

SURGERY INSTRUMENTS

Laparoscopy



ABOUT US...

“ With nearly 30 years of know-how in the manufacture of laparoscopic instruments, ab medica is a French company located in the Cher, a department at the forefront of innovation in the fields of metallurgy and precision mechanics. We want to meet the current needs of surgical professionals and also offer them the solutions of tomorrow. Innovation is at the heart of our business strategy.

We place the customer need at the forefront of our approach in order to also work on the continuous improvement of our products and to provide the most appropriate response to the market and to our customers.

Our in-house know-how allows us to offer very high quality products, and our complete control of the production chain allows great adaptability to demand. ”

ab medica INSTRUMENTS OFFER

ab medica offers several instrumentation ranges to meet the greatest number of surgeons' demands.

▶ **Microlap Range:**

REVOLUTIONARY ACCESS

The combination of an external diameter of less than 4 mm and a bladeless obturator with dilating tip enables surgery that improves cosmetic¹, with less post-operative pain² and shorter hospital stays³.

▶ **Evolap Range:**

NO MORE COMPROMISES

Evolap's specificity lies in its conical shaped transition : instruments have standard size jaws and a smaller tube, thus permitting the same specifics than a 5mm instrument : length, precision, rigidity.

▶ **5 mm Range:**

RELIABILITY OF THE INSTRUMENT

A classic range of high quality instruments for laparoscopy, which has over time proven to meet the demands of surgeons.

▶ **Bariatric:**

EXPAND YOUR VIEW

The bariatric range of ab medica offers longer and larger diameter instruments for obesity surgeries. The same characteristics of quality, grip and rigidity characterize this range of instruments.



FENESTRATED FORCEPS

Instrument length :
from 20 to 50 cm
Jaw length :
from 15 to 35 mm
Diameter :
3 mm | 3,5 mm | 5 mm
| 10 mm
Energy :
Monopolaire
Jaw type :
Single action |
Double action
Colour code :
Yellow



Page 6

GRASPING FORCEPS

Instrument length :
from 20 to 50 cm
Jaw length :
from 10 to 45 mm
Diameter :
3 mm | 3,5 mm | 5 mm |
10 mm
Energy :
Monopolar
Jaw type :
Clutch | Straight |
Babcock | Clamp
Colour code :
Blue



Page 7

TOOTHED GRASPING FORCEPS

Instrument length :
from 20 to 50 cm
Jaw length :
15 mm
Diameter :
3 mm | 3,5 mm | 5 mm |
10 mm
Energy :
Monopolar
Jaw type :
Allis | Cobra |
Tiger
Colour code :
Green



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DISSECTORS

Instrument length :
from 20 to 50 cm
Jaw length :
15 mm
Diameter :
3 mm | 3,5 mm | 5 mm |
10 mm
Jaw type :
Monopolar
Jaw type :
Maryland | C shape |
S shape
Colour code :
Blue



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SCISSORS

Instrument length :
from 20 to 50 cm
Scissors tip version :
• Stériles
• Not Steriles
Diameter :
3 mm | 3,5 mm | 5 mm
Energy :
Monopolar
Blade type :
Curved | Straight | Hook
Colour code :
Red



Page 10

TUBES

Instrument length :
20 - 31 - 33 - 35 - 50 cm
Diameter :
3 mm | 3,5 mm | 5 mm
Tube coating :
Electrical insulation



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HANDLES

Material :
Steel or Peek
Typology :
Standard | Axial
Handle :
With ratchet |
Without ratchet
Thumb wheel colour code :
Yellow | Blue | Green |
Red



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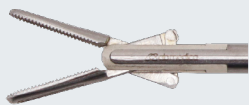
NEEDLE HOLDERS

Instrument length :
from 20 to 45 cm
Diamètre:
3 mm | 3,5 mm | 5 mm
Bit type:
Courbe | Droit



BIPOLAR FORCEPS AND CABLES

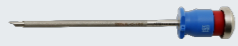
Instrument length :
from 20 to 35 cm
Diameter :
3 mm | 3,5 mm | 5 mm
Energy :
BIPOLAR
Jaw type :
Fenestrated | Straight



