

26003 BRA HOPKINS RUBINA 30°, NIR/ICG, średnica 10mm, optyka 0°
obraz powiększony, średnica 10mm, długość 31 cm, autoklawoalna, do
zieleni indocyjaninowej (ICG), zintegrowana światłowodowa transmisja
światła, kolor kodu: zielony

NIR/ICG Telescopes:

- 26003ARA** HOPKINS® RUBINA™ 0°, NIR/ICG, diameter 10 mm, straight-forward telescope 0°, enlarged view, diameter 10 mm, length 31 cm, **autoclavable**, for indocyanine green (ICG), fiber optic light transmission incorporated, color code: green
- 26003BRA** HOPKINS® RUBINA™ 30°, NIR/ICG, diameter 10 mm, forward-oblique telescope 30°, enlarged view, diameter 10 mm, length 31 cm, **autoclavable**, for indocyanine green (ICG), fiber optic light transmission incorporated, color code: red
- 26003FRA HOPKINS® RUBINA™ 45°, NIR/ICG, diameter 10 mm, forward-oblique telescope 45°, enlarged view, diameter 10 mm, length 31 cm, **autoclavable**, for indocyanine green (ICG), fiber optic light transmission incorporated, color code: black
- 26003FREA **Same**, length 42 cm
- 26046ARA HOPKINS® RUBINA™ 0°, NIR/ICG, diameter 5 mm, straight-forward telescope 0°, enlarged view, diameter 5 mm, length 29 cm, **autoclavable**, for indocyanine green (ICG), fiber optic light transmission incorporated, color code: green
- 26046BRA HOPKINS® RUBINA™ 30°, NIR/ICG, diameter 5 mm, forward-oblique telescope 30°, enlarged view, diameter 5 mm, length 29 cm, **autoclavable**, for indocyanine green (ICG), fiber optic light transmission incorporated, color code: red
- 26046FRA HOPKINS® RUBINA™ 45°, NIR/ICG, diameter 5 mm, forward-oblique telescope 45°, enlarged view, diameter 5 mm, length 29 cm, **autoclavable**, for indocyanine green (ICG), fiber optic light transmission incorporated, color code: black

TIPCAM®1 Rubina™

- 26606ACA TIPCAM®1 RUBINA™, OPAL1® NIR/ICG, 4K/3D, direction of view 0°, diameter 10 mm, length 32 cm, **autoclavable**, including video connecting cable
- 26606BCA TIPCAM®1 RUBINA™, OPAL1® NIR/ICG, 4K/3D, direction of view 30°, diameter 10 mm, length 32 cm, **autoclavable**, including video connecting cable

IMAGE1 S™ 4U Rubina™ System Components

- TC201 **IMAGE1 S CONNECT® II**, connect module, for use with up to 3 link modules, 4K technology, resolution 3840 x 2160 and 1920 x 1080 pixels, with integrated KARL STORZ-SCB and digital Image Processing Module, power supply 100-120 VAC/200-240 VAC, 50/60 Hz
- TC304 **IMAGE1 S™ 4U-LINK**, link module, for use with IMAGE1 S™ 4U camera heads, power supply 100-240 VAC, 50/60 Hz, for use with IMAGE1 S CONNECT® TC200 or IMAGE1 S CONNECT® II TC201
- TH121 **IMAGE1 S™ 4U RUBINA™**, OPAL1® NIR/ICG, S-Technologies available, progressive scan, low-temperature sterilization, 2 freely programmable camera head buttons, for use with IMAGE1 S™ 4U-LINK
- TL400 **Cold Light Fountain POWER LED RUBINA™**, with high-performance light unit for perfusion assessment and standard endoscopic diagnosis, including a LED and a KARL STORZ light cable connection, power supply 100-125/220-240 VAC, 50/60 Hz including:
Mains Cord
Patch Cable
Sync Connecting Cable
- UF101 **One-Pedal Footswitch**, one-stage

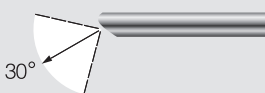
HOPKINS® Telescopes

Diameter 10 mm, length 31 cm

Trocar size 11 mm



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

26003 AA Optyka endoskopowa HOPKINSII® wprostna, prosta, kąt patrzenia 0°, powiększone pole widzenia, średnica 10 mm, długość 31 cm, autoklawowalna, z wbudowanym światłowodem, kolor kodu: zielony

Diameter 10 mm, length 42 cm

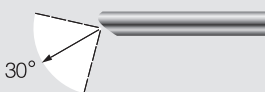
Trocar size 11 mm

Recommended for use for surgery in the adipose patient

XL



26003 BEA



26003 AEA

HOPKINS® Straight Forward Telescope 0°, enlarged view, diameter 10 mm, length 42 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green

26003 BEA

HOPKINS® Forward-Oblique Telescope 30°, enlarged view, diameter 10 mm, length 42 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red

26003 FEA

HOPKINS® Telescope 45°, enlarged view, diameter 10 mm, length 42 cm, **autoclavable**, fiber optic light transmission incorporated, color code: black

Trocars for use with telescopes with diameter 10 mm, see pages 51-52, 58, 65, 70-71 and 74
Containers for Sterilization and Storage of Telescopes see catalog HYGIENE

Optyki HOPKINS® firmy Karl Storz



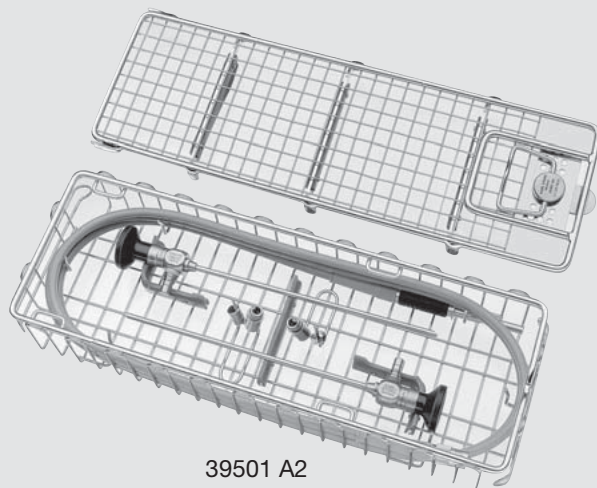
Graficzne oznakowanie
średnicy kompatybilnego
światłowodu



Oznakowanie kodem DATA MATRIX
zawierającym numer katalogowy
i numer seryjny optyki

Oznakowanie optyk HOPKINS® firmy Karl Storz

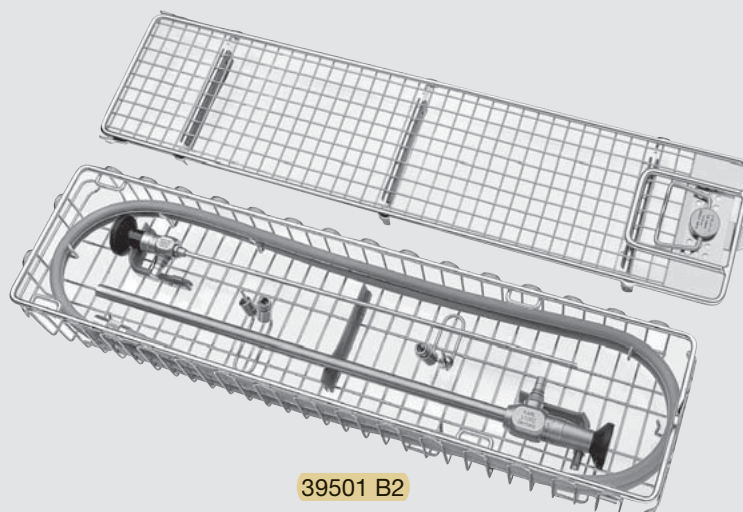
Wire Trays for Cleaning, Sterilization and Storage of Endoscopes



