

IMAGE1 S™ 3D ^{NEW}

Basic Module and Link Module

STORZ
KARL STORZ — ENDOSKOPE



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



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



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) 22220055-3, 22220056-3, 22220053-3, 22220060-3, 22220061-3, 22220054-3, 22220085-3 (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	

Fiber Optic Light Cables

for Cold Light Fountains



Fiber Optic Light Cable with Straight Connector

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



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

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



495 NVC



495 NV/NVL/NVB

Fiber Optic Light Cable with 90° Deflection to the Instrument

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



Light Adaptor, angled 90°

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

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

- CLARA
- CHROMA
- SPECTRA



Pendulum System

	TH 100 IMAGE1 S™ H3-Z Three-Chip FULL HD Camera Head	TH 103 IMAGE1 S™ H3-P Three-Chip FULL HD Pendulum Camera Head
For use with:	● IMAGE1 S™ H3-LINK, module for rigid endoscopy	

Specifications

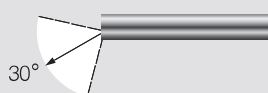
Frame rate	50/60 Hz	
Image sensor	3-chip	
Resolution	1920 x 1080 pixels	
Scanning method	progressive scan	
Lens	Parfocal Zoom Lens	pendulum system, fixed focus
Focal length	f = 15 – 31 mm (2x)	f = 16 mm
Dimensions w x h x l	39 x 49 x 114 mm	35 x 47 x 88 mm
Weight	270 g	226 g
Cable length	300 cm	
Cable routing	angled	straight
Camera head buttons	freely programmable	
Grip mechanism	standard eyepiece adaptor	
Reprocessing	soakable, EO sterilization, H ₂ O ₂ (hydrogen peroxide)	
S-Technologies	CLARA, CHROMA, SPECTRA	
Degree of protection	in conjunction with Camera Control Unit IMAGE1 S™: CF-Defib	

Diameter 5 mm, length 29 cm



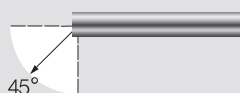
26046 AA

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

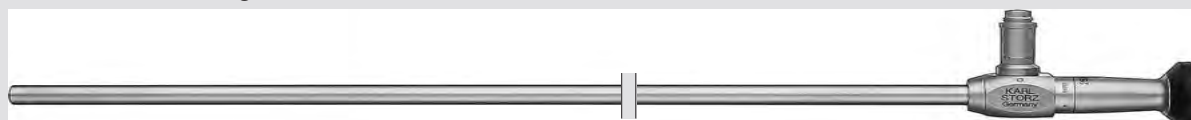
HOPKINS® Telescope 45°, enlarged view, diameter 5 mm, length 29 cm, **autoclavable**, fiber optic light transmission incorporated, color code: black