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MULTIPLE USE TROCAR AND ACCESSORIES

Instrument length :
from 6 to 12 cm
Diameter :
3 mm | 3,5 mm
Typology :
Classic |
With stopcock |
With luer lock |



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HOOKS, PNEUMO-DISSECT

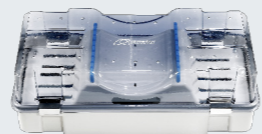
- Hooks and Monopolar Instruments
- Accessories



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INSTRUMENTS ON HANDLES AND ACCESSORIES

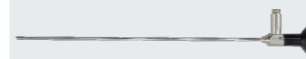
- Instruments on handles
- Accessories
- Sterilisation basket



Page 20-21

LAPAROSCOPE

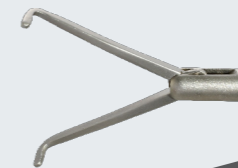
- Microlaparoscopic laparoscope 3 mm
- Accessories



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10 MM INSTRUMENTS

Jaw type :
Fenestrated |
Dissector |
Grasping |
Toothed Grasping



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1 JAWS INSERT

Fenestrated Forceps

Ø 3 mm

Ø 3,5 mm

Ø 5 mm

JAW 15 mm



LIL-IP-FS-20 20 cm
LIL-IP-FS-31 31 cm

C35-IP-F15-33 33 cm

C05-IP-F15-35 35 cm
C05-IP-F15-50 50 cm

JAW 20 mm



LIL-IP-F20-20 20 cm
LIL-IP-F20-31 31 cm

C35-IP-F20-33 33 cm

C05-IP-F20-35 35 cm
C05-IP-F20-50 50 cm

JAW 20 mm
"THIN"