39501 A2

39501 A2

Wire Tray for Cleaning, Sterilization and Storage of two rigid endoscopes and one light cable, including holder for light post adaptors, silicone telescope holders and lid, external dimensions (w x d x h): 352 x 125 x 54 mm, for rigid endoscopes up to diameter 10 mm and working length 20 cm



39501 B2

39501 B2

Wire Tray for Cleaning, Sterilization and Storage of two rigid endoscopes and one light cable, including holder for light post adaptors, silicone telescope holders and lid, external dimensions (w x d x h): 487 x 125 x 54 mm, for rigid endoscopes up to diameter 10 mm diameter and working length 34 cm

Pkt. 3

Please note: The instruments displayed are not included in the sterilization trays.

CL **39501 B2** Kosz do mycia, sterylizacji i przechowywania dwóch giętkich endoskopów i jednego światłowodu z adapterem i silikonowymi zapinkami, z pokrywą o wymiarach zewnętrznych (szer. x gł. x wys.) 487 x 125 x 54 mm, do giętkich endoskopów o średnicy do 10 mm i długości roboczej 34 cm.

CL 12 G

Fiber Optic Light Cables

for Cold Light Fountains



495 NCSC Światłowod, wyjątkowo odporny na przegrzanie, z zabezpieczeniem przed odkręceniem, średnica 4.8 mm, długość 250 cm.

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



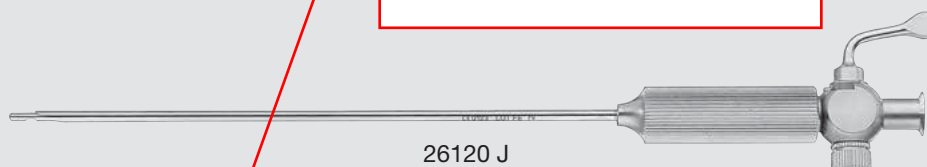
Light Adaptor, angled 90°

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

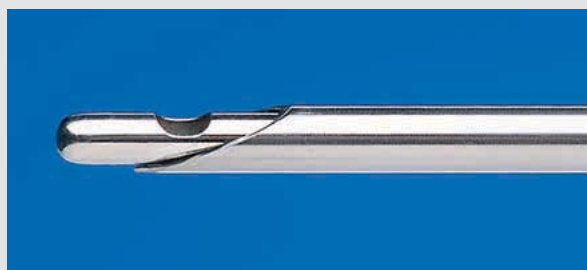
Adaptor for connecting KARL STORZ fiber optic light cables with endoscopes and light sources from other manufacturers, see page TP 132

VERESS Pneumoperitoneum Needles

26120 JLL Igła Veressa do wytwarzania odmy otrzewnowej, ze sprężynującą tępą igłą wewnętrzną, z zaworem LUER-Lock, autoklawowalna, średnica 2.1 mm, długość 15 cm.



26120 JK	VERESS Pneumoperitoneum Needle , with spring-loaded blunt inner cannula, LUER-Lock, autoclavable , diameter 2.1 mm, length 7 cm
26120 J	Same , length 10 cm
✓ 26120 JL	Same , length 13 cm
26120 JLL	Same , length 15 cm
26120 XL	Same , length 18 cm



Insufflation Units for use with VERESS Pneumoperitoneum Needles see chapter 20, UNITS

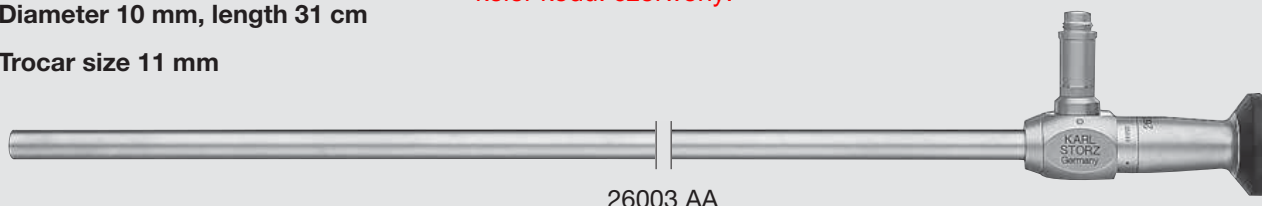
HOPKINS® Telescopes

26003 BA Optyka endoskopowa
HOPKINS® wprostna, skośna,
kąt patrzenia 30°, powiększone
pole widzenia, średnica 10 mm,
długość 31 cm, autoklawowalna,
z wbudowanym światłowodem,
kolor kodu: czerwony.

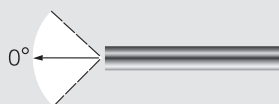
STORZ
KARL STORZ — ENDOSKOPE

Diameter 10 mm, length 31 cm

Trocar size 11 mm

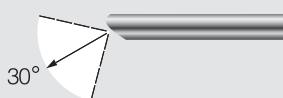


26003 AA



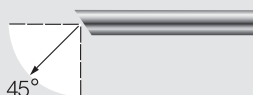
26003 AA

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



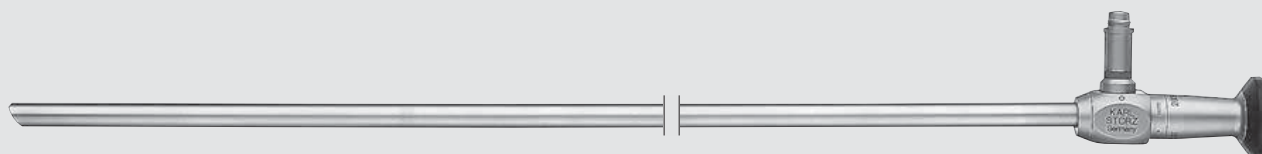
26003 FA

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

Diameter 10 mm, length 42 cm

Trocar size 11 mm

Recommended for use for surgery in the adipose patient

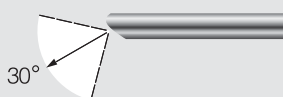


26003 BEA



26003 AEA

HOPKINS® Straight Forward Telescope 0°, enlarged view, diameter 10 mm, length 42 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green



26003 BEA

HOPKINS® Forward-Oblique Telescope 30°, enlarged view, diameter 10 mm, length 42 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red