533 TVA

Adaptor, autoclavable, permits telescope changing under sterile conditions

Diameter 10 mm, length 31 cm

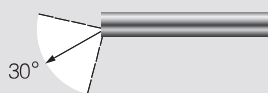


26003 AA



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



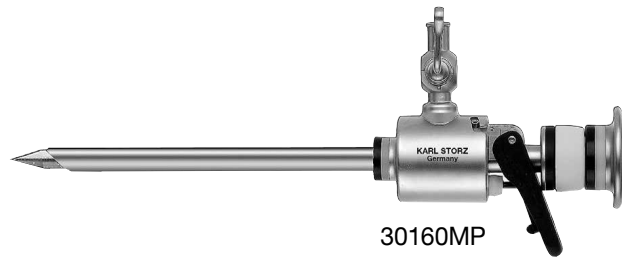
26003 FA

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



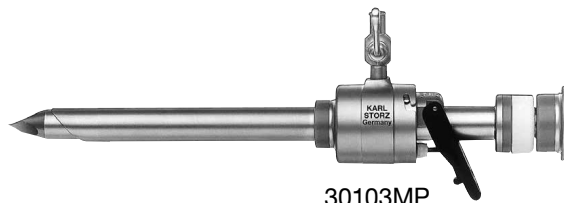
30160MP



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



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

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

Reduction Sleeves/Extractors



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

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

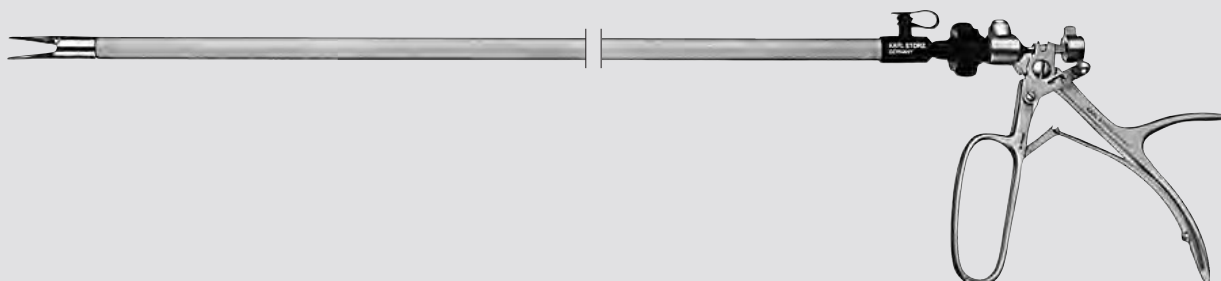
Same, 11/5 mm

Applicators for Titanium Clips

dismantling, rotating

Size 10 mm

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



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.

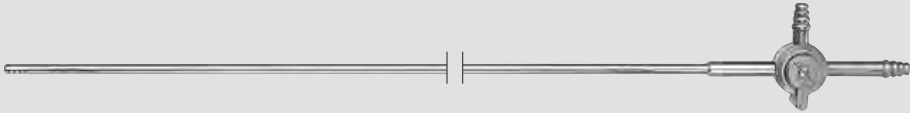
Components/Spare Parts see chapter 21

Suction and Irrigation Tubes

Size 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



Suction and Irrigation Tube,
with lateral holes, size 10 mm, length 36 cm, for use with suction and irrigation handles



Image View – 37560 LH



Close

Image View – 37560 LH



Close

AIDA®

Accessories



WM 200

SMARTSCREEN®



WM 100

WM 101

21.5" Touch Screen

24" Touch Screen



200144 30

Two-Pedal Footswitch



549 MG

549 MT

USB Color Printer for us

Paper Roll and Ribbon f



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

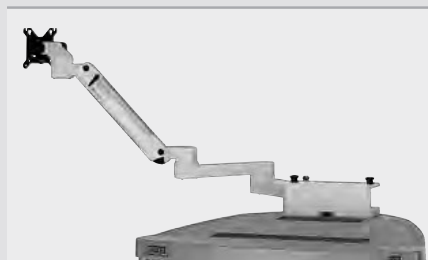
Beam Package, equipment cart LC

Shelf, wide

Drawer Unit with Lock, wide

Camera Holder

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



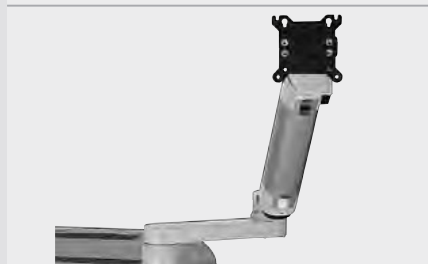
UG 540

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



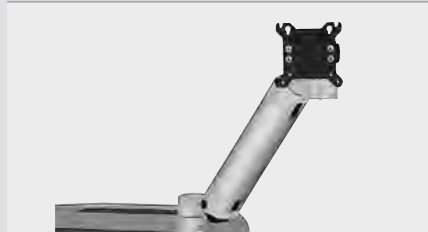
UG 530

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



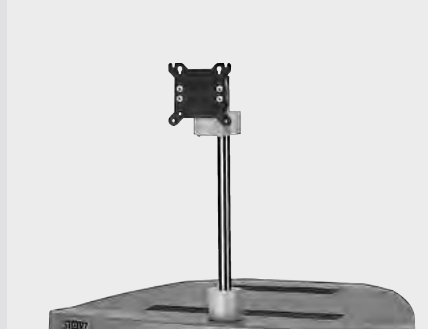
UG 520

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

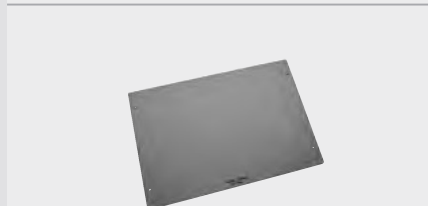


UG 500

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

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



Insufflation Tube,
sterilizable, inner diameter 9 mm, length 250 cm, for use with ENDOFLATOR® 40 UI 400 or ENDOFLATOR® 50 UI 500

