




# Catalog Karl Storz

## Accessories

	TC100EN*	<p><b>TELECAM C3</b></p> <p>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:</p> <p><b>Mains Cord</b>, length 300 cm  <b>DVI-D Connecting Cable</b>, length 300 cm  <b>USB Flash Drive</b>, 32 GB  <b>USB Silicone Keyboard</b>, with touchpad, US</p>
	TH110	<p><b>IMAGE1 S™ HX</b></p> <p>One-chip FULL HD camera head, 50/60 Hz, fixed focus, progressive scan, soakable, gas- and plasma-sterilizable, focal length <math>f = 16</math> mm, 2 freely programmable camera head buttons, for use with IMAGE1 S™ X-LINK TC301, TELE PACK+ TP101 and TELECAM C3 TC100</p>
	TH111	<p><b>IMAGE1 S™ HX-P</b></p> <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 <math>f = 16</math> mm, 2 freely programmable camera head buttons, for use with IMAGE1 S™ X-LINK TC301, TELE PACK+ TP101 and TELECAM C3 TC100</p>

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

# LED Cold Light Fountains

POWER LED 175 SCB, LED NOVA 150



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

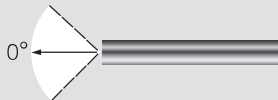
## Specifications:

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

**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

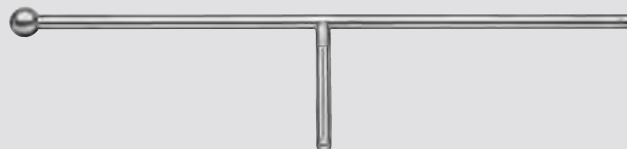
**Fiber Optic Light Cable**, diameter 4.8 mm, length 300 cm

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

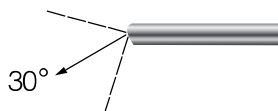
**VITOM® 25 Distance Rod**, length 25 cm

**HOPKINS® Telescopes**

Diameter 3.3 mm



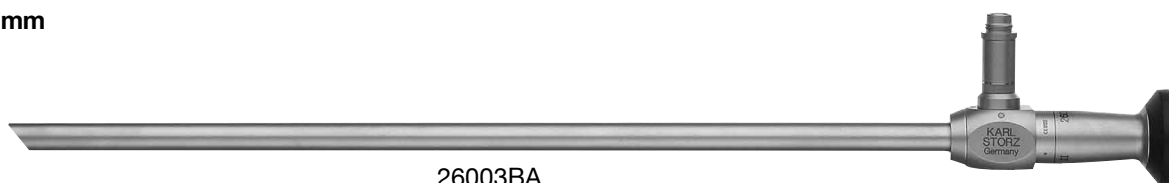
26007BA



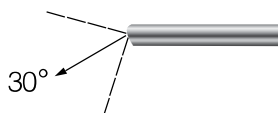
26007BA

**HOPKINS® Forward-Oblique Telescope 30°**, enlarged view, diameter 3.3 mm, length 25 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red

Diameter 10 mm

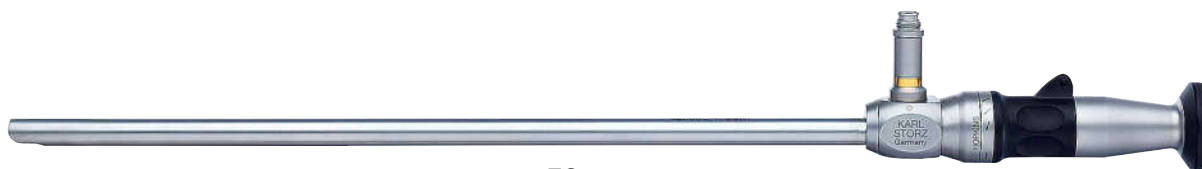


26003BA

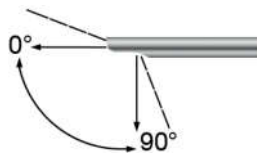


26003BA

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



26003 EC



26003EC

**ENDOCAMELEON® HOPKINS® Telescope**, diameter 10 mm Ø, length 31 cm, **autoclavable**, variable direction of view from 0°–90°, adjustment knob for selecting the desired direction of view, fiber optic light transmission incorporated, color code: gold



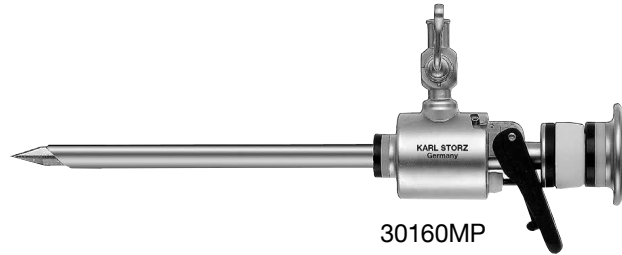
533TVB

**Adaptor, autoclavable**, permits telescope changing under sterile conditions

It is recommended to check the suitability of the product for the intended procedure prior to use.

## Trocars and Accessories

### Size 6 mm



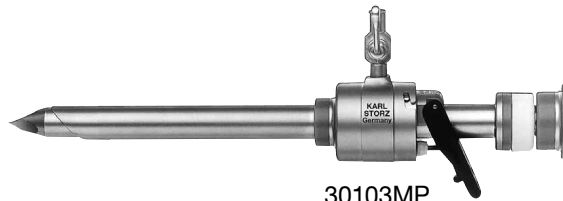
30160MP



30160MP

**Trocar**, with pyramidal tip, with insufflation stopcock, size 6 mm, working length 10.5 cm, color code: black, including:  
**Cannula**, without valve  
**Trocar only**  
**Multifunctional Valve**

### Size 11 mm



30103MP

30103MP

**Trocar**, with pyramidal tip, with insufflation stopcock, size 11 mm, working length 10.5 cm, color code: green, including:  
**Cannula**, without valve  
**Trocar only**  
**Multifunctional Valve**



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

# Trocars

Size 13.5 mm

For use with linear staplers



<b>Size:</b>		<b>13.5 mm</b>
Working length:		11.5 cm
Color code:		blue
	<b>Trocar, with conical tip</b> including: <b>Cannula</b> <b>Trocar only</b> <b>Multifunctional Valve</b>	<b>30108 MC</b>  30108 H2 30108 C 30108 M1
	<b>Trocar, with pyramidal tip</b> including: <b>Cannula</b> <b>Trocar only</b> <b>Multifunctional Valve</b>	<b>30108 MP</b>  30108 H2 30108 P 30108 M1
	<b>Trocar, with blunt tip</b> including: <b>Cannula</b> <b>Trocar only</b> <b>Multifunctional Valve</b>	<b>30108 MA</b>  30108 H2 30108 A 30108 M1

HEINKEL-SEMM **Dilation Set**, see page 78  
**Accessories for Trocars** see pages 76-77


## Dissecting and Grasping Forceps

**CLICKLINE®** – rotating, dismantling,  
insulated, with connector pin for unipolar coagulation  
size 5 mm, trocar size 6 mm

Working Length		Handle 33151	Handle 33152	Handle 33153	Handle 33156
30 cm					
36 cm					
43 cm					

### Double-action jaws


Working Insert No.	Catalog number of the complete instrument			
33210ML	33251ML	33252ML	33253ML	33256ML
33310ML	33351ML	33352ML	33353ML	33356ML
33410ML	33451ML	33452ML	33453ML	33456ML



**CLICKLINE® Dissecting and Grasping Forceps, long**

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33210AF	33251AF	33252AF	33253AF	33256AF
33310AF	33351AF	33352AF	33353AF	33356AF
33410AF	33451AF	33452AF	33453AF	33456AF



**CLICKLINE® Grasping Forceps, atraumatic, fenestrated**

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33310DF	33351DF	33352DF	33353DF	33356DF
33410DF	33451DF	33452DF	33453DF	33456DF




**CLICKLINE® Dissecting and Grasping Forceps, atraumatic**

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### Ein Maulteil beweglich:

33210ON	33251ON	33252ON	33253ON	33256ON
33310ON	33351ON	33352ON	33353ON	33356ON
33410ON	33451ON	33452ON	33453ON	33456ON



**CLICKLINE® Grasping Forceps, with fine atraumatic serration, fenestrated**

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### Please note:

For **CLICKLINE®** instruments only the **individual component parts** are numbered. The catalog number for the **complete instrument** is not on the instrument. Instruments with **insulated handles with connector pin** for unipolar coagulation, are shown against the **red** background. The colour **green** indicates the inserts.