26003 FEA

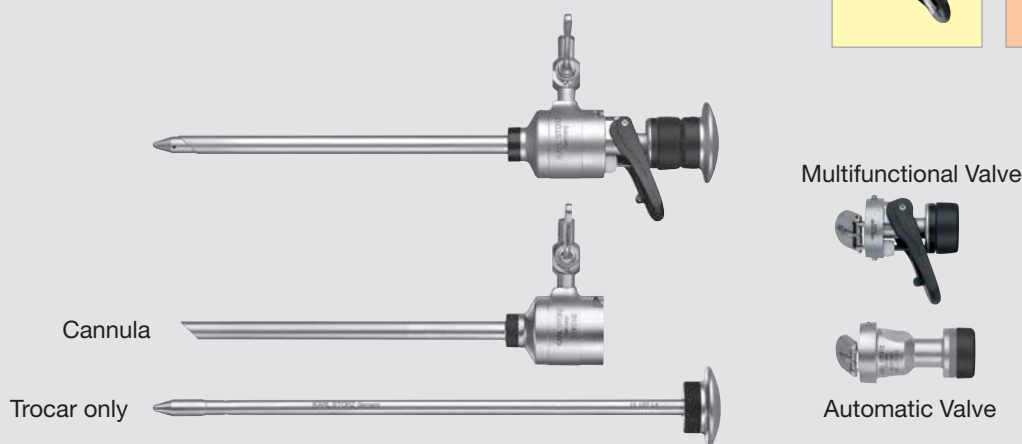
HOPKINS® Telescope 45°, enlarged view, diameter 10 mm, length 42 cm, **autoclavable**, fiber optic light transmission incorporated, color code: black

Trocars for use with telescopes with diameter 10 mm, see pages 51-52, 58, 65, 70-71 and 74
Containers for Sterilization and Storage of Telescopes see catalog HYGIENE

Trocars

Size 6 mm

For use with telescopes and instruments size 5 mm



Size:		6 mm			
Working length:		8.5 cm	10.5 cm	8.5 cm	10.5 cm
Color code:		black-white	black	black-white	black
		Multifunctional Valve		Automatic Valve	
	Trocar, with conical tip including: Cannula Trocar only Valve	30160 WY	30160 MC	30160 FY	30160 AC
		30160 H1	30160 H2	30160 H1	30160 H2
		30160 Y	30160 C	30160 Y	30160 C
		30160 M1	30160 M1	30160 A1	30160 A1
	Trocar, with pyramidal tip including: Cannula Trocar only Valve	30160 WZ	30160 MP	30160 FZ	30160 AP
		30160 H1	30160 H2	30160 H1	30160 H2
		30160 Z	30160 P	30160 Z	30160 P
		30160 M1	30160 M1	30160 A1	30160 A1
	Trocar, with blunt tip including: Cannula Trocar only Valve	30160 WX	30160 MA	30160 FX	30160 AA
		30160 H1	30160 H2	30160 H1	30160 H2
		30160 X	30160 A	30160 X	30160 A
		30160 M1	30160 M1	30160 A1	30160 A1
	SCARFI Trocar including: Cannula Trocar only Valve	—	30160 MB	—	30160 AB
			30160 H2		30160 H2
			30160 B		30160 B
			30160 M1		30160 A1

30160 MP Trokar z końcówką piramidalną, z zaworem wielofunkcyjnym, rozmiar 6 mm, składający się z: 30160 M1 zawór wielofunkcyjny, 30160P trokar, 30160 H2 kaniula, długość robocza 10,5 cm, kolor kodu: czarny.

Klipsownice endoskopowe

Klipsownica do klipsów polimerowych
rozmiar XL

Pkt. 25

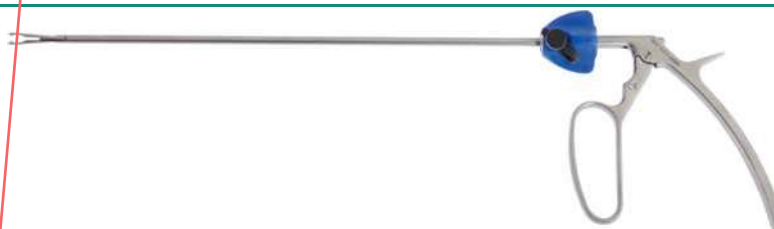
Klipsownice endoskopowe

Specyfikacja

- dostępne dla rozmiarów M, ML, L i XL dla niewchłaniających klipsów Click'aV[®], używanych w szerokim spektrum rozmiarów tkanek,
- szczęki aktywowane przednią rękojeścią dla lepszej stabilności,
- rotacja trzonu o 360°, regulowana palcem wskazującym, umożliwia pracę jedną ręką,
- kanał płuczający umożliwia łatwe czyszczenie, minimalizując ryzyko zakażenia
- nierozbieralny kształt zapewnia łatwiejszą konserwację i trwałość,
- wyprodukowane z wysokiej jakości stali nierdzewnej,
- kolorystyczny kod rozmiarów, kolor zasobników odpowiadający rozmiarowi klipsów,
- kompatybilne z dopasowanymi rozmiarami niewchłaniających klipsów polimerowych Click'aV[®].

REF 0301-04ME

Rozmiar	M
Kolor	●
Średnica trzonu (mm)	5
Średnica trokaru (mm)	5
Długość robocza (cm)	33
Ilość w opakowaniu	1



REF 0301-04MLE

Rozmiar	ML
Kolor	●
Średnica trzonu (mm)	5
Średnica trokaru (mm)	5
Długość robocza (cm)	33
Ilość w opakowaniu	1



REF 0301-04LE

Rozmiar	L
Kolor	●
Średnica trzonu (mm)	10
Średnica trokaru (mm)	10
Długość robocza (cm)	33
Ilość w opakowaniu	1



REF 0301-04XLE

Rozmiar	XL
Kolor	●
Średnica trzonu (mm)	10
Średnica trokaru (mm)	10
Długość robocza (cm)	33
Ilość w opakowaniu	1



Na życzenie klienta, klipsownice dostępne są również o innych długościach niż podane w katalogu.

Trocars

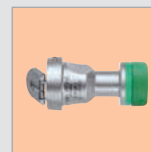
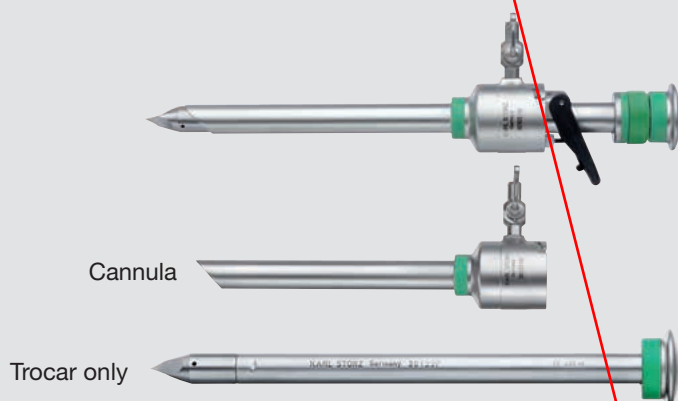
Size 11 mm

30103 MP Trokar z końcówką piramidalną, z zaworem wielofunkcyjnym, rozmiar 11 mm, składający się z: 30103 M1 zawór wielofunkcyjny, 30103 P trokar, 30103 H2 kaniula z zaworem klapkowym do insuflacji o długości roboczej 10,5 cm, kolor kodu: zielony.