Image View – UI 004



© KARL STORZ SE & Co. KG

Insufflation Tubing Sets, Gas Filters and Accessories



Special Features:

- Protects patients and equipment against contamination
- Gas flow of up to 50 l/min
- Preheated gas for better view and patient comfort (031210-10)

STERILE

For use with electronic ENDOFLATOR®, THERMOFLATOR®, ENDOFLATOR® 40 and ENDOFLATOR® 50



031122-25



031200-10



031210-10

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)

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)

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



CO2 High Pressure Tube,
American connection/German connection, length 102 cm



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

Suction and Irrigation Tubes



37360LH

Suction and Irrigation Tube, with lateral holes, size 5 mm, length 36 cm, for use with suction and irrigation handles



37370SC

Coagulating and Dissecting Electrode, with suction channel, insulated sheath, with connector pin for unipolar coagulation, size 5 mm, length 36 cm



37370DL

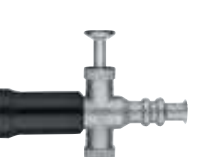
Same, L-shaped



26173BN

Suction and Irrigation Tube, with lateral holes, with two-way stopcock for single-hand control, size 5 mm, length 36 cm

Optional Suction Tube Accessories



30804

Handle with Trumpet Valve, for suction or irrigation, autoclavable, for use with 5 mm coagulating suction tubes, 3 and 5 mm suction and irrigation tubes



20300042

Silicone Tubing Set, for suction, sterilizable

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**.

ROBI® Bipolar Grasping Forceps ^{NEW}

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

STORZ
KARL STORZ — ENDOSKOPE

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 especially fine atraumatic serration
38610 WA	38651 WA
 19	ROBI® WATTIEZ Grasping Forceps , 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, especially suitable for dissection
38610 ML	38651 ML
 24	ROBI® KELLY Dissecting and Grasping Forceps , CLERMONT-FERRAND model, especially suitable for dissection
38610 MA	38651 MA
 24	ROBI® MALZONI Dissecting and Grasping Forceps , especially suitable for dissection

Please note:

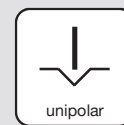
For the instrument only the **individual component parts** are numbered. The catalog number for the **complete instrument** is not on the instrument. Please take this number from the numbers indicated in the **red** background of the table above. The color **green** indicates the working inserts.

Bipolar High Frequency Cords see accessories page 158

2-15

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	33125	33149
30 cm							
36 cm							
43 cm							

Double action jaws

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



CLICK'liné KELLY Dissecting and Grasping Forceps

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



CLICK'liné KELLY Dissecting and Grasping Forceps, long

33310 DK	33351 DK	33352 DK	33353 DK	33356 DK	33321 DK	33325 DK	33349 DK
----------	----------	----------	----------	----------	----------	----------	----------



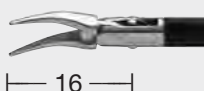
CLICK'liné DeBAKEY Grasping Forceps,
curved and slender jaws, atraumatic

33310 UY	33351 UY	33352 UY	33353 UY	33356 UY	33321 UY	33325 UY	33349 UY
----------	----------	----------	----------	----------	----------	----------	----------



CLICK'liné UYAMA Dissecting and Grasping Forceps,
long jaws, with reservoir, fine, for dissection

33310 NO	33351 NO	33352 NO	33353 NO	33356 NO	33321 NO	33325 NO	33349 NO
----------	----------	----------	----------	----------	----------	----------	----------



CLICK'liné NOSHIRO Dissecting and Grasping Forceps,
short jaws, fine, for dissection