- -
- -

C35-IP-TF2-33 33 cm

- -
- -

JAW 30 mm



- -
- -

C35-IP-F30-33 33 cm

C05-IP-F30-35 35 cm
C05-IP-F30-50 50 cm

CURVED
30 mm



- -
- -

C35-IP-F3B-33 33 cm

C05-IP-F3B-35 35 cm
C05-IP-F3B-50 50 cm

DOUBLE
ACTION
15mm



- -
- -

C35-IP-2FS-33 33 cm

C05-IP-2F1-35 35 cm
C05-IP-2F1-50 50 cm

DOUBLE
ACTION
20 mm



LIL-IP-2F2-20 20 cm
LIL-IP-2F2-31 31 cm

C35-IP-2F2-33 33 cm

C05-IP-2F2-35 35 cm
C05-IP-2F2-50 50 cm

DOUBLE
ACTION
25 mm



LIL-IP-2F3-20 20 cm
LIL-IP-2F3-31 31 cm

C35-IP-2F3-33 33 cm

- -
- -

Grasping Forceps

Ø 3 mm

Ø 3,5 mm

Ø 5 mm

CLUTCH



LIL-IP-CL-20 20 cm
LIL-IP-CL-31 31 cm

C35-IP-CL-33 33 cm

- -
- -

CLUTCH
2 MOBILE
JAWS



- -
- -

- -

C05-IP-2CL-35 35 cm
C05-IP-2CL-50 50 cm

STRAIGHT
10 mm



LIL-IP-ST-20 20 cm
LIL-IP-ST-31 31 cm

- -

C05-IP-S10-35 35 cm
C05-IP-S10-50 50 cm

STRAIGHT
15 mm



- -
- -

C35-IP-S15-33 33 cm

C05-IP-S15-35 35 cm
C05-IP-S15-50 50 cm

STRAIGHT
20 mm



- -
- -

- -

C05-IP-S20-35 35 cm
C05-IP-S20-50 50 cm

BABCOCK



- -
- -

C35-IP-BK-33 33 cm

C05-IP-BK-35 35 cm
C05-IP-BK-50 50 cm

INTESTINAL
CLAMP



- -
- -



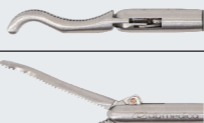
C35-IP-IC-33 33 cm

C05-IP-IC-35 35 cm
C05-IP-IC-50 50 cm



Toothed Grasping Forceps

		Ø 3 mm	Ø 3,5 mm	Ø 5 mm
ALLIS		LIL-IP-AL-20 20 cm	C35-IP-AL-33 33 cm	C05-IP-AL-35 35 cm
		LIL-IP-AL-31 31 cm		C05-IP-AL-50 50 cm
COBRA		-	C35-IP-CO-33 33 cm	C05-IP-CO-35 35 cm
		-		C05-IP-CO-50 50 cm
TIGER		-	C35-IP-TG-33 33 cm	C05-IP-TG-35 35 cm
		-		C05-IP-TG-50 50 cm
SEMM		LIL-IP-SM-20 20 cm	-	-
		LIL-IP-SM-31 31 cm		
SEMM DOUBLE ACTION		LIL-IP-2SM-20 20 cm	C35-IP-2SM-33 33 cm	-
		LIL-IP-2SM-31 31 cm		-

Dissectors

		Ø 3 mm	Ø 3,5 mm	Ø 5 mm
MARYLAND		LIL-IP-2DM-20 20 cm	C35-IP-2DM-33 33 cm	C05-IP-2DM-35 35 cm
		LIL-IP-2DM-31 31 cm		C05-IP-2DM-50 50 cm
C SHAPE DISSECTOR		-	-	C05-IP-2DC-35 35 cm
		-		C05-IP-2DC-50 50 cm
S SHAPE DISSECTOR		LIL-IP-2DS-20 20 cm	C35-IP-2DS-33 33 cm	C05-IP-2DS-35 35 cm
		LIL-IP-2DS-31 31 cm		C05-IP-2DS-50 50 cm

Biopsy forceps

		Ø 3 mm	Ø 3,5 mm	Ø 5 mm
BIOPSY		-	-	C05-IP-CU-35 35 cm
		-		C05-IP-CU-50 50 cm
DOUBLE ACTION		LIL-IP-2BI-20 20 cm	-	-
		LIL-IP-2BI-31 31 cm		-

Scissors

DISPOSABLE STERILE MULTIPLE USE MULTIPLE USE STERILES

■ INSERT

3 mm Ø CURVED		-	LIL-IP-2SC-20 LIL-IP-2SC-31	-
		-	-	-

■ HEADS

The use of a color code on the scissor heads allows the identification of sterile (Black) and single-use (Green) instruments.

3,5 mm Ø CURVED		C35-ST-2SC-ST	-	-
		-	-	-

5 mm Ø MICRO CURVED		COE07420	-	-
		-	-	-

5 mm Ø CURVED		COE07320	COE07310	COE07310ST
		-	-	-

5 mm Ø STRAIGHT		COE07340	COE07330	COE07330ST
		-	-	-

5 mm Ø SHORT STRAIGHT		COE07360	COE07350	COE07350ST
		-	-	-

Insulated Outer Tubes

Ø 3 mm Ø 3,5 mm Ø 5 mm

FORCEPS INSULATED OUTER TUBE		LIL-TU-20 20 cm	C35-TU-33 33 cm	C05-TU-35 35 cm
		LIL-TU-31 31 cm	-	C05-TU-50 50 cm

SCISSORS INSULATED OUTER TUBE		LIL-TU-31 31 cm	C35-TUSC-33 33 cm	C05-TUSC-35 35 cm
		-	COE35TUSC20 20 cm	C05-TUSC-50 50 cm

Swab

Ø 3,5 mm Ø 5 mm

	-	-	COE09010 35 cm
	COE09125 33 cm	-	-

3

NEEDLE HOLDERS

Handles

Color coded handle makes it easier to locate the desired instrument during surgery. We recommend: yellow for fenestrated forceps, blue for grasping forceps and dissectors, green for toothed grasping forceps & red for scissors.