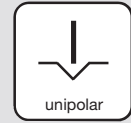
# Dissecting and Grasping Forceps

CLICK<sup>line</sup> – 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 R	33251 R	33252 R	33253 R	33256 R	33221 R	33225 R	33249 R
33310 R	33351 R	33352 R	33353 R	33356 R	33321 R	33325 R	33349 R
33410 R	33451 R	33452 R	33453 R	33456 R	33421 R	33425 R	33449 R



CLICK<sup>line</sup> Dissecting and Grasping Forceps, right-angled

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



CLICK<sup>line</sup> REDDICK-OLSEN Dissecting and Grasping Forceps, robust

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

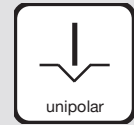


CLICK<sup>line</sup> Dissecting and Grasping Forceps, "alligator jaws"

5 mm

# 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

5 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



CLICK*liné* 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



CLICK*liné* 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



CLICK*liné* Dissecting and Grasping Forceps, "dolphin nose"

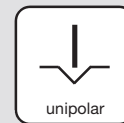
33210 KJ	33251 KJ	33252 KJ	33253 KJ	33256 KJ	33221 KJ	33225 KJ	33249 KJ
33310 KJ	33351 KJ	33352 KJ	33353 KJ	33356 KJ	33321 KJ	33325 KJ	33349 KJ
33410 KJ	33451 KJ	33452 KJ	33453 KJ	33456 KJ	33421 KJ	33425 KJ	33449 KJ



CLICK*liné* REDDICK-OLSEN Dissecting and Grasping Forceps

# 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						

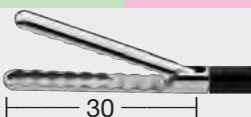
## Single action jaws

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

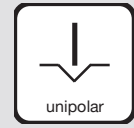
33210 CC	33251 CC	33252 CC	33253 CC	33256 CC	33221 CC	33249 CC
33310 CC	33351 CC	33352 CC	33353 CC	33356 CC	33321 CC	33349 CC
33410 CC	33451 CC	33452 CC	33453 CC	33456 CC	33421 CC	33449 CC



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 channel and trocars size 6 mm

5 mm

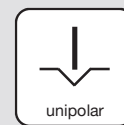
Length	Handle						
	33151	33152	33153	33156	33121	33125	33149
36 cm							
43 cm							

## Single action jaws

Working Insert	Complete Instrument						
33310 BB	33351 BB	33352 BB	33353 BB	33356 BB	33321 BB	33325 BB	33349 BB
33410 BB	33451 BB	33452 BB	33453 BB	33456 BB	33421 BB	33425 BB	33449 BB
	CLICK <i>liné</i> BABCOCK Grasping Forceps, atraumatic, jaws with multiple teeth, fenestrated, long						
33310 AA	33351 AA	33352 AA	33353 AA	33356 AA	33321 AA	33325 AA	33349 AA
	CLICK <i>liné</i> MOURET Grasping Forceps, atraumatic, fenestrated, slender						
33310 AB	33351 AB	33352 AB	33353 AB	33356 AB	33321 AB	33325 AB	33349 AB
	CLICK <i>liné</i> MOURET Grasping Forceps, atraumatic, fenestrated, round jaws, slender						
33310 MA	33351 MA	33352 MA	33353 MA	33356 MA	33321 MA	33325 MA	33349 MA
	CLICK <i>liné</i> 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

5 mm

Length	Handle						
	33151	33152	33153	33156	33121	33125	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	33325 M	33349 M



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**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	33325 FM	33349 FM
33410 FM	33451 FM	33452 FM	33453 FM	33456 FM	33421 FM	33425 FM	33449 FM



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**CLICK'linē Claw Forceps**, 2 x 3 teeth

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



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**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	33225 MG	33249 MG
33310 MG	33351 MG	33352 MG	33353 MG	33356 MG	33321 MG	33325 MG	33349 MG
33410 MG	33451 MG	33452 MG	33453 MG	33456 MG	33421 MG	33425 MG	33449 MG



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

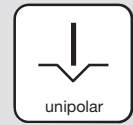
# Dissecting and Grasping Forceps

CLICK'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

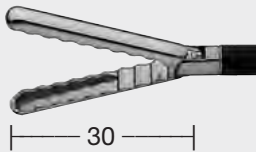
Operating instruments, length 43 cm,  
for use with telescopes with inbuilt  
working channel and trocars size 6 mm



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

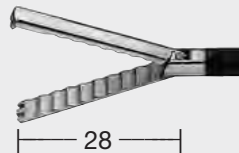
## Double action jaws

Working Insert	Complete Instrument					
33310 LFD	33351 LFD	33352 LFD	33353 LFD	33356 LFD	33321 LFD	33349 LFD
33410 LFD	33451 LFD	33452 LFD	33453 LFD	33456 LFD	33421 LFD	33449 LFD



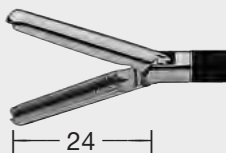
CLICK'liné Grasping Forceps, atraumatic, hollow jaws

33310 WTD	33351 WTD	33352 WTD	33353 WTD	33356 WTD	33321 WTD	33349 WTD
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CLICK'liné Grasping Forceps, atraumatic

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



CLICK'liné DeBAKEY Grasping Forceps, atraumatic

33310 CG	33351 CG	33352 CG	33353 CG	33356 CG	33321 CG	33349 CG
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CLICK'liné Dissecting and Grasping Forceps, atraumatic, hollow jaws

# Щипцы для захвата и диссекции

CLICK<sup>line</sup> – поворотные, разборные, без соединения для монополярной коагуляции

размер 10 мм

Операционные инструменты, длина 36 см, для использования с троакарами размером 11 мм

длина	рукоятка						
	33161	33162	33163	33166	33131	33146	33147
36 см		<b>НОВИНКА</b> 	<b>НОВИНКА</b> 	<b>НОВИНКА</b> 			

Обе branши подвижны

рабочая вставка	номер инструмента в сборе						
33510 UO	33561 UO	33562 UO	33563 UO	33566 UO	33531 UO	33546 UO	33547 UO
   20	<b>Пулевые щипцы CLICK<sup>line</sup> по SAWALHE, короткие</b>						
33510 UM	33561 UM	33562 UM	33563 UM	33566 UM	33531 UM	33546 UM	33547 UM
   32	<b>Пулевые щипцы CLICK<sup>line</sup> по SAWALHE</b>						
33510 UN	33561 UN	33562 UN	33563 UN	33566 UN	33531 UN	33546 UN	33547 UN
   34	<b>Захватывающие щипцы CLICK<sup>line</sup> для ткани по SAWALHE</b>						

10 мм

# Dissecting and Grasping Forceps

CLICK<sup>line</sup> – 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		<b>NEW</b> 	<b>NEW</b> 	<b>NEW</b> 			

## Double action jaws

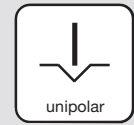
Working Insert	Complete Instrument						
33510 TH	33561 TH	33562 TH	33563 TH	33566 TH	33531 TH	33546 TH	33547 TH
 15	CLICK <sup>line</sup> Grasping Forceps, fenestrated						
33510 BC	33561 BC	33562 BC	33563 BC	33566 BC	33531 BC	33546 BC	33547 BC
 34	CLICK <sup>line</sup> BABCOCK Clamp						
33510 BLS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

