vacuum Pump

A successful, cost-efficient solution in a new design

The KARL STORZ SENATOR vacuum pump can also be offered as a mobile suction unit on a small Mobile Stand UG911 from our proven COR series. The corresponding containers can be mounted on the stand and thus transported between OR rooms or for disposal.

Order numbers:



UG911	COR Pump Mobile Stand consisting of:
UG803	Subrack COR Mobile Stand, low
UG816	Pump Holder for COR Mobile Stand, for use with vacuum pumps KARL STORZ SENATOR and UNIMAT® 30

Accessories for KARL STORZ SENATOR

Setup with 1 Suction Liner

030350-05	Clamp Holder , standard
030301-01	Secretion Container , 1.5 l
030302-01	Secretion Container , 2.5 l
030315-30	Suction Liner , 1.5 l, with solidifier
030325-30	Suction Liner , 2.5 l, with solidifier
030310-40	Suction Liner , 1.5 l
030320-40	Suction Liner , 2.5 l
030362-10	Coupling Piece
030249-10	Tubing Set for Suction , patient side, 250 cm, with silicone tubing, sterile, for single use, package of 10
030248-10	Tubing Set for Suction , patient side, 250 cm, with male LUER-Lock, sterile, for single use, package of 10
030748-01	Tubing Set for Suction , unit side, 150 cm, unsterile

Option 1 Additional Components for Setup with 2 Suction Liners

030331-100 / 030332-01	Serial Connection , Patient, connection to suction liner (before filter), for single use
030341-01	Serial Connection , Vacuum, connection to suction liner (behind filter)
030351-01	Changeover Valve , clamp holder and tubing set

Option 2 Additional Components for Setup with Several (up to 5) Suction Liners

030331-100 / 030332-01	Serial Connection , Patient, connection to suction liner (before filter), for single use
030341-01	Serial Connection , Vacuum, connection to suction liner (behind filter)
030380-01	Trolley