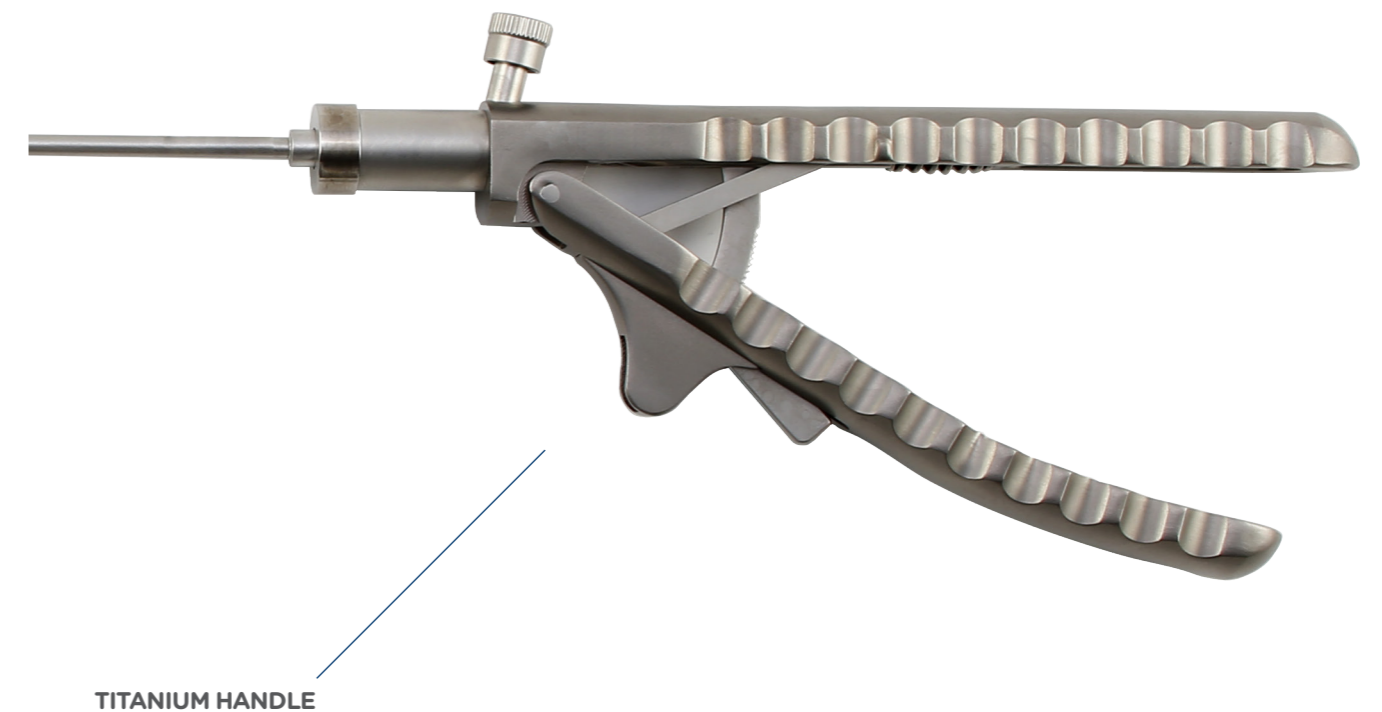
	Yellow	Blue	Green	Red
STEEL HANDLE	WITHOUT RATCHET			
	LIL-H-YA1	LIL-H-BA1	LIL-H-GA1	LIL-H-RA1
	WITH RATCHET			
	LIL-H-YA2	LIL-H-BA2	LIL-H-GA2	-
PEEK HANDLE	WITHOUT RATCHET			
	LIL-H-YP1	LIL-H-BP1	LIL-H-GP1	LIL-H-RP1
	WITH RATCHET			
	LIL-H-YP2	LIL-H-BP2	LIL-H-GP2	LIL-H-RP2
STEEL AXIAL	WITHOUT RATCHET			
	LIL-H-YY1	LIL-H-BY1	LIL-H-GY1	LIL-H-RY1
	WITH RATCHET			
	LIL-H-YY2	LIL-H-BY2	LIL-H-GY2	-

Ø 3 mm

Ø 3,5 mm

Ø 5 mm

STRAIGHT	Ø 3 mm		Ø 3,5 mm		Ø 5 mm	
		LIL-NS-20	20 cm	C35-NS-33	33 cm	COE01176
	LIL-NS-31	31 cm			COE01177	35 cm
					COE01174	45 cm
CURVED		-	-	-	COE01196	25 cm
		-	-	-	COE01197	35 cm
		-	-	-	COE01194	45 cm



3 RANGES, 1 HANDLE

All models of handles are compatible with all diameter instrument ranges !