10 mm

7-11

# 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




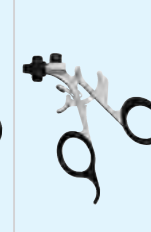

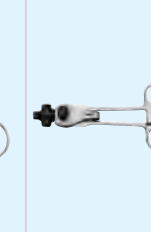
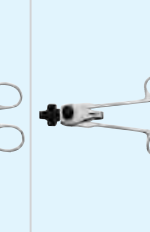
Working Insert	Complete Instrument					
33310 M	33351 M	33352 M	33353 M	33356 M	33321 M	33349 M
  —14—	<b>CLICK'linē Grasping Forceps</b> , with multiple teeth, width of jaws 3 mm, for atraumatic and accurate grasping					
33310 FM	33351 FM	33352 FM	33353 FM	33356 FM	33321 FM	33349 FM
33410 FM	33451 FM	33452 FM	33453 FM	33456 FM	33421 FM	33449 FM
  —26—	<b>CLICK'linē Claw Forceps</b> , 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
  —14—	<b>CLICK'linē Grasping Forceps</b> , 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
  —14—	<b>CLICK'linē Grasping Forceps</b> , “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,  
without connector pin for coagulation


## Size 10 mm

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

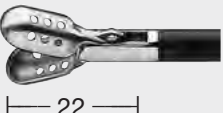
Length	Handle						
	33161	33162	33163	33166	33131	33146	33147
36 cm							

## Single action jaws

Working Insert	Complete Instrument						
33510 FK	33561 FK	33562 FK	33563 FK	33566 FK	33531 FK	33546 FK	33547 FK
	CLICK'linē Claw Forceps, 2 x 3 teeth, short						
	— 21 —						

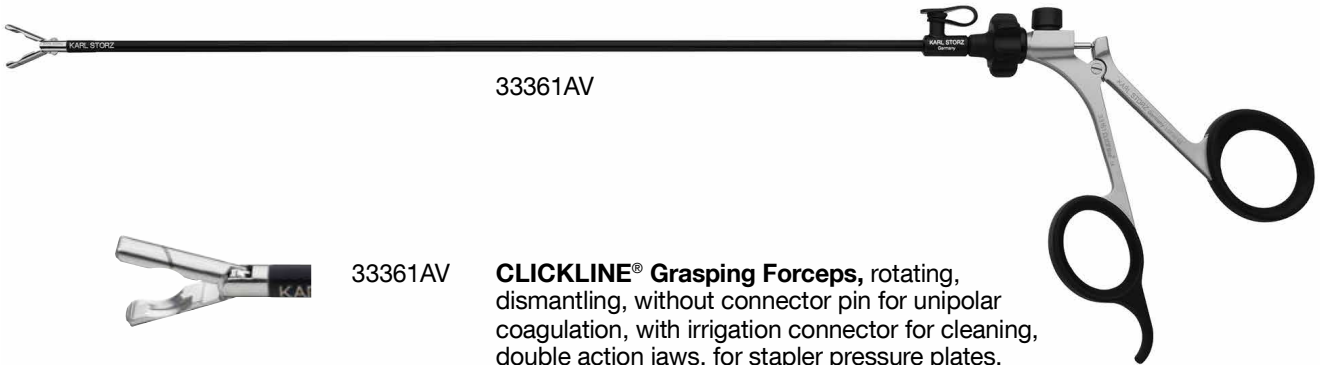
33510 FS	33561 FS	33562 FS	33563 FS	33566 FS	33531 FS	33546 FS	33547 FS
	CLICK'linē Claw Forceps, 2 x 3 teeth						
	— 35 —						

## Double action jaws

33510 SR	33561 SR	33562 SR	33563 SR	33566 SR	33531 SR	33546 SR	33547 SR
	CLICK'linē Forceps, to retrieve lost gallstones						
	— 22 —						

## CLICKLINE® Grasping Forceps and ROBI® Grasping Forceps

Size 5 mm, length 36 cm and 43 cm



33361AV



33361AV

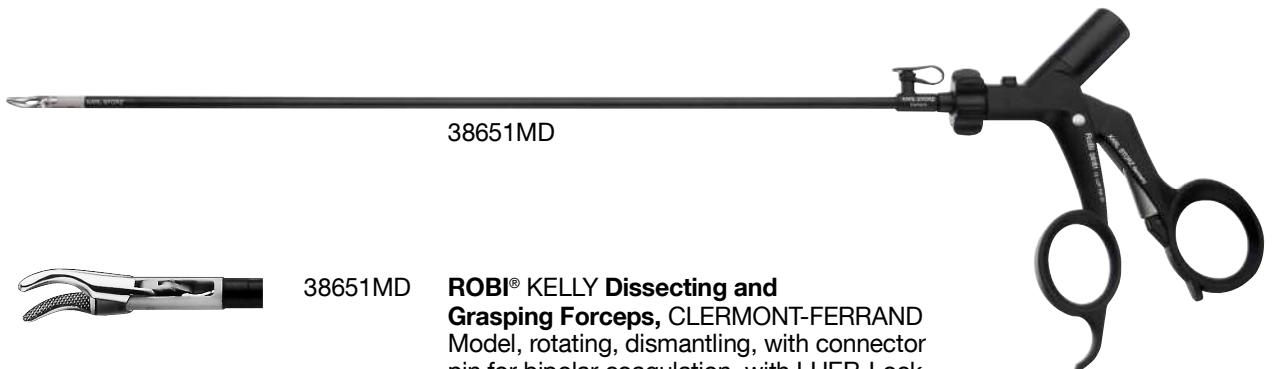
**CLICKLINE® Grasping Forceps**, rotating, dismantling, without connector pin for unipolar coagulation, with irrigation connector for cleaning, double action jaws, for stapler pressure plates, size 5 mm, length 36 cm,

including:

**Metal Handle**, with hemostat style ratchet, with larger contact area

**Outer Sheath**, insulated

**Forceps Insert**



38651MD



38651MD

**ROBI® KELLY Dissecting and Grasping Forceps**, CLERMONT-FERRAND Model, rotating, dismantling, with connector pin for bipolar coagulation, with LUER-Lock irrigation connector for cleaning, double action jaws, size 5 mm, length 36 cm,

including:

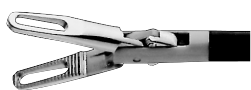
**Ring Handle**, without ratchet, with larger contact area

**Metal Outer Sheath**, insulated

**Forceps Insert**

38751MD

**Same**, length 43 cm



38651ON

**ROBI® Grasping Forceps**, CLERMONT-FERRAND Model, rotating, dismantling, with connector pin for bipolar coagulation, with LUER-Lock irrigation connector for cleaning, double action jaws, fenestrated, with serration, size 5 mm, length 36 cm,

including:

**Ring Handle**, without ratchet, with larger contact area

**Metal Outer Sheath**, insulated

**Forceps Insert**

38751ON

**Same**, length 43 cm



## ROBi® Bipolar Grasping Forceps

rotating, 3-part, dismantling, with connector pin for bipolar coagulation, CLERMONT-FERRAND model



### Size 5 mm

Operating instruments, **lengths 36 cm and 43 cm**, for use with trocars size 6 mm

Outer Sheath	Handle
	38151
Length 36 cm	
Length 43 cm	

### Double action jaws

Working Insert	Complete instrument
38610ON	38651ON
38710ON	38751ON
   18 mm	<b>ROBi® Grasping Forceps</b> , CLERMONT-FERRAND model, fenestrated, with fine atraumatic serration
38610WA	38651WA
   19 mm	<b>ROBi® WATTIEZ Grasping Forceps</b> , CLERMONT-FERRAND model, for atraumatic and accurate grasping
38610MD	38651MD
38710MD	38751MD
   19 mm	<b>ROBi® KELLY Dissecting and Grasping Forceps</b> , CLERMONT-FERRAND model
38610ML	38651ML
   24 mm	<b>ROBi® KELLY Dissecting and Grasping Forceps</b> , CLERMONT-FERRAND model, long

| — | Jaw length in mm (approximate measurements)

### Please note:

For instruments 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**.