KARL STORZ — ENDOSKOPE

For use with telescopes and instruments size 11 mm



Multifunctional Valve



Automatic Valve

Size:		11 mm			
Working length:		8.5 cm	10.5 cm	8.5 cm	10.5 cm
Color code:		green-white	green	green-white	green
		Multifunctional Valve		Automatic Valve	
	Trocar, with conical tip including: Cannula Trocar only Valve	30103 WY	30103 MC	30103 FY	30103 AC
		30103 H1	30103 H2	30103 H1	30103 H2
		30103 Y	30103 C	30103 Y	30103 C
		30103 M1	30103 M1	30103 A1	30103 A1
	Trocar, with pyramidal tip including: Cannula Trocar only Valve	30103 WZ	30103 MP	30103 FZ	30103 AP
		30103 H1	30103 H2	30103 H1	30103 H2
		30103 Z	30103 P	30103 Z	30103 P
		30103 M1	30103 M1	30103 A1	30103 A1
	Trocar, with blunt tip including: Cannula Trocar only Valve	30103 WX	30103 MA	30103 FX	30103 AA
		30103 H1	30103 H2	30103 H1	30103 H2
		30103 X	30103 A	30103 X	30103 A
		30103 M1	30103 M1	30103 A1	30103 A1
	MOTSON Trocar, with conical, blunt tip, including: Cannula Trocar only Valve	—	30103 MMO	—	30103 AMO
			30103 H2		30103 H2
			30103 MO		30103 MO
			30103 M1		30103 A1
	SCARFI Trocar, including: Cannula Trocar only Valve	—	30103 WSB	—	30103 FSB
			30103 H2		30103 H2
			30103 SB		30103 SB
			30103 M1		30103 A1

Telescopes for use with trocars size 11 mm see pages 31, 35, 38-40

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

Accessories

Reducer, Thread Sleeves and Distance Holders

Reducer, for use with trocars with valve seals



30141 RS

30141 RS **Reducer**, 13.5/5 mm and 11/5 mm

Thread Sleeves



30160 S

30160 S **Thread Sleeve**, for trocars size 6 mm,
color code: black

30103 S **Thread Sleeve**, for trocars size 11 mm,
color code: green

NEW 30108 S **Thread Sleeve**, for trocars size 13.5 mm,
color code: blue

30160 S Tuleja
mocująca, do trokaru
rozmiar 6 mm, kolor
kodu: czarny.

Distance Holders, to limit the depth of puncture



30103 D

30160 D **Distance Holder**, for trocars size 6 mm,
color code: black

30103 D **Distance Holder**, for trocars size 11 mm,
color code: green

Accessories

Reducer, Thread Sleeves and Distance Holders

Reducer, for use with trocars with valve seals



30141 RS

30141 RS

Reducer, 13.5/5 mm and 11/5 mm

Thread Sleeves



30160 S

30103 S Tuleja
mocująca, do trokaru
rozmiar 11 mm, kolor
kodu: zielony.

30160 S

Thread Sleeve, for trocars size 6 mm,
color code: black

30103 S

Thread Sleeve, for trocars size 11 mm,
color code: green

NEW

30108 S

Thread Sleeve, for trocars size 13.5 mm,
color code: blue

Distance Holders, to limit the depth of puncture



30103 D

30160 D

Distance Holder, for trocars size 6 mm,
color code: black

30103 D

Distance Holder, for trocars size 11 mm,
color code: green

Reduction Sleeves/Extractors



30140 DB

Inner 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

30141 DB Redukcja
11/5 mm.



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

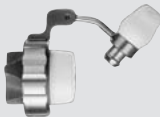


30142 HB

30142 HB Podwójna nasadka
redukcyjna do narzędzi
laparoskopowych z 13/10, 13,5/10,
13/5, 13,5/5 mm.

- 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 valve
and TERNAMIAN EndoTIP cannulas with silicone leaflet valve



30160 RE

- 30160 RE Reducer, 6/3 mm
- 30103 RE Same, 11/5 mm
- 30107 RE Same, 13.5/5 mm

Reduction Sleeves/Extractors



30140 DB

Inner 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

30141 DB Redukcja 11/5 mm.



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

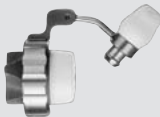
Double Reducer



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 valve and TERNAMIAN EndoTIP cannulas with silicone leaflet valve



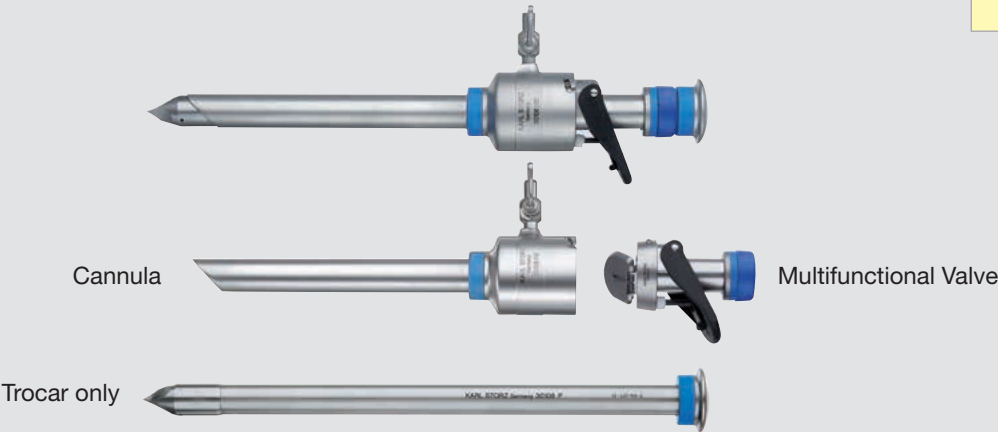
30160 RE




- 30160 RE
- 30103 RE
- 30107 RE
- Reducer, 6/3 mm
- Same, 11/5 mm
- Same, 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

30108 MP

Trokar z końcówką piramidalną, z zaworem wielofunkcyjnym, rozmiar 13,5 mm, wielokrotne nakłucie, składający się z: 30108 M1 zawór wielofunkcyjny, 30108 P trokar, 30108 H2 kaniula z zaworem kłapkowym do insuflacji o długości roboczej 11,5 cm, kolor kodu: niebieski.

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

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**

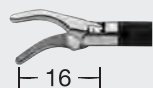
Operating instruments, **length 43 cm**,
for use with telescopes with inbuilt
working channel and trocars size 6 mm



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

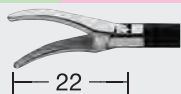
Double action jaws

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



CLICK'line® KELLY Dissecting and Grasping Forceps

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



CLICK'line® KELLY Dissecting and Grasping Forceps, long

33310 DK	33351 DK	33352 DK	33353 DK	33356 DK	33321 DK	33349 DK
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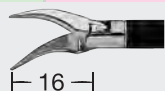
CLICK'line® DeBAKEY Grasping Forceps,
curved and slender jaws, atraumatic

33310 UY	33351 UY	33352 UY	33353 UY	33356 UY	33321 UY	33349 UY
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CLICK'line® UYAMA Dissecting and Grasping Forceps,
long jaws, with reservoir, fine, for dissection

33310 NO	33351 NO	33352 NO	33353 NO	33356 NO	33321 NO	33349 NO
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CLICK'line® NOSHIRO Dissecting and Grasping Forceps,
short jaws, fine, for dissection

33351ML, Kleszcze preparacyjno - chwytające typu Kelly, bransze długie, obie ruchome; monopolarne, obrotowe, rozbieralne, komplet: uchwyt plastikowy bez zapinki, tubus izolowany z przyłączem do prześwietliwania, wkład roboczy; śr. 5 mm, dł. 36 cm







Scissors

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

Size 5 mm

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

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

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

Double action jaws

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



CLICK'line® METZENBAUM Scissors, curved

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



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

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



CLICK'line® Scissors, serrated, curved, conical

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



CLICK'line® Scissors, straight

34351MA, Nożyczki, ostrza zakrzywione, ząbkowane, oba ruchome; monopolarne, obrotowe, rozbieralne, komplet: uchwyt plastikowy bez zapinki, tubus izolowany z przyłączem do przepłukiwania, wkład roboczy; śr. 5 mm, dł. 36 cm

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



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



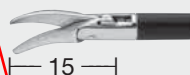
CLICK'line METZENBAUM Scissors, curved

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

34310 MA Wkład roboczy nożyczek CLICK-line, bransze ząbkowane, zakrzywione, łyżeczkowe ostrza, długość bransz 20 mm, długość 36 cm, rozmiar 5 mm, obie bransze ruchome, wielokrotne nakłucie, instrumenty operacyjne, do stosowania z trokarem rozmiar 6 mm.