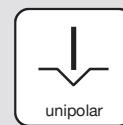
Dissecting and Grasping Forceps

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	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	33249 R
33310 R	33351 R	33352 R	33353 R	33356 R	33321 R	33349 R
33410 R	33451 R	33452 R	33453 R	33456 R	33421 R	33449 R



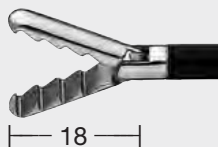
CLICK'line Dissecting and Grasping Forceps, with right-angled jaws

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



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

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



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

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
channels and trocars size 6 mm



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

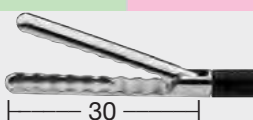
Single action jaws

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, 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

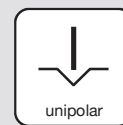
Dissecting and Grasping Forceps

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
 30	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	33349 AA
 23	CLICK <i>liné</i> MOURET Grasping Forceps, atraumatic, fenestrated, slender					
33310 AB	33351 AB	33352 AB	33353 AB	33356 AB	33321 AB	33349 AB
 30	CLICK <i>liné</i> MOURET Grasping Forceps, atraumatic, fenestrated, round jaws, slender					
33310 MA	33351 MA	33352 MA	33353 MA	33356 MA	33321 MA	33349 MA
 17	CLICK <i>liné</i> Grasping Forceps, "cobra jaws", 1 x 2 teeth					

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
channels and trocars size 6 mm



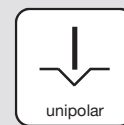
Length	Handle					
	33151	33152	33153	33156	33121	33149
30 cm						
36 cm						
43 cm						

Single action jaws

Working Insert	Complete Instrument					
33310 M	33351 M	33352 M	33353 M	33356 M	33321 M	33349 M
	CLICK ^{line} Grasping Forceps, jaws 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 ^{line} 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 ^{line} Grasping Forceps, jaws 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 ^{line} Grasping Forceps, "tiger jaws", 2 x 4 teeth, for grasping and removal of solid organs, in particular during adhesiolyses					

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**

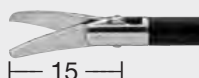
Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm

5 mm

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

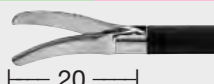
Double action jaws

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



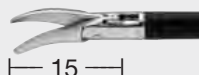
CLICK'line METZENBAUM Scissors, curved

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



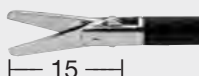
CLICK'line Scissors, serrated blades, spoon-shaped, curved

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



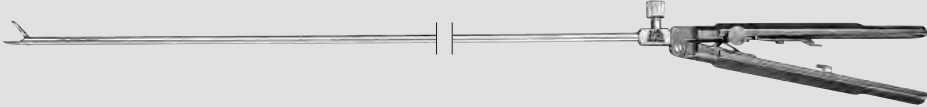
CLICK'line Scissors, straight

SZABO-BERCI Needle Holders

“PARROT-JAW®”