# Skull Base and Endoscopic Pituitary Surgery

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

## Bipolar High Frequency Cords



KARL STORZ High Frequency  
Instrument Surgical Units

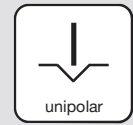
	<p>26176 LE</p> <p><b>Bipolar High Frequency Cord</b>, for AUTOCON® II 400 SCB system (111, 113, 115, 122, 125), AUTOCON® II 200, AUTOCON® II 80, KARL STORZ Coagulator 26021 B/C/D, 860021 B/C/D, 27810 B/C/D, 28810 B/C/D, AUTOCON® system (50, 200, 350), Erbe-Coagulator, T and ICC series, length 300 cm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

8-08

High Frequency Surgical Units AUTOCON® see chapter 12

# Scissors

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



## Size 5 mm

Operating instruments, lengths 30, 36 and 43 cm,  
for use with trocars size 6 mm

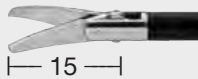
Operating instruments, length 43 cm,  
for use with telescopes with inbuilt  
working channel and trocars size 6 mm

5 mm

Length	Handle						
	33151	33121	33125	33149	33161	33131	33147
30 cm							
36 cm							
43 cm							

## Double action jaws

Working Insert	Complete Instrument						
34210 MS	34251 MS	34221 MS	34225 MS	34249 MS	34261 MS	34231 MS	34247 MS
34310 MS	34351 MS	34321 MS	34325 MS	34349 MS	34361 MS	34331 MS	34347 MS
34410 MS	34451 MS	34421 MS	34425 MS	34449 MS	34461 MS	34431 MS	34447 MS



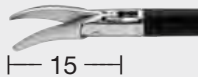
CLICK'line® METZENBAUM Scissors, curved

34210 MA	34251 MA	34221 MA	34225 MA	34249 MA	34261 MA	34231 MA	34247 MA
34310 MA	34351 MA	34321 MA	34325 MA	34349 MA	34361 MA	34331 MA	34347 MA
34410 MA	34451 MA	34421 MA	34425 MA	34449 MA	34461 MA	34431 MA	34447 MA



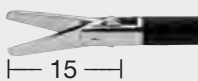
CLICK'line® Scissors, serrated blades, spoon-shaped, curved

34210 MW	34251 MW	34221 MW	34225 MW	34249 MW	34261 MW	34231 MW	34247 MW
34310 MW	34351 MW	34321 MW	34325 MW	34349 MW	34361 MW	34331 MW	34347 MW
34410 MW	34451 MW	34421 MW	34425 MW	34449 MW	34461 MW	34431 MW	34447 MW



CLICK'line® Scissors, serrated, curved, conical

34210 MD	34251 MD	34221 MD	34225 MD	34249 MD	34261 MD	34231 MD	34247 MD
34310 MD	34351 MD	34321 MD	34325 MD	34349 MD	34361 MD	34331 MD	34347 MD



CLICK'line® Scissors, straight

# Scissors

CLICK'linē – 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'linē 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'linē 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'linē 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'linē 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 26775 UF 26778 UF <b>Coagulation and Dissection Electrode, L-shaped</b>
	26775 UE 26778 UE <b>Coagulation and Dissection Electrode, spatula-shaped, blunt</b>
	26775 S <b>Coagulation and Dissection Electrode, knife-shaped</b>
	26775 R <b>MANGESHIKAR Coagulation Electrode, with ball end</b>

### 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 26775 CL <b>CADIERE Coagulation and Dissection Electrode, L-shaped, with cm-marking, distal tip tapered</b>

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

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



Item no: 26005M

## Unipolar High Frequency Cord, 300 cm

Quantity:

On the offer list 

Technical details

Documents & Films

Product group / field of application

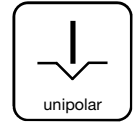
Number of poles	Unipolar
Connection on the unit side	KARL STORZ / Erbe plug, diameter 5 mm
Length	300 cm
RFID coding system	No
Connection on the instrument side	For CLICKLINE instruments LAP, diameter 4 mm

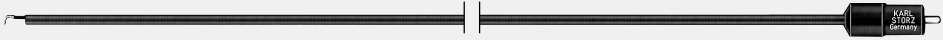
## Coagulation and Dissection Electrodes



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

### Size 5 mm

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



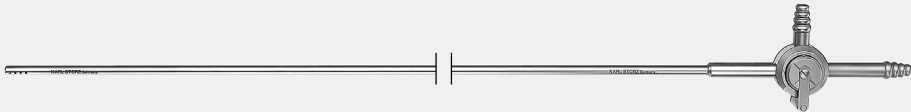
Length	Instrument
43 cm	


Distal Tip	Instrument
	26778UF <b>Coagulation and Dissection Electrode, L-shaped</b>
	26778UE <b>Coagulation and Dissection Electrode, spatula-shaped, blunt</b>

## Suction and Irrigation Tube

### Size 5 mm

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

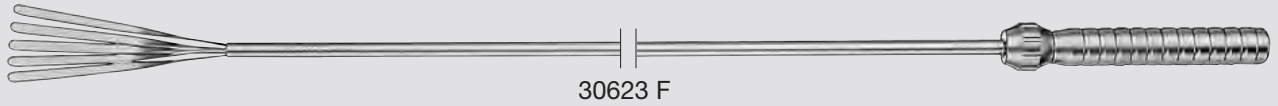
Length	Instrument
43 cm	

Distal End	Instrument
	26174BN <b>Suction and Irrigation Tube, anti-reflex surface, with lateral holes, with two-way stopcock for single-hand control</b>

## Fan Retractors

### Size 5 mm

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

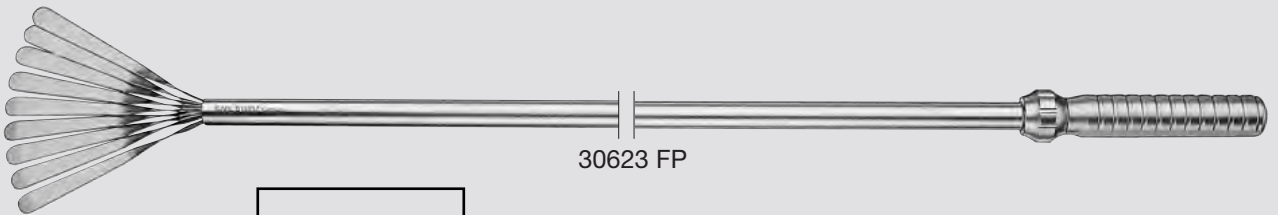


30623 F

**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°

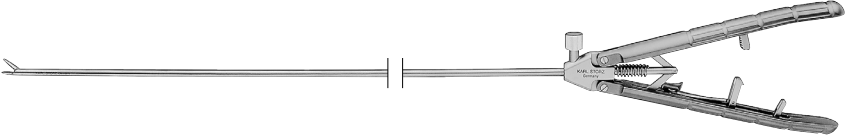
Components/Spare Parts see chapter 18




### KOH Macro Needle Holder

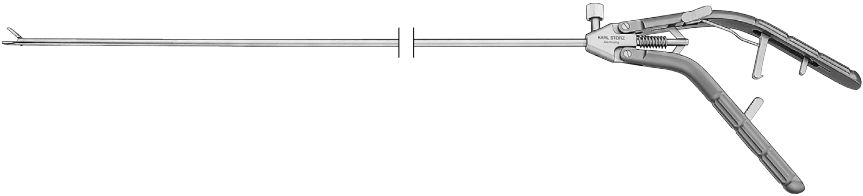
size 5 mm




Multiple puncture approach

Operating instrument, length 33 cm,  
for use with trocars size 6 m

Working Length	Instrument
33 cm	
43 cm	

Distal End	Instrument	
	26173KAF	KOH <b>Macro Needle Holder</b> , with tungsten carbide insert, axial handle with disengageable ratchet, ratchet position right, jaws straight
	26178KAF	
	26173KAL	KOH <b>Macro Needle Holder</b> , with tungsten carbide insert, axial handle with disengageable ratchet, ratchet position right, jaws curved to left
	26178KAL	
	26173KAR	KOH <b>Macro Needle Holder</b> , with tungsten carbide insert, axial handle with disengageable ratchet, ratchet position left, jaws curved to right
	26178KAR	