Dissecting and Grasping Forceps

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

Size 5 mm

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

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



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

Single action jaws

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



CLICK'line® Grasping Forceps, with especially fine atraumatic serration, fenestrated

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



CLICK'line® Grasping Forceps, atraumatic, with hollow jaws

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



CLICK'line® CROCE-OLMI Grasping Forceps, atraumatic, fenestrated, curved

33356 ON Szczypce preparacyjne i chwytające CLICK-line, długie, długość 36 cm, rozmiar 5 mm, jedna bransza ruchoma, rotacyjne, rozbieralne, z zapinką zwalniającą, izolowane, z łącznikiem do koagulacji unipolarnej, wielokrotne nakłucie, instrumenty operacyjne, do stosowania z trokarem rozmiar 6 mm.

Dissecting and Grasping Forceps

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

Size 5 mm

Operating instruments, **length 30 und 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 AF	33251 AF	33252 AF	33253 AF	33256 AF	33221 AF	33249 AF
33310 AF	33351 AF	33352 AF	33353 AF	33356 AF	33321 AF	33349 AF
33410 AF	33451 AF	33452 AF	33453 AF	33456 AF	33421 AF	33449 AF



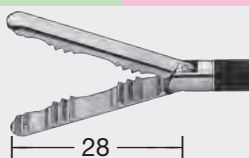
CLICK^{line} Grasping Forceps, atraumatic, fenestrated

33310 OD	33351 OD	33352 OD	33353 OD	33356 OD	33321 OD	33349 OD
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CLICK^{line} Grasping Forceps, fenestrated, with fine atraumatic serration

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



CLICK^{line} Grasping Forceps, atraumatic

33210 D	33251 D	33252 D	33253 D	33256 D	33221 D	33249 D
33310 D	33351 D	33352 D	33353 D	33356 D	33321 D	33349 D



CLICK^{line} Grasping Forceps, atraumatic, spoon-shaped, with multiple teeth

33310 K	33351 K	33352 K	33353 K	33356 K	33321 K	33349 K
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CLICK^{line} Grasping Forceps, atraumatic, fenestrated

33356 OD Kleszcze chwytające CLICK^{line}, okienkowe, obie bransze ruchome, długość bransz 25 mm, rozmiar 5 mm, długość 36 cm, rotacyjne, rozbieralne, uchwyt izolowany z zapinką, z łącznikiem do koagulacji bipolarnej, wielokrotne nakłucie, instrumenty operacyjne, z wyjątkowo cienkim atraumatycznym ząbkowaniem, do stosowania z trokarem rozmiar 6 mm.

Dissecting and Grasping Forceps

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

Size 5 mm

Operating instruments, **length 30 und 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						

33310 OD Wkład kleszczy chwytających CLICK^{line}, monopolarne, okienkowe, ze szczególnie dobrym automatycznym ząbkowaniem, obie bransze ruchome, długość branszy 25 mm, rozmiar 5 mm, długość robocza 36 cm, instrumenty operacyjne, do stosowania z trokarem 6 mm.

Double action jaws

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



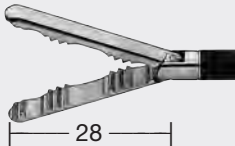
CLICK^{line} Grasping Forceps, atraumatic, fenestrated

33310 OD	33351 OD	33352 OD	33353 OD	33356 OD	33321 OD	33349 OD
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CLICK^{line} Grasping Forceps, fenestrated, with fine atraumatic serration

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



CLICK^{line} Grasping Forceps, atraumatic

33210 D	33251 D	33252 D	33253 D	33256 D	33221 D	33249 D
33310 D	33351 D	33352 D	33353 D	33356 D	33321 D	33349 D



CLICK^{line} Grasping Forceps, atraumatic, spoon-shaped, with multiple teeth

33310 K	33351 K	33352 K	33353 K	33356 K	33321 K	33349 K
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CLICK^{line} Grasping Forceps, atraumatic, fenestrated

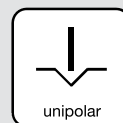
Dissecting and Grasping Forceps

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



5 mm

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

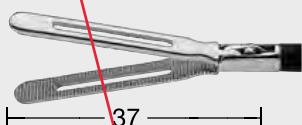
Double action jaws

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



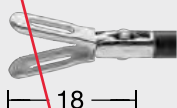
CLICK'line BABCOCK Grasping Forceps, atraumatic, fenestrated

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



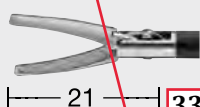
CLICK'line Bowel Grasper, fenestrated

33310 CK	33351 CK	33352 CK	33353 CK	33356 CK	33321 CK	33325 CK	33349 CK
33410 CK	33451 CK	33452 CK	33453 CK	33456 CK	33421 CK	33425 CK	33449 CK



CLICK'line Bowel Grasper, fenestrated, short

33310 UK	33351 UK	33352 UK	33353 UK	33356 UK	33321 UK	33325 UK	33349 UK
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CLICK'line KOH Urethra Grasping Forceps, insulated jaws,
concave inwardly curved jaws, continuously toothed

21

33310 C Wkład do szczypiec jelitowych CLICK-line, okienkowe obie bransze ruchome, rozmiar 5 mm, długość 36 cm, długość bransz 37 mm.






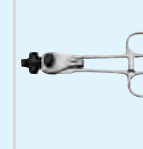
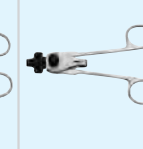
7-11

Dissecting and Grasping Forceps



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

Size 10 mm


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

Length	Handle						
	33161	33162	33163	33166	33131	33146	33147
36 cm							

Single action jaws

Working Insert	Complete Instrument						
33510 FK	33561 FK	33562 FK	33563 FK	33566 FK	33531 FK	33546 FK	33547 FK
 21	CLICK ^{line} Claw Forceps, 2 x 3 teeth, short						
33510 FS	33561 FS	33562 FS	33563 FS	33566 FS	33531 FS	33546 FS	33547 FS
 35	CLICK ^{line} Claw Forceps, 2 x 3 teeth						

Double action jaws

33510 SR	33561 SR	33562 SR	33563 SR	33566 SR	33531 SR	33546 SR	33547 SR
 22	CLICK ^{line} Forceps, to retrieve lost gallstones						

33562FS, Kleszcze chwytające typu „pazury 2x3”, jedna bransza ruchoma; monopolarne, obrotowe, rozbieralne, komplet: uchwyt metalowy z zapinką, tubus izolowany z przyłączem do przepłukiwania, wkład roboczy; śr. 10 mm, dł. 36 cm

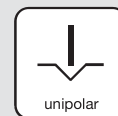
Coagulation and Dissection Electrodes

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 dissection.