Size 5 mm

Operating instruments, length 33 cm,
for use with trocars size 6 mm

Length	Instrument	
33 cm		

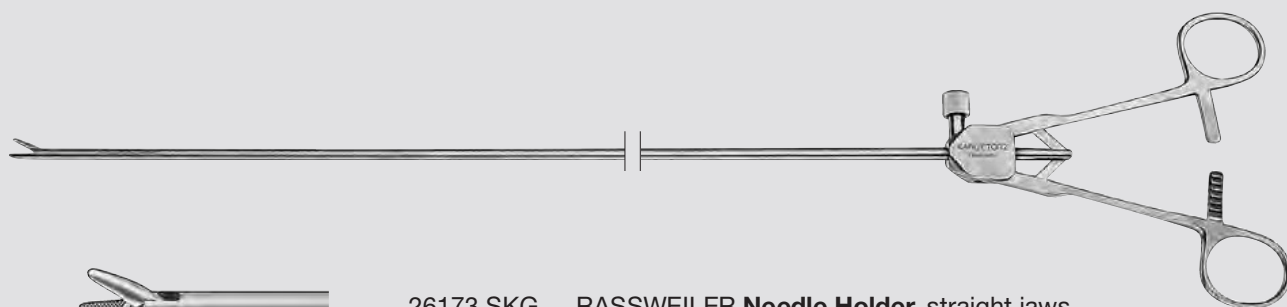
Distal tip	Instrument	
	26173 SC	SZABO-BERCI Needle Holder “PARROT-JAW®”, straight handle, with ratchet, for suture material 2/0 – 4/0, needle sizes SH (Ethicon), EN-S (Ski), V-20 (USSC)
	26173 SE	SZABO-BERCI Needle Holder “PARROT-JAW®”, jaws with tungsten carbide inserts, straight handle, with ratchet, for suture material 2/0 – 4/0, needle sizes SH (Ethicon), EN-S (Ski), V-20 (USSC)
	26173 CQ	SZABO-BERCI Needle Holder “PARROT-JAW®”, straight handle, with ratchet, for suture material 4/0 – 6/0, needle sizes RB (Ethicon), CV-23 (USSC)
	26173 CE	SZABO-BERCI Needle Holder “PARROT-JAW®”, jaws with tungsten carbide inserts, straight handle, with ratchet, for suture material 4/0 – 6/0, needle sizes RB (Ethicon), CV-23 (USSC)

Please note:
Using the needle holder with a needle larger than recommended may result in a mechanical damage to the instrument.

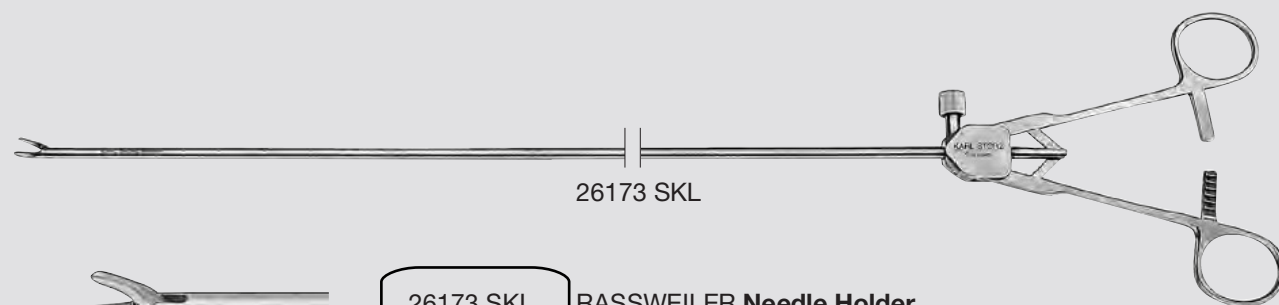
RASSWEILER Needle Holders

Size 5 mm

Operating instruments, **length 33 cm**,
for use **with trocars size 6 or 11 mm with reduction sleeves**



26173 SKG RASSWEILER **Needle Holder**, straight jaws,
axial ring handle with ratchet, size 5 mm,
length 33 cm, for use with suture material
2/0 – 4/0, needle size SH and RB (Ethicon)



26173 SKL RASSWEILER **Needle Holder**,
convex/concave, slender jaws, curved to left,
axial ring handle with ratchet, size 5 mm,
length 33 cm, for use with suture material 3/0,
needle size LH and RB-1 (Ethicon)

SZABO-BERCI Needle Holder “PARROT-JAW®”

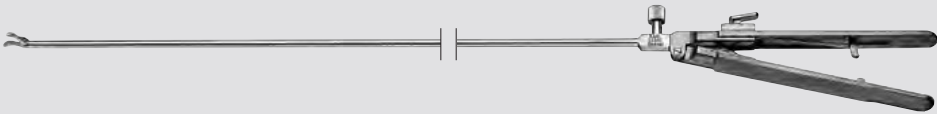
Size 5 mm

Operating instruments, length 33 cm,
for use with trocars size 6 mm

with diamond coated jaws

Special Features:

- Diamond coating for optimum safety in securing the needle in every position
- Ease of operation, precise adjustable ratchet for easy and safe positioning of the needle

Length	Instrument	
33 cm		
Distal tip	Instrument	
	26173 SP	SZABO-BERCI Needle Holder “PARROT-JAW®”, with diamond coated jaws, straight handle, with ratchet, for suture material 2/0 – 4/0, needle sizes SH (Ethicon), EN-S (Ski), V 20 (USSC)

Please note:
Using the needle holder with a needle larger than recommended may result in a mechanical damage to the instrument.