Working Length	Instrument
33 cm	
43 cm	

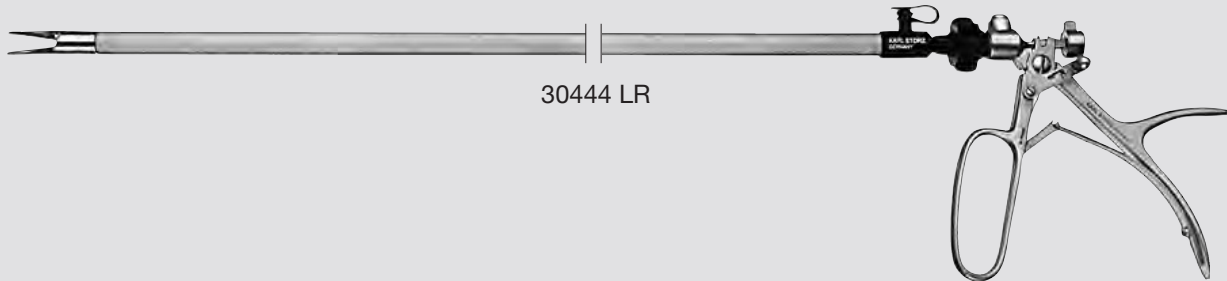
Distal End	Instrument	
	26173KPF	KOH <b>Macro Needle Holder</b> , with tungsten carbide insert, pistol handle with disengageable ratchet, ratchet position left, jaws straight
	26178KPF	
	26173KPL	KOH <b>Macro Needle Holder</b> , with tungsten carbide insert, pistol handle with disengageable ratchet, ratchet position left, jaws curved to left
	26178KPL	
	26173KPR	KOH <b>Macro Needle Holder</b> , with tungsten carbide insert, pistol handle with disengageable ratchet, ratchet position right, jaws curved to right
	26178KPR	

# 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

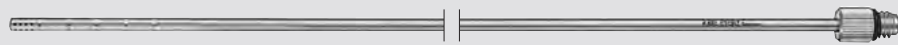


Operating instruments, lengths 20 and 36 cm,  
for use with trocars size 3.5 mm

Length	Instrument	
20 cm		
36 cm		
Distal End	Instrument	
	26167 ANS	<b>Suction and Irrigation Tube</b> , 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	<b>Suction and Irrigation Tube</b> , with lateral holes
	37360 LH	
	37460 LH	
	37360 SC	<b>Suction and Irrigation Tube</b>
	37360 CP	<b>Suction and Irrigation Tube</b> , for puncture and suction of cysts

**Please note:**

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

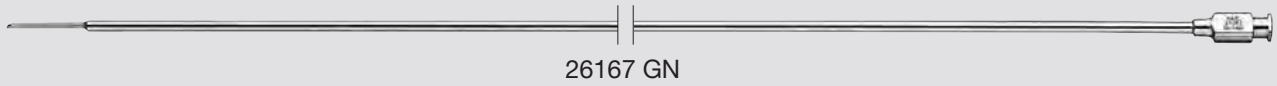
**Units for use with Handles for Suction and Irrigation** see chapter 17, UNITS

**Components/Spare Parts** see chapter 18

## Needles, Cannula

### Size 3.5 mm

Operating instruments, **length 30 cm**,  
for use **with trocars size 3.5 mm**

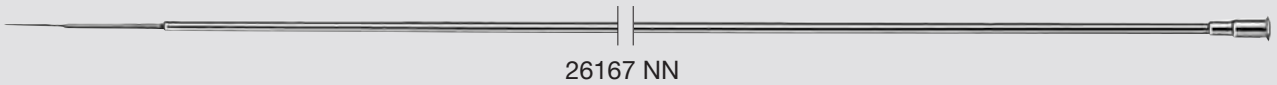


26167 GN



26167 GN  
**NEW**

**MENGHINI Liver Biopsy Needle**, LUER-Lock,  
size 3.5 mm, needle diameter 1.6 mm, length 30 cm



26167 NN



26167 NN  
**NEW**

**KOH Ultramicro Injection Cannula**,  
size 3.5 mm, length 30 cm

### 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	Instrument
36 cm	
43 cm	

Distal End	Instrument	
	26175 G	<b>MENGHINI Liver Biopsy Needle</b> , LUER-Lock, diameter 1.6 mm
	26178 G	
	26175 PD	<b>Injection Needle</b> , LUER-Lock, diameter 0.8 mm
	26175 P	<b>Injection Needle</b> , LUER-Lock, diameter 1.2 mm
	26178 P	
	26175 R	<b>Puncture Needle</b> , LUER-Lock, diameter 1.6 mm
	26178 R	

8-924

	<p>TM220</p>	<p><b>27" FULL HD Monitor</b></p> <p>Screen resolution 1920 x 1080, image format 16:9, power supply 100-240 VAC, 50/60 Hz, 5 V DC (1 A), wall mount with VESA 100 adaptor</p> <p>Video inputs: 2x DVI, 3G-SDI, VGA, S-Video, Composite,</p> <p>Video outputs: DVI, 3G-SDI, Composite,</p> <p>including:</p> <p><b>External 24 VDC Power Supply</b> <b>Mains Cord</b> <b>Cable Cover</b> 4x <b>Mounting Screws M4</b></p>
	<p>WM100</p>	<p><b>21.5" KARL STORZ Touch Screen</b></p> <p>Screen resolution 1920 x 1080, image format 16:9, video inputs: DVI-I, DVI-D, Display Port 1.2 compliant, VGA, connectors: USB-B touch connector (called "USB touch" on I/O label), RS232 (D-Sub) touch connector (called "RS232 touch" on I/O label), RJ45 serial communication connector, power supply 100-240 VAC, 50/60 Hz, IP protection class IPX2, touch control with latex gloves, wall mount with VESA 100 adaptor, including:</p> <p><b>External 24 VDC Power Supply</b> <b>Mains Cord</b> <b>Potential Equalization Bolt</b> <b>Cable Cover,</b> <b>Instruction Manual,</b> print version in English and other languages on USB flash drive</p>



Item no: TM220

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## 27" FULL HD Monitor

Quantity:

- 1 +

On the offer list

Scope of delivery

- ET60-05P25418A2 Cable Cover (1)
- 9826PS Monitor Power Supply (1)
- ET60-05P25184A2 Screw (1)

Product details

- Coordinated parameters for an optimal imaging chain in conjunction with the IMAGE1 S™ camera system
- Good durability thanks to special tempered safety glass
- Optimal hygiene properties due to enclosed glass surface that allows quick and easy wipe disinfection

Technical details	Documents & Films	Product group / field of application
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Screen diagonal	27"
Monitor type	FULL HD monitor
Resolution	1920 x 1080 px
Aspect ratio	16:9
Contrast ratio	1000:1
Brightness	900 cd/m²
Viewing angle (2D)	178°
DC output	5V / 1A
RS-232C	1
USB type	USB B
Power supply	100 – 240 VAC
Line frequency	50/60 Hz
Width	660 mm
Height	400 mm
Depth	87 mm
Weight	8.5 kg
3G-SDI input	1
3G-SDI output	1
VGA input	1
S-Video input	1
Component input	1
DVI-D input	2
DVI-D output	1
Component output	1
GPI output	1
S-Video output	1
VESA mount	100 x 100 mm
Power supply type	External
Power supply voltage	24 V
Power consumption	72 Watt
Zoom function	Yes
Picture-in-Picture	Yes
Wipe disinfection	Yes
IP protection class front	IP32
IP protection class rear	IP32



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

## CO<sub>2</sub> 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 CO<sub>2</sub> Bottle Holder UG609

UG609 **Bottle Holder**, for CO<sub>2</sub> bottles, max. diameter 210 mm, dimensions in mm (w x h x d): 230 x 280 x 210, for use with Equipment Carts UGxxx

## Suction Canister Holder for COR Mobile Stand



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

## Footswitch Holders



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

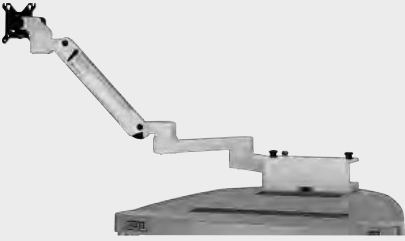

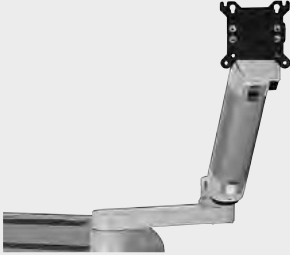
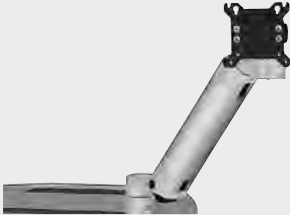
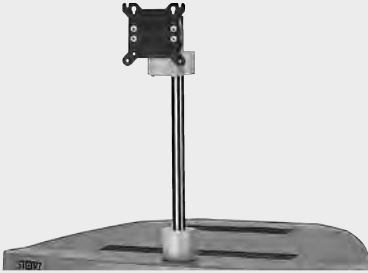