AUTOCON® III 400 High-End

High Frequency Surgery Units,
System Components

STORZ
KARL STORZ — ENDOSKOPE

UNIT SIDE
PATIENT SIDE



Connecting Cable



27806 US

Neutral Electrode



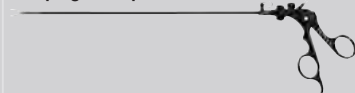
27802

Unipolar High Frequency Cord



26005 M

CLICKline® KELLY Dissecting and Grasping Forceps



33351 MD

Coagulation and Dissection Electrode, L-shaped



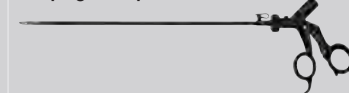
26775 UF

Bipolar High Frequency Cord



26176 LE

ROBI® KELLY Dissecting and Grasping Forceps

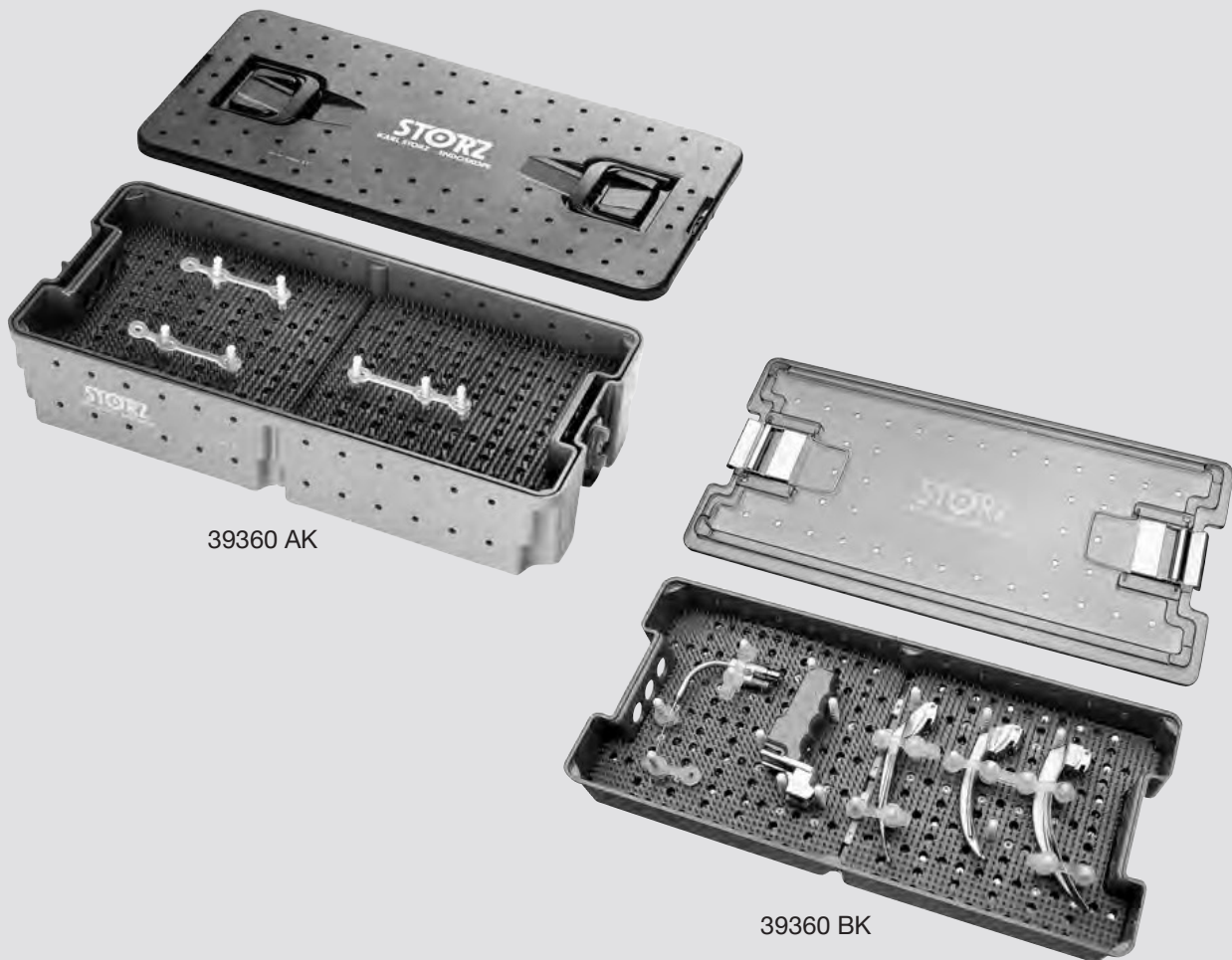


38651 MD

Bipolar Ball Electrode



26183 TZ



- 39360 AK** **Plastic Container for Sterilization and Storage of Variable Instrument Sets**, perforated, with transparent lid, with silicone mat, **two-level storage**, (1 additional insert), external dimensions (w x d x h): 545 x 260 x 115 mm including:
 2x **Snap-in Clip**, package of 12
 2x **Silicone Tie-Downs**, package of 12
Tool
- 39360 BK** **Plastic Container for Sterilization and Storage of Variable Instrument Sets**, perforated, with transparent lid, with silicone mat, **single-level storage**, (1 additional insert), external dimensions (w x d x h): 525 x 240 x 70 mm including:
Snap-in Clip, package of 12
Silicone Tie-Downs, package of 12
Tool

Components see COMPONENTS, SPARE PARTS

Please note: The instruments displayed are not included in the plastic containers.