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	

26775UF, Elektroda koagulacyjno - preparacyjna,
haczykowa, kształt L, monopolarna, śr. 5 mm, dł. 36 cm

Units for use with Coagulation and Dissection Electrodes see chapter 17, UNITS

Accessories

Unipolar and Bipolar High Frequency Cords

Unipolar High Frequency Cords



KARL STORZ High Frequency
Instrument Surgery Units

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

Bipolar High Frequency Cords



KARL STORZ High Frequency
Instrument Surgery Units

<div>26005 M Unipolarny przewód wysokiej częstotliwości, z 5 mm wtyczką do diatermii KARL STORZ modele AUTOCON (50, 200, 350), AUTOCON II 400 (111, 115) i ERBE typ ICC, długość 300 cm.</div>		
	26176 LE	Bipolar High Frequency Cord , length 300 cm, for AUTOCON® II 400 SCB system (111, 113, 115, 122, 125), AUTOCON® II 200, AUTOCON® II 80, Coagulator 26021 B/C/D, 860021 B/C/D, 27810 B/C/D, 28810 B/C/D, AUTOCON® series (50, 200, 350), Erbe-Coagulator, T and ICC series
	26176 LM	Bipolar High Frequency Cord , length 300 cm, for use with Martin HF units
	26176 LV	Bipolar High Frequency Cord , length 300 cm, for AUTOCON® II 400 SCB system (112, 114, 116, 122, 125), AUTOCON® II 200, AUTOCON® II 80 and Valleylab coagulators
	26176 LW <i>NEW</i>	Bipolar High Frequency Cord , length 300 cm, pin distance on unit side 22 mm, for use with high frequency surgical units with bipolar sockets with 22 mm pin distance

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**.

KOH Macro Needle Holders

Size 5 mm


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




The 5 mm KOH macro needle holder allows precise holding of the needles.

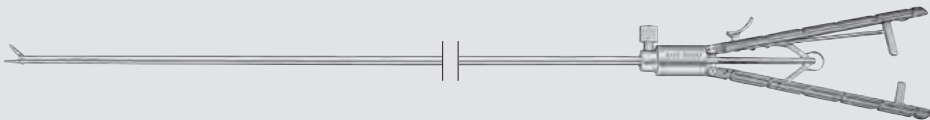
Special Features:



- Tungsten carbide inserts for secure holding of the needle
- Precise adjustable ratchet
- Axial and pistol handles

26173 KAL Imadło makro do igieł wg KOH, z wkładem z węgliku wolframu, ergonomiczna prosta rękojeść, z blokadą zwalniającą, pozycja blokady z prawej strony, szczęki zakrzywione w lewo, rozmiar 5 mm, długość 33 cm, należy stosować z nićmi 0/0 do 7/0 i igłami rozmiar BV, SH lub CT-1, rozmiar 5 mm, wielokrotne nakłucie, instrumenty operacyjne, do stosowania z trokami rozmiar 6.

Length	Instrument
33 cm	
43 cm	

Distal Tip	Instrument	
	26173 KAF	KOH Macro Needle Holder , straight jaws, with tungsten carbide insert, straight handle with disengageable ratchet, ratchet position right
	26178 KAF	
	26173 KAL	KOH Macro Needle Holder , jaws curved to left, with tungsten carbide insert, straight handle with disengageable ratchet, ratchet position right
	26178 KAL	
	26173 KAR	KOH Macro Needle Holder , jaws curved to right, with tungsten carbide insert, straight handle with disengageable ratchet, ratchet position left
	26178 KAR	

Length	Instrument
33 cm	
43 cm	

Distal Tip	Instrument	
	26173 ML	KOH Macro Needle Holder , jaws curved to left, with tungsten carbide insert, straight handle with ratchet, ratchet position on top
	26178 ML	
	26173 MC	KOH Macro Needle Holder , jaws curved to right, with tungsten carbide insert, straight handle with ratchet, ratchet position on top
	26178 MC	

Components/Spare Parts see chapter 18

KOH Macro Needle Holders

Size 5 mm

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

The ergonomic properties of the new 5 mm KOH macro needle holder allow precise holding of the needles and the thread. The precision branches and the new locking mechanism enable easy and precise guidance of the needle with threads of thickness from 0/0 to 7/0.

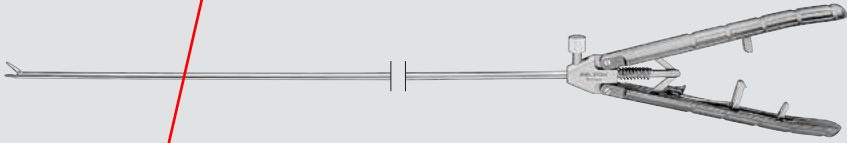
Special Features:




- Tungsten carbide inserts for firm and reliable needle positioning, as well as long durability
- Ease of operation, precise adjustable ratchet for easy and safe positioning of the needle

- Ergonomically designed handle for relaxed working

26173 KAF Imadło makro do igieł wg KOH, z wkładem z węgliku wolframu, ergonomiczna prosta rękojeść, z blokadą zwalniającą, pozycja blokady z prawej strony, szczęki proste, rozmiar 5 mm, długość 33 cm, instrumenty operacyjne, do stosowania z trokami rozmiar 6.

The KOH ultramicro instrument set has been developed specifically to meet the high demands of laparoscopic microsurgery and is designed to suture structures as small as 0.5 mm.

Length	Instrument
33 cm	
43 cm	

Distal tip		Instrument
	26173 KAF	KOH Macro Needle Holder , with tungsten carbide insert, ergonomic straight handle with disengageable ratchet, ratchet position right, jaws straight
	26178 KAF	
	26173 KAL	KOH Macro Needle Holder , with tungsten carbide insert, ergonomic straight handle with disengageable ratchet, ratchet position right, jaws curved to left
	26178 KAL	
	26173 KAR	KOH Macro Needle Holder , with tungsten carbide insert, ergonomic straight handle with disengageable ratchet, ratchet position left, jaws curved to right
	26178 KAR	

26173 KAR Imadło makro do igieł wg KOH, z wkładem z węgliku wolframu, ergonomiczna prosta rękojeść, z blokadą zwalniającą, pozycja blokady z lewej strony, szczęki zakrzywione w prawo, rozmiar 5 mm, długość 33 cm, należy stosować z nićmi 0/0 do 7/0 i igłami rozmiar BV, SH lub CT-1, wielokrotne nakłucie, instrumenty operacyjne, do stosowania z trokami rozmiar 6.