29005DFH **Footswitch Holder**, for two- and three-pedal footswitches



## Camera Head Holder

29005KHN **Camera Holder**, for mounting camera heads, with removable inserts, compatible with all KARL STORZ endoscopic camera heads, for mounting to equipment rails

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

**ENDOFLATOR® 40 with KARL STORZ SCB**  
with High Flow Insufflation (40 l/min.)

UI400S1

**ENDOFLATOR® 40 SCB,**  
Set, with integrated SCB module,  
power supply 100 - 240 VAC, 50/60 Hz  
including:

**ENDOFLATOR® 40**  
**Mains Cord**, length 300 cm  
**SCB Connecting Cable**, length 100 cm  
**Universal Wrench**

**Insufflation Tubing Set**, with gas filter, sterile,  
for single use, package of 5\*

**Subject to the customer's application-specific requirements additional accessories must be ordered separately.**

\* This product is marketed by **mtp**.  
For additional information, please apply to:



mtp medical technical promotion gmbh,  
Take-Off Gewerbepark 46,  
D-78579 Neuhausen ob Eck, Germany

**HAMOU® ENDOMAT® with KARL STORZ SCB**  
Suction and Irrigation System

**26331101-1 HAMOU® ENDOMAT® SCB,**  
power supply 100 – 240 VAC, 50/60 Hz  
including:

**Mains Cord**  
5x **HYST Tubing Set\***, for single use  
5x **LAP Tubing Set\***, for single use  
**SCB Connecting Cable**, length 100 cm  
**VACUsafe Promotion Pack Suction\***, 2 l

**Subject to the customer's application-specific requirements additional accessories must be ordered separately.**

\* This product is marketed by **mtp**.  
For additional information, please apply to:



mtp medical technical promotion gmbh,  
Take-Off Gewerbepark 46,  
D-78579 Neuhausen ob Eck, Germany

STERILE



## Smoke evacuation filter set, for single use

The smoke evacuation filter set is used for filtration and to regulate the removal of smoke vapor generated in laparoscopic procedures in order to reduce risks for the patient and OR personnel.

- Filtration of microorganisms, particles and toxic chemical substances
- Filter efficiency of > 99.9999% for the tested sample
- Length approx. 0.5 m
- LUER-Lock connector male
- Flow rate up to 8 l/min at 15 mmHg
- Roller clamp for setting the flow rate
- Passive smoke evacuation: No additional equipment required to use the smoke evacuation filter set.
- Packing unit with 10 items

031110-10 **Smoke Evacuation Filter Set**, with 50 cm tube with male LUER-Lock, sterile, for single use, package of 10, for use with trocars with LUER-Lock connector

# Optional Accessories

for Insufflators

for use with

ENDOFLATOR® 40 SCB  
UI 400S1

ENDOFLATOR® 50 SCB  
UI 500S1

	031200-10	<b>Insufflation Tubing Set with Gas Filter</b> , 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*	<b>Same</b> , heatable	STERILE 	-	•
	031122-25	<b>Gas Filter</b> , 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	<b>Insufflation Tube</b> , sterilizable, inner diameter 9 mm, length 250 cm		•	•
	031622-10	<b>Insufflation Tubing Set with Gas Filter</b> , 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	<b>VERESS Pneumoperitoneum Needle</b> , with spring-loaded blunt inner cannula, LUER-Lock, autoclavable, diameter 2.1 mm, length 10 cm		•	•
	30103 HP	<b>HICAP® Trocar</b> , size 11 mm, color code: green		•	•

INSUFFLATORS AND SURGICAL SMOKE MANAGEMENT





Item no: UP210

## ENDOMAT SELECT

Quantity:

- 1 +

Add to My Quote List

### Scope of delivery

400A power cord, length 300 cm (1)

### Technical details

### Documents & Films

### Product group / field of application

Pump function	Suction or irrigation pump
Unit type	Roller pump
Power supply	100 – 240 VAC
Height	110 mm
Width	305 mm
Depth	260 mm
Weight	4.7 kg
Line frequency	50/60 Hz
Pressure regulated – Normal	20 – 150 mmHg
Suction flow: Software license ENDOTOUCH™ shaver	100 – 300 ml/min
Suction flow: Software license URO (RES)	100 – 1000 ml/min
Suction flow: Software license URO (CALCUSON)	300 – 1000 ml/min
Suction flow: Software license HYS	10...180 ml/min
Suction flow: Software license ART	100...1000 ml/min
Certified to	IEC 60601-1
Irrigation pressure in flow-controlled procedures	Max. 500 mmHg
Irrigation flow in flow-controlled procedures	software license SURG (LAP, THOR and PRO): 100-3500 ml/min, software license GI (GASTROENTEROLOGY): 100-1000 ml/min, Software license HNO / NEURO: 50 / 65 / 80 / 95 / 110 / 130 ml/min
Irrigation pressure in pressure-controlled procedures	20 – 150 mmHg
Irrigation flow in pressure-controlled procedures	Software license HYS and URO: max. 600 ml/min, Software license SPINE: max. 600 ml/min, Software license ART: max. 2500 ml/min
Irrigation flow (ml/min)	Accuracy (0...3500 ml/min): +/- 20 %; HYS, URO, SPINE: 200-400-600; ART: 1500-2000-2500; SURG: 100...2500 (Advanced: 100...3500); GI: 100...1000; ENT/NEURO: 50-65-80-95-110-130
Irrigation pressure (mmHg)	20-500 (The exact values can be found in the respective software license)
Brand	ENDOMAT® SELECT
Unit communication SCB	Yes
SCB connection	2
IP protection class	IP21
Electrical protection class	Protection class 1
Degree of safety	CF
Control via touch screen	Yes
Wipe disinfection	Yes
System requirements for SCB	SCB control NEO system with integrated SCB control NEO, Software Release 20090001-46 or higher
Display	TFT screen
Socket for external systems	1
Unit communication K5 HIVE®	No
Connection socket for footswitch	1
Bottle stand included	No
Power consumption	72 VA
Operative procedure	ART, CYST, PCN, URS, RES, HYS, IBS, LAP, PRO, THOR, SPINE
Suction flow (ml/min)	ENDOTOUCH™ Shaver: 100...300 ml/min
Electrical protection class	I

## UNIDRIVE® Select



UM600

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

UM601

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



UP220

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

UP611

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



UF201

**Two-Pedal Footswitch**, one-stage

UF201W

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

ET92-1414421

**Spare Part Kit**, carrying handle (2-pedal)



031531-10

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

Home page > Online Catalog - Human Medicine



Item no: 20014130

## One-pedal-Footswitch

Quantity:

Technical details

Documents & Films

Product group / field of application

One-stage / two-stage	One-stage
Cable length	310 cm
Function key	N/A
Footswitch type	One-pedal footswitch
IP protection class	IPX8




- UP210 **ENDOMAT® SELECT**, suction or irrigation pump, incl. mains cord, power supply 100-240 VAC, 50/60 Hz
- UP601 **SURGERY Software**, license, allows selection of the procedures "LAP", "THOR" and "PROCTO"
- UP602 **HYSTEROSCOPY Software**, license, allows selection of the procedure "HYS"
- UP603 **IBS® Shaver Software**, license, allows selection of the procedure "IBS® Shaver"
- UP604 **UROLOGY Software**, license, allows selection of the procedures "CYST", "PCN", "URS", "CALCUSON" and "RES"
- UP605 **ARTHROSCOPY Software**, license, allows selection of the procedures "KNEE", "HIP", "SHOULDER" and "SMALL JOINTS"
- UP606 **ENT/NEURO Software**, license, allows selection of the procedure "CLEARVISION®", for use with ENDOMAT® SELECT UP210
- UP607 **SPINE Software**, license, allows selection of the procedures "LUMBAR" and "THORACIC"
- UP610 **ADVANCED Package**, software, license, extends functions of installed software packages, for use with ENDOMAT® SELECT UP210