Suction and Irrigation Systems

HAMOU® ENDOMAT® SCB

Components / Spare Parts

Catalog page

26331101-1 HAMOU® ENDOMAT® SCB

U 26

26331120-1 HAMOU® ENDOMAT® SCB

20090170 **SCB Connecting Cable**, length 100 cm

031523-10* **Cassette Tubing Set PC**, sterile, for single use

031524-10* **Cassette Tubing Set FC**, sterile, for single use



26331120

Spare Part



2027590
Mains Fuse,
T 2.0 AL (SB),
package of 10

Components / Spare Parts

Catalog page

26331142 **Silicone Tubing Set**, for suction, sterilizable

U 29



Spare Parts



27500
LUER-Lock Tube
Connector, male,
tube diameter 9 mm

59351111018
LUER-Lock Connector,
male



20300180
Tubing Connector Set



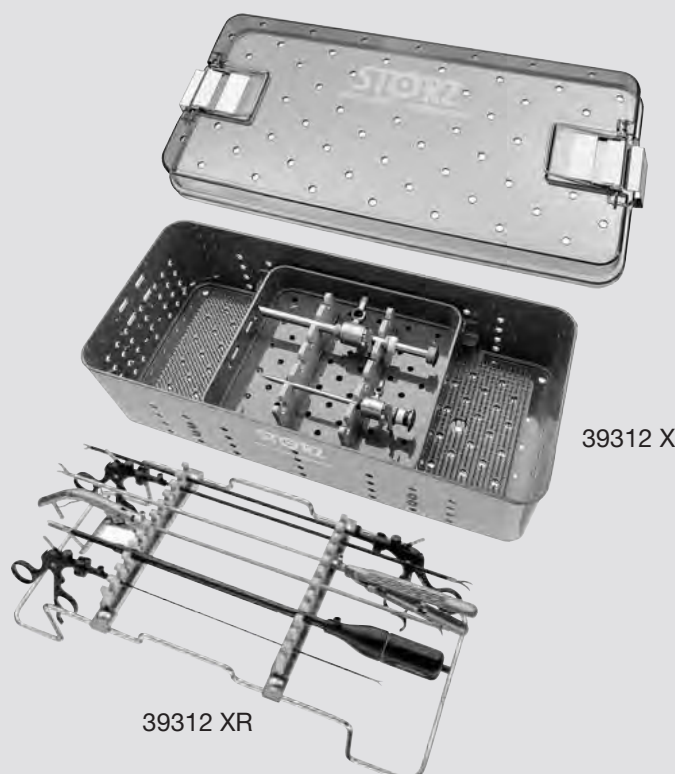
Optional Accessories

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 Irrigation Liquid Bottle , 1 l, sterilizable	-	-	•
	20 3000 50 Suction Bottle , 5 l, sterilizable	•	-	•
	20 3000 34 Bottle Cap , for suction bottles 1.5 l and 5 l, sterilizable	•	-	•
	20 3000 32 Bottle Stand , for suction bottle 5 l	•	-	•
	20 3000 33 Bottle Stand Holder , for Bottle Stand 20 3000 32	•	-	•
	20 0142 30 One-Pedal Footswitch , digital, two-stage, for activating a higher flow for improved visibility	-	•	-
	20 0141 30 One-Pedal Footswitch , digital, one-stage, for irrigation	-	•	-
	20 3004 82 Connector Set , for ENDOMAT® LC, for use with Silicone Tubing Sets 20 3303 40, 20 3303 41 and 20 3303 43	-	•	-
	20 3303 82 Pump Tube , sterilizable, package of 25	-	•	-

SUCTION AND IRRIGATION SYSTEMS

Plastic Containers for Sterilization and Storage of Instruments



39312 X

Plastic Container for Sterilization and Storage, with removable Instrument Rack 39312 XR and insert tray for storage of up to 12 instruments with diameter 2.5 to 10 mm and up to 6 trocars, perforated, with transparent lid, external dimensions (w x d x h): 532 x 254 x 165 mm

39312 XR

Instrument Rack for Storage of up to 12 instruments with diameter 2.5 to 10 mm, including 2 bars with silicone holders



39312 B

39312 B

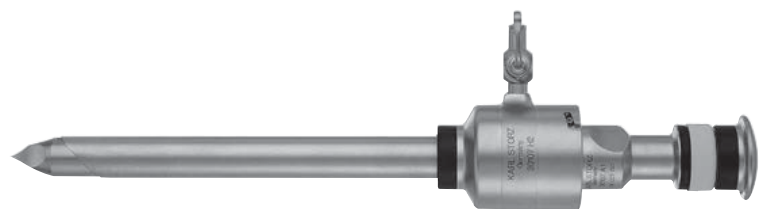
Plastic Container for Sterilization and Storage, perforated, with transparent lid and silicone mat, for use with up to 15 instruments with working length up to 43 cm, external dimensions (w x d x h): 680 x 325 x 155 mm

Please note: The instruments displayed are not included in the plastic containers.

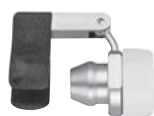
CADIERE Requirements on Laparoscopic Instruments

Trocars

- Should be simple to use and as slimline as possible.
- Should be airtight and allow good sliding of the instruments.
- Should be easy to introduce into the abdomen.
- A reducer is necessary for the use of a 5 mm instrument through a 13 mm trocar, in order to maintain the pneumoperitoneum.