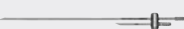
Optional Accessories

for Suction and Irrigation Systems

26173 BN Rurka ssąco - płuczająca, z otworami bocznymi, z podwójnym zaworem odcinającym, do kontroli jedną ręką, długość 36 cm, rozmiar 5 mm, instrumenty operacyjne, do stosowania z trokami 6 mm.

for use with


HAMOU® ENDOMAT® SCB 26 3311 01-1	ENDOMAT® LC SCB 20 3303 01-1	DUOMAT® 20 3210 08
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	26 3100 38	Pressure Infusion Cuff, 1.5 l	-	-	●
	26 3101 38	Pressure Infusion Cuff, 3 l	-	-	●
	26 3100 35	Bottle Cap, sterilizable, for use with irrigation bottles 1 l and 1.5 l, sterile (cylindrical and square) type Abbott and Baxter Laboratories	-	-	●
	26 3102 35	Bottle Cap, sterilizable, for use with irrigation bottle 1 l, sterile (round), type Fresenius and B. Braun (old type), Delta Pharma (round)	-	-	●
	26 3103 35	Bottle Cap, sterilizable, for use with irrigation bottle 1 l, sterile (round or square), type B. Braun (old type) and Delta Pharma	-	-	●
	20 3000 52	Suction Bottle, 1.5 l, sterilizable	●	-	●
	20 3000 34	Bottle Cap, for suction bottles 1.5 l and 5 l, sterilizable	●	-	●
	20 3001 30	Bottle Stand, for suction bottle 1.5 l or irrigation bottle 1 l	●	-	●
	26173 BN	Suction and Irrigation Tube, with lateral holes, anti-reflex surface, with two-way stopcock for single-hand control, size 5 mm, length 36 cm	●	●	●
	26173 VG	Puncture Needle, for sterile infusion solution 1 l, sterilizable, working length 22 cm	-	-	●
	860015 B	Puncture Needle, for sterile infusion solution 500 ml, sterilizable, working length 18 cm	-	-	●


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	MENGHINI Liver Biopsy Needle , LUER-Lock, diameter 1.6 mm
	26178 G	
	26175 PD	Injection Needle , LUER-Lock, diameter 0.8 mm
	26175 P	Injection Needle , LUER-Lock, diameter 1.2 mm
	26178 P	
	26175 R	Puncture Needle , LUER-Lock, diameter 1.6 mm
	26178 R	

26175R

Igły punkcyjna, rozmiar 3 mm, z zaworem LUER -Lock, średnica 1,6 mm, wielokrotne nakłucie, instrument operacyjny, długość 36 cm, do stosowania z trokarem 3,5 mm,

Applicators for Titanium Clips

dismantling, rotating

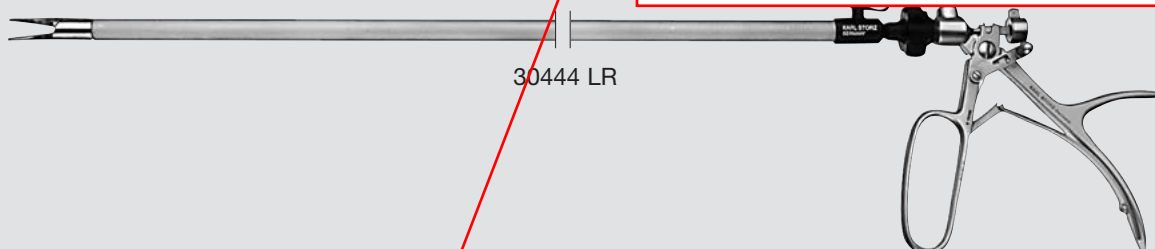
STORZ

KARL STORZ — ENDOSKOPE

Size 10 mm

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

30444 LR Klipsownica rozbieralna, rotacyjna, rozmai 10 mm, długość 36 cm, do klipsów naczyniowych PILLING 30460 AL (średnie-duże), z blokadą szczęki podtrzymującej klips, składająca się z: metalowy uchwyt z zapinką, metalowy płaszcz wewnętrzny, wkład.



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

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

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

Insert

Caution:

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

Components/Spare Parts see chapter 21

The distal end of the liver retractor can be activated by rotation of the proximal part of the handle. The retractor is introduced into the peritoneal cavity in its straight, unactivated form. Once inside the abdomen, the distal end is closed with the help of forceps and slipped under the liver. The liver can be safely held clear of the

operative site in this manner for extended periods of time.

This instrument was developed in conjunction with Professor Sir Alfred Cuschieri and his staff at the University of Dundee.

Special Features:

- Retraction of the liver for extended periods of time
- Dismantling for cleaning purposes

Size 5 mm

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



30623 U

CUSCHIERI **Retractor**, size 5 mm, length 36 cm, contact surface approx. 21 cm²

Size 10 mm

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

30623U Retraktor CUSCHIERI, rozmiar 5 mm, długość 36 cm, powierzchnia styku ok. 21 cm²



30623 UR

30623 UR

CUSCHIERI **Retractor**, size 10 mm, length 36 cm, contact surface approx. 14 cm²



30623 URL

30623 URL

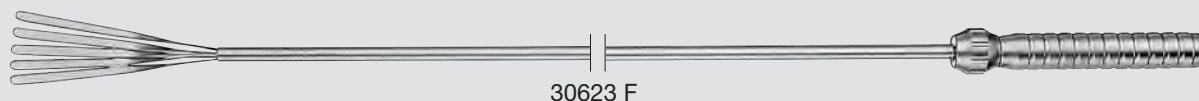
CUSCHIERI **Retractor**, large contact surface, size 10 mm, length 36 cm, contact surface approx. 30 cm²

Components/Spare Parts see chapter 18

Fan Retractors

Size 5 mm

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



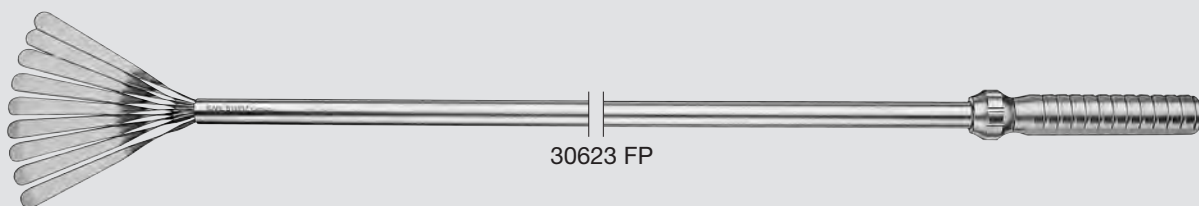
30623 F

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

30623F Retraktor wentylatora, rozbieralny,
składany, rozmiar 5 mm, długość 36 cm, kąt
otwarcia w pozycji wysuniętej ok. 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**



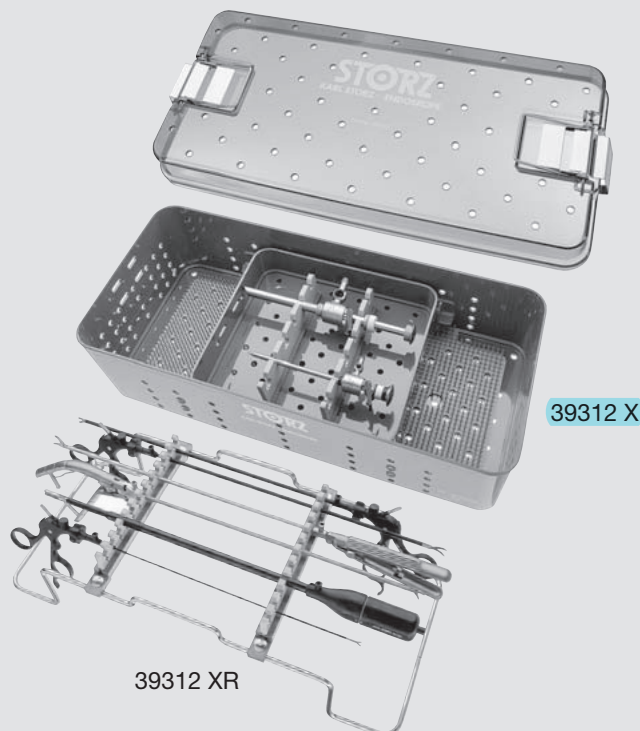
26173 FP

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

Plastic Containers for Sterilization and Storage of Instruments

39312 X Plastikowy pojemnik do sterylizacji i przechowywania, z wyjmowaną półką 39312 XR i tacą wkładką do przechowywania o 12 instrumentów o średnicy 2.5 mm do 10 mm i do 6 trokarów, perforowany, z przezroczystą pokrywą, wymiary zewnętrzne (szer. x gł. x wys.): 532 x 254 x 165 mm.