4 BIPOLAR FORCEPS and CABLES

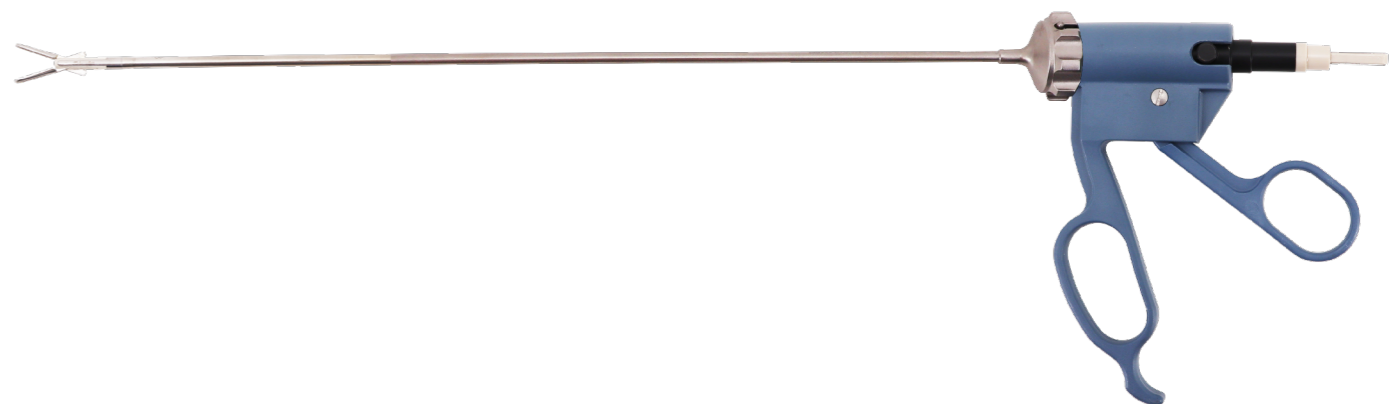
Bipolar 3 mm



INSERT		LIL-IB-FS-20	20 cm	LIL-IB-FS-35	35/29 cm
		LIL-IB-TC-20	20 cm	LIL-IB-TC-35	35/29 cm
TUBE		LIL-BTU-20	20 cm	LIL-BTU-35	35/29 cm
HANDLE		LIL-H-BP			

BIPOLAR CABLE	<i>compatible with LIL-H-BP handle</i>			
	ERBE	85530103	VALLEYLAB	85530101

Bipolar 3,5 mm



INSERT		C35-IB-FS-33	33 cm	
TUBE		C35-BTU-33	33 cm	
HANDLE		C35-H-BP		
BIPOLAR CABLE	<i>compatible with C35-H-BP handle</i>			
	ERBE	80100017 80100018	L=3 m L=5 m	VALLEYLAB 80100021 80100033

Monopolar cables

ERBE MARTIN	80100016	L=5 m	VALLEYLAB	80100021	L=5 m
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5 TROCAR and ACCESSORIES

Reusable Trocar Ø 3 mm



L=6 CM L=7.5 CM L=10 CM L=12 CM

CANNULA		LIL-C-060	LIL-C-075	LIL-C-100	LIL-C-120

OBTURATOR		LIL-O-060H	LIL-O-075H	LIL-O-100H	LIL-O-120H

Reusable Trocar Ø 3,5 mm



reusable trocar with stopcock

Reusable trocar with Luer Lock

L=6 CM L=7.5 CM L=10 CM L=12 CM

CANNULA WITH STOPCOCK		COEC35060RO	COEC35075RO	COEC35100RO	COEC35120RO

CANNULA WITH LUER LOCK		COEC35060	COEC35075	COEC35100	COEC350120

OBTURATOR		COEP35060H	COEP35075H	COEP35100H	COEP35120H

Disposable Sterile Valves



BOX OF 25	25 x 1 valve (1 per packet)			
	25x		<table border="1"> <tr> <td>LIL-SEAL-1</td> <td>C35-SEAL-1</td> </tr> </table>	LIL-SEAL-1
LIL-SEAL-1	C35-SEAL-1			

BOX OF 30	10 x 3 valves (3 per packet)			
	10x		<table border="1"> <tr> <td>LIL-SEAL-3</td> <td>C35-SEAL-3</td> </tr> </table>	LIL-SEAL-3
LIL-SEAL-3	C35-SEAL-3			

Scalpel Accessory Tool

Adapting the incision to the diameter of the trocar stabilizes the cannula. Our templates will make it easier to make the perfect incision.