## CASSETTE TUBING SET for single use

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




031523-10\* **Tubing Set**, irrigation, PC<sup>1</sup>, STERILE   
sterile, for single use, package of 10,  
for use with HAMOU® ENDOMAT® 26331120 and  
ENDOMAT® SELECT UP 210




031524-10\* **Tubing Set**, irrigation, FC<sup>2</sup>, STERILE   
sterile, for single use, package of 10,  
for use with HAMOU® ENDOMAT® 26331120 and  
ENDOMAT® SELECT UP210




030647-10\* **Tubing Set**, suction, DS<sup>3</sup>, STERILE   
sterile, for single use, package of 10,  
for use with ENDOMAT® SELECT UP210



031647-10\* **Tubing Set**, suction, BS<sup>4</sup>, STERILE   
sterile, for single use, package of 10,  
for use with ENDOMAT® SELECT UP210



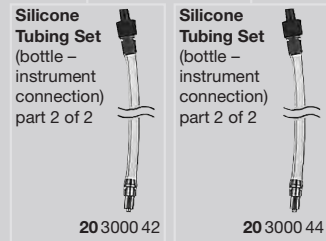
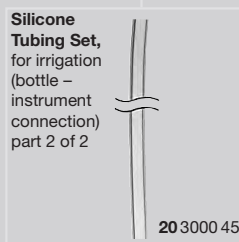
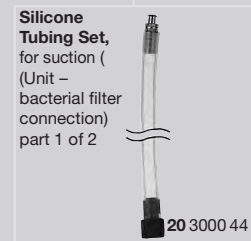
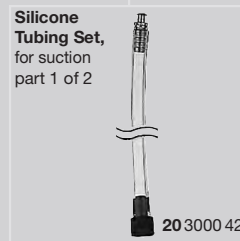
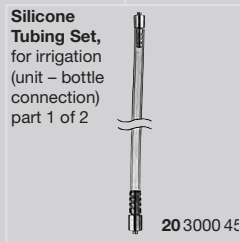
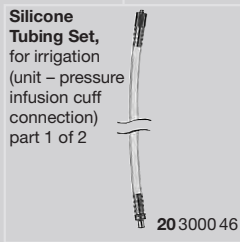
031529-10\* **Tubing Set**, irrigation, CV<sup>5</sup>, STERILE   
sterile, for single use, package of 10,  
for use with ENDOMAT® SELECT UP210



**Note:**

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

UNIT SIDE  
PATIENT SIDE



SUCTION AND IRRIGATION SYSTEMS

3-98s






# ENDOMAT® SELECT VET




Optional Accessories

SUCTION AND IRRIGATION SYSTEMS




## For use with program SURG

	031524-10*	<b>Tubing Set for Irrigation, FC</b> , sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® SCB 26 3311 20-1 and ENDOMAT® SELECT	STERILE 
	UP 007	<b>Tubing Set</b> , irrigation, FC, reusable, sterilizable	




## For use with programs ART SA and ART LA

	031523-10*	<b>Tubing Set for Irrigation, PC</b> , sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® SCB 26 331120-1 and ENDOMAT® SELECT	STERILE 
	UP 008	<b>Tubing Set</b> , irrigation, PC, reusable, sterilizable	

## For use with program SURG Direct Suction

	030647-10*	<b>Tubing Set for Suction, DS</b> , sterile, for single use, package of 10, for use with ENDOMAT® SELECT	STERILE 
	UP 009	<b>Tubing Set</b> , irrigation, DS, reusable, sterilizable	

## For use with program SURG Bottle Suction

	031647-10*	<b>Tubing Set for Suction, BS</b> , sterile, for single use, package of 10, for use with ENDOMAT® SELECT	STERILE 
	UP 010	<b>Tubing Set</b> , irrigation, BS, reusable, sterilizable	

5-16



# Optional Accessories








for Suction and Irrigation Systems

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

SUCTION AND IRRIGATION SYSTEMS

2-15

# 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.

# AUTOCON® III 400 High-End

High Frequency Surgery Units



**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)	Output frequency	350 kHz/1 MHz
Power supply	220 – 240 VAC, 50/60 Hz (UH 400, UH 400E) 100 – 127 VAC, 50/60 Hz (UH 400U, UH 400UE)	Dimensions w x h x d	447 x 177 x 457 mm
Weight	12.5 kg	Certified to	IEC 60601-1
Sockets	Unipolar sockets: 2 Bipolar sockets: 2 (can be expanded to 3)		

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

Item no: **UF902**



One-stage / two-stage

One-stage

Cable length

400 cm

Function key

With button for switchover function

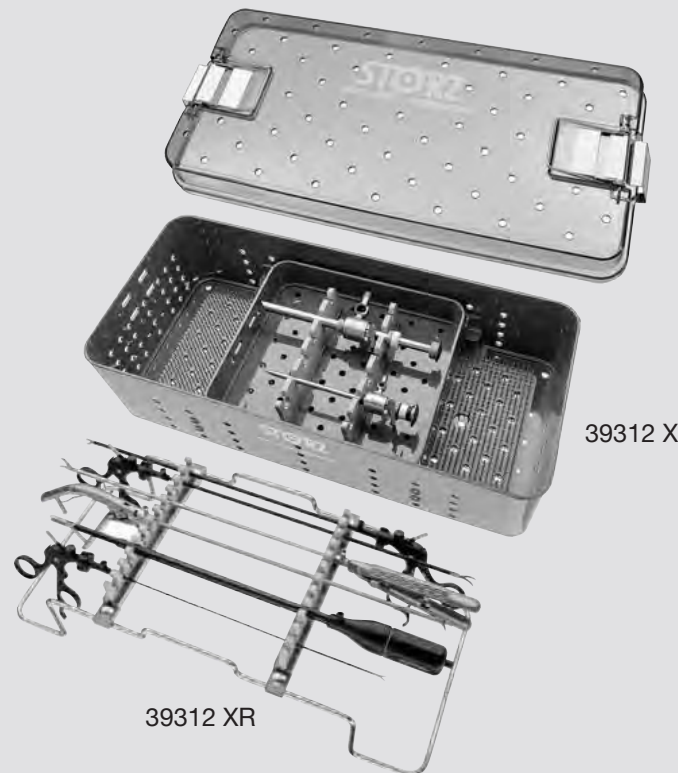
Footswitch type

Two-pedal footswitch

IP protection class

IPX8

# 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 **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.

Ø 10,0 mm, 330mm/420mm  
360° Rotatable and detachable

# Laparoscopy

## Grasping Forceps

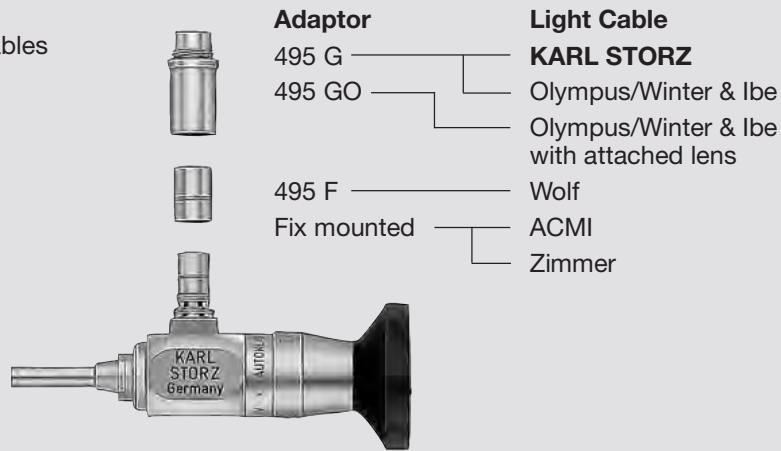


WL	Insert only	Complete	Complete
330mm 420mm	15140UI 15140UIL	15140U2 15140U2L	15140U4 15140U4L
	PENNINGTON-ALLIS (DUVAL), double action		
330mm 420mm	15142UI 15142UIL	15142U2 15142U2L	15142U4 15142U4L
	ALLIGATOR GRASPING, jaws with spoon, single action		
330mm 420mm	15143UI 15143UIL	15143U2 15143U2L	15143U4 15143U4L
	MIXTER, double action		
330mm 420mm	15144UI 15144UIL	15144U2 15144U2L	15144U4 15144U4L
	ALLIS, double action		
330mm 420mm	15145UI 15145UIL	15145U2 15145U2L	15145U4 15145U4L
	Dissecting and grasping forceps long and curved, double action		
330mm 420mm	15151UI 15151UIL	15151U2 15151U2L	15151U4 15151U4L
	BABCOCK-DE BAKEY, double action		
330mm 420mm	15154UI 15154UIL	15154U2 15154U2L	15154U4 15154U4L
	Fenestrated, round, grooved and short, double action		
330mm 420mm	15155UI 15155UIL	15155U2 15155U2L	15155U4 15155U4L
	Fenestrated, oval, double action		