39312 X

39312 XR

39312 X

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

39312 XR

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



39312 B

39312 B

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

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

Dissecting and Grasping Forceps

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

Size 5 mm

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

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



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

Double action jaws

Working Insert	Complete Instrument						
33210 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^{line} 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^{line} 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^{line} Dissecting and Grasping Forceps, "alligator jaws"

33356 HM Kleszcze preparacyjne i chwytające CLICK^{line}, bransze typu „aligator”, obie bransze ruchome, rozmiar 5 mm, instrumenty operacyjne, długość 36 cm, obrotowe, rozbieralne, uchwyt izolowany z zapinką zwalnianą, z łącznikiem do koagulacji unipolarnej, do stosowania z trokarem 6 mm.

Dissecting and Grasping Forceps

CLICKlinē – 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

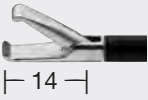



Length	Handle					
	33151	33152	33153	33156	33121	33149
30 cm						
36 cm						
43 cm						

Single action jaws

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

33310 FM	33351 FM	33352 FM	33353 FM	33356 FM	33321 FM	33349 FM
33410 FM	33451 FM	33452 FM	33453 FM	33456 FM	33421 FM	33449 FM
	CLICKlinē 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
	CLICKlinē Grasping Forceps , with multiple teeth, width of jaws 4.8 mm, for atraumatic and accurate grasping					

33210 MG	33251 MG	33252 MG	33253 MG	33256 MG	33221 MG	33249 MG
33310 MG	33351 MG	33352 MG	33353 MG	33356 MG	33321 MG	33349 MG
33410 MG	33451 MG	33452 MG	33453 MG	33456 MG	33421 MG	33449 MG
	CLICKlinē Grasping Forceps , “tiger jaws”, 2 x 4 teeth, for grasping and removal of solid organs, in particular during adhesiolyses					

33356ME Kleszcze chwytające CLICKLINE, obrotowe, rozbieralne, izolowane, z przyłączem monopolarnym, rozm. 5 mm, dł. 36 cm, jedna bransza ruchoma, bransze wieloząbkowe, szerokość branszy 4.8 mm, do atraumatycznego i dokładnego chwytania, kompletny instrument złożony z: 33156 Uchwyt plastikowy, z zapinką z możliwością trwałego otwarcia, zapinka otwierana przyciskiem, z poszerzoną powierzchnią kontaktową palców, 33300 Tubus zewnętrzny, metalowy, izolowany, z przyłączem płuczącym LUER-Lock do mycia, 33310ME Wkład roboczy kleszczy



Special Features:

- No risk of confusion when placing the connectors



For use with ENDOMAT® SELECT and/or HAMOU® ENDOMAT® SCB 26 3311 20-1



031524-10



030647-10

031524-10

Tubing Set for Irrigation, FC, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® SCB 26 3311 20-1 and ENDOMAT® SELECT










030647-10

Tubing Set for Suction, DS, sterile, for single use, package of 10, for use with ENDOMAT® SELECT

031524-10 Zestaw drenów płuczących, FC, jednorazowego użytku, sterylne, opakowanie 10 szt., do użytku z HAMOU® ENDOMAT® SCB 26331120-1 i ENDOMAT® SELECT.

Optional Accessories

for Insufflators

			for use with	
			ENDOFLATOR® 40 SCB UI 400 S1	ENDOFLATOR® 50 SCB UI 500 S1
	20 4000 21	CO₂ High Pressure Tube , American connection/German connection, length 55 cm	•	•
	20 4000 27	Same , length 102 cm		
	20 4000 22	CO₂ High Pressure Tube , American connection/Pin-Index connection, length 55 cm	•	•
	20 4000 28	Same , length 102 cm		
	20 4002 22	CO₂ High Pressure Tube , American connection/ISO connection, length 102 cm	•	•
	UI 001	Low Pressure Tube , for the central CO ₂ gas supply, length 150 cm	•	•
	UI 002	Same , length 300 cm		
	UI 003	Same , length 600 cm		
	26 4000 90	CO₂ Bottle , empty, with German connection	•	•
	26 4000 91	CO₂ Bottle , empty, with Pin-Index connection	•	•
	UI 005	Bottle Holder , fold-away, holder for KARL STORZ CO ₂ gas bottles 1000 ml, including attachments	•	•
	20 4000 32	High Pressure Inline Gas Filter	•	•
	20 0903 70	SCB Connecting Cable , length 60 cm	•	•
	20 0900 70	Same , length 30 cm		

20400027 Prząd wysokociśnieniowy CO₂, z przyłączami American/German, długość 102 cm, do zastosowania z ENDOFLATOR 40 SCB UI 400S1 i ENDOFLATOR 50 SCB UI 500S1

INSUFFLATORS AND
SMOKE GAS SUCTION CONTROL

Smoke Evacuation

Smoke Evacuation Filter



Special Features:

- Effective filtration at a rate of 99.9999 %
- Protects the patient and the surgical team against viruses, bacteria and harmful particles



For use with trocars with LUER-Lock connectors



031110-10

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

031110-10 Filtr
dymu, męski LUER
LOCK, sterylne, do
jednorazowego użytku,
do użytku z trokami z
wtyczką LUER LOCK, dł.
50cm

Optional Accessories

for Insufflators

for use with

ENDOFLATOR® 40 SCB
UI 400 S1

ENDOFLATOR® 50 SCB
UI 500 S1



031200-10*

Insufflation Tubing Set, with gas filter, for single use, hydrophobic on both sides, with 3 m insufflation tube and male LUER-Lock, sterile, package of 10, for use with insufflation units with a gas flow up to 50 l/min, tested and approved accessory for KARL STORZ insufflation units



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031210-10*

Same, heatable



-

•



031122-25*

Gas Filter, ISO connector, hydrophobic on both sides, sterile, for single use, package of 25, for use with insufflation units with gas flow up to 50 l/min, approved and tested accessory for KARL STORZ insufflation units



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UI 004

Insufflation Tube, sterilizable, inner diameter 9 mm, length 250 cm

•

•

UI 004 Dren insuflacyjny, nadający się do sterylizacji, wewnętrzna średnica 9 mm, długość 250 cm



26120 J

VERESS Pneumoperitoneum Needle, with spring-loaded blunt inner cannula, LUER-Lock, **autoclavable**, diameter 2.1 mm, length 10 cm

•

•

26120 JK

Same, length 7 cm

26120 JL

Same, length 13 cm

26120 JLL

Same, length 15 cm



30103 HC

HiCap® Trocar, size 11 mm

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