6 MONOPOLAR HOOK


PNEUMO-DISSECT


Ø 3 mm

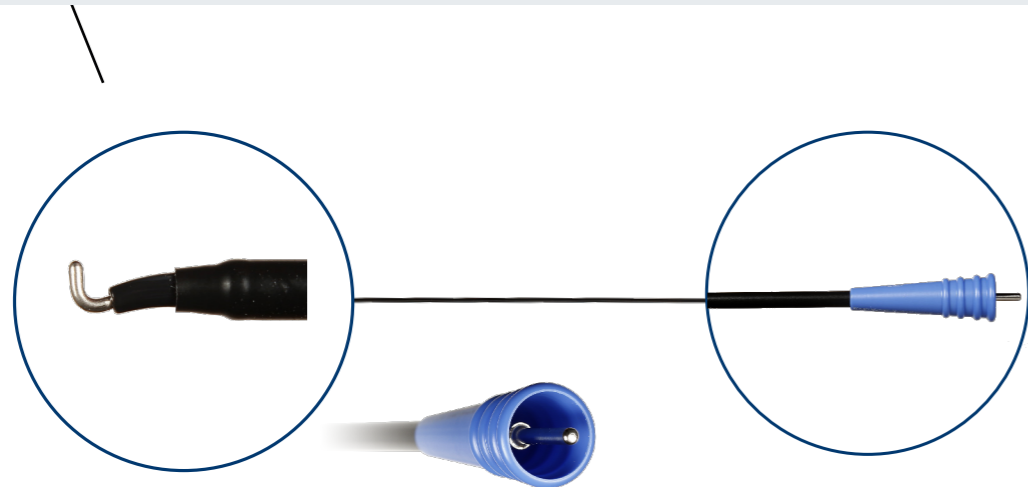
Ø 3,5 mm

Ø 5 mm

CLASSIC		-	-	C35-CH-33	33 cm	-	-
		-	-			-	-

STRAIGHT		LIL-LH-20	20 cm	-	-	COE01400	35 cm
		LIL-LH-33	33 cm			COE01404	50 cm

CLASSIC MANUAL ACTIVATION		-	-	-	-	COE0141R	35 cm
		-	-				



CLASSIC MANUAL ACTIVATION






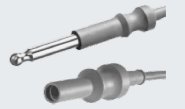
Reusable

HANDLE		C05-H-PDH	monopolar connection female luer lock


REGULATOR ADAPTER		C05-ADPT-PDH	adapter for regulator réf. 0729006 male LUER output

STERILISATION BASKET		66V-ABM2	45 x 7 x 6 cm

MEDICAL CO2 REGULATOR		0729006	adjustable regulator 0-12 bar pressure regulator C-mount
		GM6500-38991200	non-adjustable regulator 8 bar fixe pressure regulator PIN INDEX

MONOPOLAR CABLES		80100016	80100017	L=5 m
		VALLEYLAB	80100221	L=5 m

Single use

MONOPOLAR ROUND HOOK		Ø 3,5 mm	Ø 5 mm	
		C35-ID-CH-33-ST	33 cm	C05-ID-CH-33-ST


TUBING		220.200	200 cm


7 INSTRUMENTS ON HANDLES and ACCESSORIES


Ø 3 mm


Ø 3,5 mm

Ø 5 mm

ROUNDED STYLUS		LIL-RS-20	20 cm	C35-RS-33	33 cm	COE01450	35 cm
		LIL-RS-33	33 cm			COE01454	50 cm