30160 AP	Trocar , with pyramidal tip, insufflation stopcock, automatic valve, size 6 mm, working length 10.5 cm, color code: black, including: Cannula , without valve Trocar only Automatic Valve
30103 AP	Same , size 11 mm, color code: green
30107 AP	Same , size 13 mm, working length 11.5 cm, color code: black



30141 HB	Reducer , 13/5 mm and 13.5/5 mm
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ENDOFLATOR® 50 and S-PILOT® for Insufflation and Smoke Evacuation Management

The ENDOFLATOR® 50 can be used in transanal treatments and endoscopic vessel harvesting. It can be combined with the S-PILOT® system that regulates the suction and filtration of surgical smoke during endoscopic interventions.

- Gas flow up to 50 l/min in combination with KARL STORZ HiCap® trocars
- Gas heating to body temperature
- With two insufflation modes for high flow and pediatric applications
- Secuvent® safety system for reducing any intracavitary overpressure that may occur
- Communication with the IMAGE1 S™ camera platform for control from the sterile field
- Procedure list: Own procedures can be saved and named (pressure: xx mmgh, flow: xx l/min)



UI500S1	ENDOFLATOR® 50 SCB , with integrated SCB module, power supply 100-240 VAC, 50/60 Hz including: SCB Connecting Cable , length 100 cm Universal Wrench Heated Insufflation Tubing Set , with gas filter, sterile, for single use, package of 10	STERILE 
UP501S1	S-PILOT® , including footswitch, power supply 100-240 VAC, 50/60 Hz including: One-Pedal Footswitch Tubing Set Suction , sterile, for single use, package of 10 SCB Connecting Cable , length 100 cm	STERILE 
031210-10	Insufflation Tubing Set with Gas Filter , length 300 cm, heatable, hydrophobic on both sides, sterile, for single use, package of 10, for use with ENDOFLATOR® 50	STERILE 
031447-10	Tubing Set for Smoke, Gas and Fluid Suction , with connector for second suction tube, sterile, for single use, package of 10, for use with S-PILOT®, for laparoscopy	STERILE 
031111-10	Smoke Evacuation Filter , unsterile, for single use, package of 10	
UP004	S-PILOT® Connecting Cable , diameter 3.5 mm, length 300 cm, for use with AUTOCON® III 400, ConMed System 2450 or 5000	
UP005	S-PILOT® Connecting Cable , diameter 2.5 mm, length 300 cm, for use with Valleylab Force Triad or Valleylab Force FX	



Catalog: Product View

Product Details

Occurrences

UP 501S1

UP 501



20014130

S-PILOT®, including footswitch, power supply 100 – 240 VAC, 50/60 Hz consisting of:

UP 501

20014130

031447-03

20090170

S-PILOT®

One-Pedal Footswitch

Tubing Set Suction, sterile, for single use, package of 5

SCB Connecting Cable, length 100 cm

Image View – UP 501



Close

Image View – 031447-03



Close

Image View – 20090170



Close

Image View – 20014130



Close

Search

up501s1

Find

Tree

Table

Product (Hits: 1)

S-PILOT®

UP 501S1

Minimally Invasive Lateral Skull Base Microsurgery – Basic Set

32–35 37–39

Expanded Endonasal Approach in Ventral Skull Base Surgery – Basic Set

40–46

Endoscopic Pituitary and Skull Base Surgery – Basic Set (Fig. 1)

47

Endoscopic Pituitary and Skull Base Surgery – Basic Set (Fig. 2)

48

Smoke Evacuation

Tubing Set

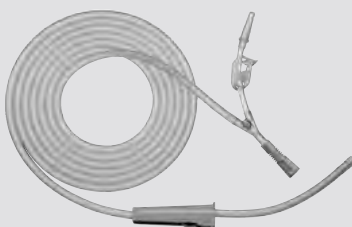


STERILE 

Special Features:

- Connector for second suction tube for parallel suction of fluids
- Roller clamp for regulating the suction pressure of smoke and gas

For use with S-PILOT®



031447-10

031447-10 **Tubing Set for Smoke, Gas and Fluid Suction**, with connector for second suction tube, sterile, for single use, package of 10, for use with S-PILOT®, for laparoscopy

Smoke Evacuation

Smoke Evacuation Filter



Special Features:

- Filtration rate up to 99.9999 %
- Reduces the risk of viruses, bacteria and harmful particles for the patient and the surgical team



For use with S-PILOT®



031111-10

031111-10 **Smoke Evacuation Filter**, unsterile,
for single use, package of 10