# Adaptors

for Light Sources and Light Cables

HOPKINS® Telescopes with universal connector for light cables



LIGHT SOURCES

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

2-112

# Accessories

Reduction Sleeves/Extractors and Reducers

## 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 **Reducer, 6/3 mm**
- 30141 DB **Same, 11/5 mm**
- 30141 HB **Same, 13/5 mm and 13.5/5 mm**
- 30141 HE **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**

## Reducers, for use with trocars with silicone leaflet valves and TERNAMIAN EndoTIP cannulas with silicone leaflet valves



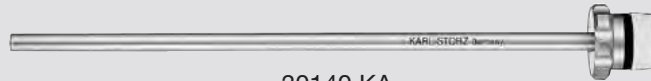
30160 RE

- 30160 RE **Reducer, 6/3 mm**
- 30103 RE **Same, 11/5 mm**

# Accessories

## Reduction Sleeves and Reducers

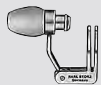
### Reduction Sleeves



30140 KA

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

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

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


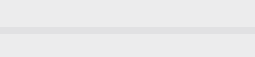

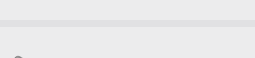

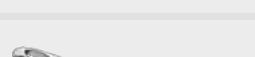

**Reducer, 11/5 mm**

# KOH Macro Needle Holders, KOH Assistant Needle Holder



Size 5 mm

Operating instruments, lengths 33 and 43 cm, for use with trocars size 6 mm

Length	Instrument
33 cm	
43 cm	

Distal Tip	Instrument
	26173 KPF KOH <b>Macro Needle Holder</b> , straight jaws, with tungsten carbide insert, pistol handle with disengageable ratchet, ratchet position left
	26178 KPF
	26173 KPL KOH <b>Macro Needle Holder</b> , jaws curved to left, with tungsten carbide insert, pistol handle with disengageable ratchet, ratchet position left
	26178 KPL
	26173 KPR KOH <b>Macro Needle Holder</b> , jaws curved to right, with tungsten carbide insert, pistol handle with disengageable ratchet, ratchet position right
	26178 KPR
	26173 KG KOH <b>Assistant Needle Holder</b> , straight jaws with distal hole, pistol handle with disengageable ratchet, ratchet position left

Length	Instrument
33 cm	

Distal Tip	Instrument
	26173 KL KOH <b>Macro Needle Holder</b> , jaws curved to left, with tungsten carbide insert, handle with ratchet, ratchet position on top
	26173 KC KOH <b>Macro Needle Holder</b> , jaws curved to right, with tungsten carbide insert, handle with ratchet, ratchet position on top

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:



### KARL STORZ SENATOR Vacuum Pump, Set

consisting of:

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

### Secretion Application Set, 2 l

consisting of:

**Secretion Bottle**, 2 l

**Bottle Cap for Secretion Bottle**

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

## Accessories



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

### Float for Overflow Protection

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

**Secretion Bottle**, 2 l

**Hydrophobic Bacterial Filters**

**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:



### COR Pump Mobile Stand

consisting of:

Subrack COR Mobile Stand, low

### 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

**Clamp Holder**, standard

**Secretion Container**, 1.5 l

**Secretion Container**, 2.5 l

**Suction Liner**, 1.5 l, with solidifier

**Suction Liner**, 2.5 l, with solidifier

**Suction Liner**, 1.5 l

**Suction Liner**, 2.5 l

### Coupling Piece

**Tubing Set for Suction**, patient side,  
250 cm, with silicone tubing, sterile, for single use,  
package of 10

**Tubing Set for Suction**, patient side,  
250 cm, with male LUER-Lock, sterile,  
for single use, package of 10

**Tubing Set for Suction**, unit side,  
150 cm, unsterile

### Option 1

### Additional Components for Setup with 2 Suction Liners

**Serial Connection**, Patient,  
connection to suction liner (before filter),  
for single use

**Serial Connection**, Vacuum,  
connection to suction liner (behind filter)

**Changeover Valve**, clamp holder and tubing set

### Option 2

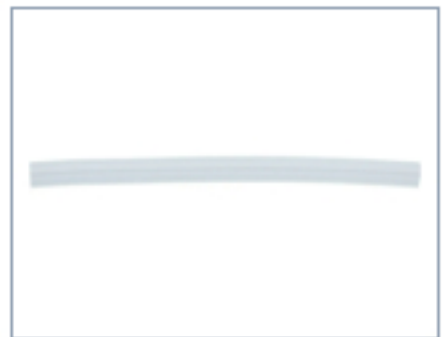
### Additional Components for Setup with Several (up to 5) Suction Liners

**Serial Connection**, Patient,  
connection to suction liner (before filter),  
for single use

**Serial Connection**, Vacuum,  
connection to suction liner (behind filter)

**Trolley**

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



## Pump Tubing

Quantity:

− 1 +

Add to My Quote List 📄

Technical details

Documents & Films

Type of usage

Reusable

Sterilizable

Yes



# Butelie otel (10 litri)

Buteliile pentru gaze comprimate cu conectare DIN-1 sunt destinate transportului, stocării și distribuției unei game variate de gaze cum ar fi: oxigen, hidrogen, azot, metan, amestecuri de gaze, heliu etc. Aceste butelii sunt utilizate în mod curent în procesele de sudare, tăiere oxigaz și procese conexe, ca rezervoare de combustibil, de oxigen (pentru aparate medicale) etc.

Material: 34CrMo4

Presiunea de încărcare: 200 bar

Presiunea de testare: 300 bar

În set cu furtun de conectare CO<sub>2</sub> de presiune înaltă.





# W SERIES CONTAINER SYSTEMS

## Standard

36-41

Full Size (1/1), Middle Size (3/4)  
Half Size (1/2)

## Reusable Systems

42-47

Full Size (1/1), Middle Size (3/4)  
Half Size (1/2)

## Long Body

48

## Wide Body

49

## Removal

50-51

Full Size (1/1), Middle Size (3/4)



Lid Perforated / Base Closed



Lid Safety Lid / Base Perforated



Lid & Base Perforated



Lid Safety Lid / Base Closed



Lid & Base Closed



Twin-Pad II neutral electrode with two contact surfaces (split), contact surface 200 cm<sup>2</sup>, without connection cable



Textile band with velcro strap, 100 cm, washable at 60°C



Connection cable for neutral electrodes, length 4 m, International




Item no: 38751MD

## KELLY ROBI Forceps

Quantity:

− 1 +

On the offer list 

### Scope of delivery

- 38151      RoBi Plastic Handle (1)
- 38700      RoBi Metal Outer Sheath (1)
- 38710MD      RoBi KELLY Forceps Insert (1)

Technical details

Documents & Films

Product group / field of application

Size                      5 mm

Insulated                      Yes



Item no: 33352MH

## CLICKLINE Grasping Forceps

Quantity:

### Scope of delivery

- 33152 CLICKLINE Plastic Handle (1)
- 33310MH CLICKLINE Forceps Insert (1)
- 33300 Metal Outer Sheath, insulated, 36 cm (1)

### Technical details

### Documents & Films

### Product group / field of application

Size 5 mm

Insulated Yes

Handle shape Pistol grip

Handle With ratchet

Working length 36 cm

Jaw finish Atraumatic