KNOT PUSHER		LIL-KG-20	20 cm	C35-KG-33	33 cm	COE01510	35 cm
		LIL-KG-33	33 cm			COE01514	50 cm

ASPIRATION CANNULA		LIL-PC-20	20 cm	C35-PC-33	33 cm	-	-
		LIL-PC-33	33 cm			-	-

ASPIRATION NEEDLE		LIL-PN-20	20 cm	C35-PN-33	33 cm	C05-PN-35	35 cm
		LIL-PN-33	33 cm			C05-PN-50	50 cm

MONOPOLAR COAGULATION TIP		LIL-CT-20	20 cm	C35-CT-33	33 cm	C05-CT-35	35 cm
		LIL-CT-33	33 cm			C05-CT-50	50 cm

Articulated arm



STANDARD

COE09600

LONG

COE09605

STERILISATION BASKET LIL-BOX



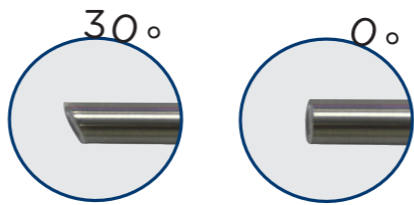
LIL-BOX

8 LAPAROSCOPE

Lighting of the operating area and its imagery are essential for recognizing details and for natural color rendering. Precise details and colors are necessary for accurate diagnosis and safe surgery. With their different directions of vision, diameters, lengths, and compatibility with common camera systems, our laparoscopes can be used for all types of laparoscopic diagnostic and operative procedures.

In addition to excellent reliability, our laparoscopes are characterized mainly by their brilliant optical properties and exceptional image brightness. In conjunction with HD camera systems, this results in high resolution and clear images with a high degree of detail.

HD³ The latest generation of laparoscopes have been specially designed for use with 4K / UHD camera systems. These third generation laparoscopes meet all requirements due to the increased image quality.



Ø 3 mm

Ø 5 mm

0 DEGREES

LIL-OPT-0	C05-OPT-0 HD³
-----------	---------------------------------

30 DEGREES

LIL-OPT-30	C05-OPT-30 HD³
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Sterilisation basket

LIL	66/S1000
C05	66/S000

Cold lights cable

FC02.5	Fiberoptic cable 4mm Olympus 96" Length
FCS2.5	Fiberoptic cable 4mm Storz 96" Length