SZABO-BERCI Assistant Needle Holders

“FLAMINGO-JAW®”

Size 5 mm

Operating instruments, length 33 cm,
for use with trocars size 6 or 11 mm with reduction sleeves

Length	Instrument	
33 cm		
Distales Ende	Instrument	
	26173 QR	SZABO-BERCI Assistant Needle Holder “FLAMINGO-JAW®”, straight handle, with ratchet, for suture material 4/0 – 6/0, needle sizes RB (Ethicon), CV-23 (USSC)
	26173 DQ	SZABO-BERCI Assistant Needle Holder “FLAMINGO-JAW®”, straight handle, without ratchet, for suture material 4/0 – 6/0, needle sizes RB (Ethicon), CV-23 (USSC)
	26173 SD	SZABO-BERCI Assistant Needle Holder “FLAMINGO-JAW®”, straight handle, without ratchet, for suture material 2/0 – 4/0, needle sizes SH (Ethicon), EN-S (Ski), V-20 (USSC)

Please note:
Using the needle holder with a needle larger than recommended may result in a mechanical damage to the instrument.

30623 FP



Fan Retractor,
dismantling, retractable, size 10 mm, length 36 cm



Image View – 30623 FP



Close

Image View – 30623 FP



Close

Motor Control Unit

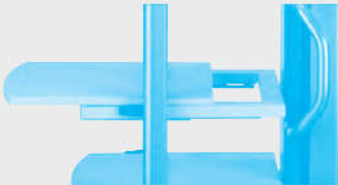
Detail	Order No.	Description
	40701601-01	UNIDRIVE® S III ENT SCB, Set , motor control unit with color display, touch screen, two motor outputs, integrated irrigation pump and integrated SCB module, power supply 100-240 VAC, 50/60 Hz

Included in Set 40701601-01:

	40701620-1	UNIDRIVE® S III ENT , with KARL STORZ-SCB
	20016630	Two-Pedal Footswitch
	400A	Mains Cord , length 300 cm
	20711680	Irrigation Rod , for UNIDRIVE® ENT SCB
	20090170	SCB Connecting Cable , length 100 cm
	031131-03	Single Use Tubing Set , sterile, package of 3

STERILE 



	UG 310 Isolation Transformer, 200 – 240 V, 2000 VA, with 3 special mains socket, automatic cutout, 3 grounding plugs, Dimensions in mm: 330 x 90 x 495 (w x h x d), for use with Equipment Carts UG xxx UG 300 Same, 100 – 120 V
	UG 410 Earth Leakage Monitor, 200 – 240 V, for mounting to equipment carts, Control panel dimensions: 44 x 80 x 29 mm (w x h x d), for use with Isolation Transformer UG 310 UG 400 Earth Leakage Monitor, 100 – 120 V, for mounting to equipment carts, Control panel dimensions: 44 x 80 x 29 mm (w x h x d), for use with Isolation Transformer UG 300
	UG 700 Mains Cord, with angled plug, length 100 cm
	20 0102 70 Potential Equipotential Cable, length 500 cm 20 0103 70 Potential Equipotential Cable, length 200 cm 20 0105 70 Potential Equipotential Cable, length 150 cm 20 0106 70 Potential Equipotential Cable, length 100 cm
	29005 PA-DR Potential Equipotential Cable Set, for equipment carts, for 5 units, including Potential Equipotential Cable 5x 20 0106 70, 1x 20 0105 70, 1x 20 0102 70 for 5 units, for use with COR equipment carts and Equipment Cart 29005 DRB/DRS
	UG 605 Keyboard Tray, narrow, for mounting under narrow Shelf UG 603, load capacity max. 10 kg, Dimensions: 430 x 480 mm (w x d), for use with Equipment Carts UG xxx UG 606 Keyboard Tray, wide, for mounting under wide Shelf UG 604, load capacity max. 10 kg, Dimensions: 630 x 480 mm (w x d), for use with Equipment Carts UG xxx