9 10 MM INSTRUMENTS

Dissector

DOUBLE ACTION

COE02081A

Toothed Grasping Forceps

SEMM

COE02041A

ALLIS

COE02031A

Grasping Forceps

INTESTINAL CLAMP

COE02071A

BABCOCK

COE02051A



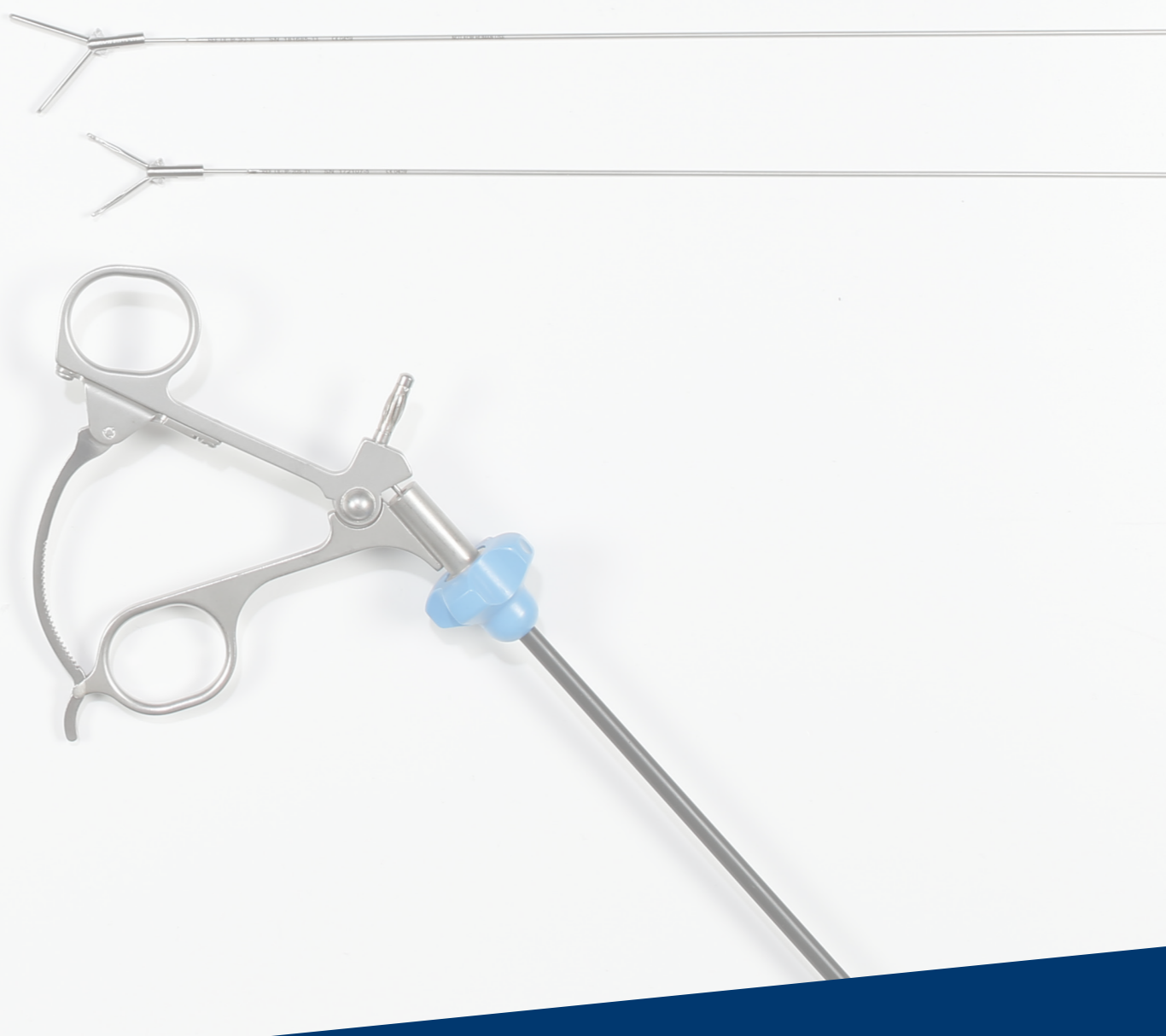
1 "to improve cosmetic"
 Pini G, Porpiglia F, Micali S, Rassweiler J. Minilaparoscopy, needlescopy and microlaparoscopy: decreasing invasiveness, maintaining the standard laparoscopic approach. Arch Esp Urol. 2012 Apr;65(3):366-83. PMID: 22495278.

2 "less post-operative pain"
 de'Angelis N, Petrucciani N, Giannandrea G, et al. The protocol of low-impact laparoscopic cholecystectomy: the combination of mini-laparoscopy and low-pressure pneumoperitoneum. Updates Surg 70, 553-556 (2018). <https://doi.org/10.1007/s13304-018-0591-8>

Muhammad S. Sajid, Munir A. Khan, Kausik Ray, Elizabeth Cheek and Mirza K. Baig. Needlescopic versus laparoscopic cholecystectomy: a meta-analysis. ANZ J Surg 79 (2009) 437-442, doi: 10.1111/j.1445-2197.2009.04945.x

Pini G, Porpiglia F, Micali S, Rassweiler J. Minilaparoscopy, needlescopy and microlaparoscopy: decreasing invasiveness, maintaining the standard laparoscopic approach. Arch Esp Urol. 2012 Apr;65(3):366-83. PMID: 22495278.

3 "reduced stays"
 Ghezzi F, Fanfani F, Malzoni M, Uccella S, Fagotti A, Cosentino F, Cromi A, Scambia G (2013) Minilaparoscopic radical hysterectomy for cervical cancer: multiinstitutional experience in comparison with conventional laparoscopy. Eur J Surg Oncol. 2013 Oct;39(10):1094-100. doi: 10.1016/j.ejso.2013.07.096. Epub 2013 Aug 12





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