

WISAP®

INSTRUMENTS

PRO-LINE / ECO-LINE



PRO-LINE

INSTRUMENTS 2 AND 3 PARTS



TWO- AND THREE-PART RIGID INSTRUMENTS FOR LAPAROSCOPY

- Low cost, reusable
- All parts autoclavable
- Ergonomic handle (left- and right handers)
- Easy assembly and disassembly
- Rapid, efficient cleaning and sterilization of instruments
- Instruments are available in different working lengths



← 3 REMOVE



AUTOCLAVABLE

**Ø10 / Ø5 MM
INSTRUMENTS**

DIFFERENT LENGTHS

PRO-LINE
INSTRUMENTS 2 AND 3 PARTS



2 PART

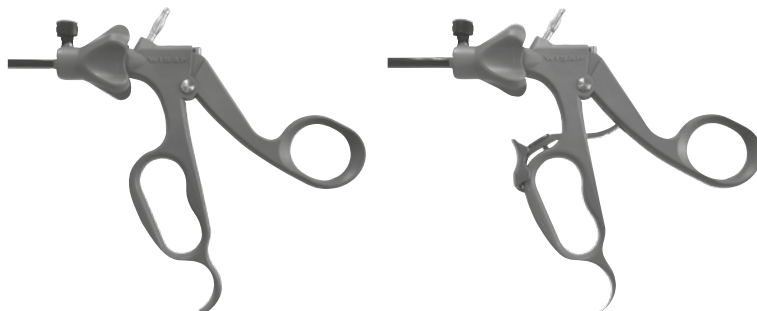


PRO-LINE
HANDLE FOR 2 PART INSTRUMENTS



ORDER DATA

HANDLE WITH HF CONNECTION

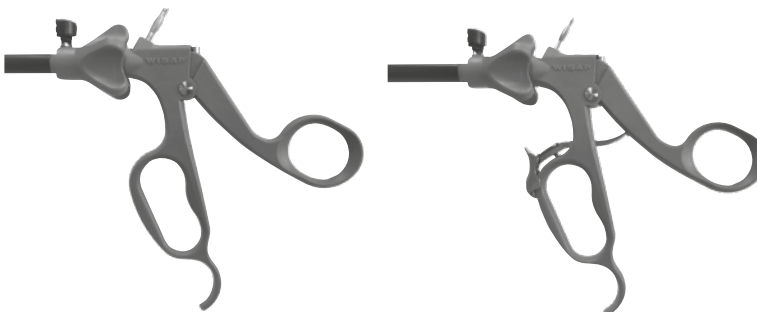


Handle versions	Handle without ratchet			Handle with ratchet		
	Working length	320 mm	340 mm	465 mm	320 mm	340 mm
Article No.	7300 HN1	7300 HN2	7300 HN3	7300 HNR1	7300 HNR2	7300 HNR3



ORDER DATA

HANDLE WITH HF CONNECTION



Handle versions	Handle without ratchet		Handle with ratchet	
	Working length	310 mm	335 mm	310 mm
Article No.	7301 HN1	7301 HN2	7301 HNR1	7301 HNR2

Only instrument insert, outer sheath and handle of the rotatable, take-apart instruments are identified by numbers. The set-numbers are only printed here but do not appear on the instrument.

PRO-LINE

DISSECTING AND GRASPING FORCEPS



ORDER DATA



	Handle without ratchet	Handle with ratchet	Instrument insert
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INSTRUMENT CONSISTING OF:

PARTS:



	Dissecting and Grasping Forceps, strong		
340 mm	7310 MF3N	7310 MF4N	7310 MFE



	Grasping Forceps, with two pairs of teeth		
320 mm	7310 MG11N	7310 MG12N	7310 MGE2
340 mm	7310 MG3N	7310 MG4N	7310 MGE



	Atraumatic Grasping Forceps multiple teeth, for atraumatic and accurate grasping		
320 mm	7310 ME11N	7310 ME12N	7310 MEE2
340 mm	7310 ME3N	7310 ME4N	7310 MEE



	Dissecting and Grasping Forceps, strong, double-action		
320 mm	7310 UL11N	7310 UL12N	7310 ULE2
340 mm	7310 UL3N	7310 UL4N	7310 ULE



	Grasping Forceps, with two pairs of teeth, double-action		
320 mm	7310 G11N	7310 G12N	7310 GE2
340 mm	7310 G3N	7310 G4N	7310 GE

PRO-LINE DISSECTING AND GRASPING FORCEPS



ORDER DATA



	Handle without ratchet	Handle with ratchet	Instrument insert
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INSTRUMENT CONSISTING OF: PARTS:



	Mixer Dissector right angled, double-action		
340 mm	7312 MR3N	7312 MR4N	7312 MRE
	Kelly Grasping Forceps, jaw slightly curved, double-action		
320 mm	7312 KF11N	7312 KF12N	7312 KFE2
340 mm	7312 KF3N	7312 KF4N	7312 KFE
	Alligator Grasping Forceps, double-action		
320 mm	7312 AG11N	7312 AG12N	7312 AGE2
340 mm	7312 AG3N	7312 AG4N	7312 AGE
	Maryland Grasping Forceps, double-action		
320 mm	7310 ML11N	7310 ML12N	7310 MLE2
340 mm	7310 ML3N	7310 ML4N	7310 MLE
	Atraumatic Grasping Forceps, double-action		
340 mm	7310 F1N	7310 F2N	7310 FE
	Claw Forceps		
320 mm	7330 KG9N	7330 KG10N	7330 KGE2
340 mm	7330 KG1N	7330 KG2N	7330 KGE
	Duck Bill Grasping Forceps		
340 mm	7310 DB1N	7310 DB2N	7310 DBE

PRO-LINE DISSECTING AND GRASPING FORCEPS



ORDER DATA



	Handle without ratchet	Handle with ratchet	Instrument insert
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INSTRUMENT CONSISTING OF:

PARTS:



mm	Atraumatic Grasping Forceps, double-action		
340 mm	7310 AF3N	7310 AF4N	7310 AFE
mm	Bowel Forceps, double-action		
340 mm	7310 D3N	7310 D4N	7310 DE
mm	Grasping Forceps acc. to Allis, double-action, jaw 30 mm		
340 mm	n.a.	7312 A2N	7312 AE
mm	Atraumatic Grasping Forceps, double-action, jaw 20 mm, DeBakey teeth 2 x 3		
340 mm	7312 D1N	7312 D2N	7312 DE
mm	Alligator Grasping Forceps, long, single action		
320 mm	n.a.	7314 AG10N	7314 AGE2
mm	Grasping Forceps acc. to Babcock		
320 mm	7310 B9N	7310 B10N	7310 BE2
mm	Fundus Grasping Forceps, double-action		
320 mm	7312 FF9N	7312 FF10N	7312 FFE2
340 mm	n.a.	7312 FF2N	7312 FFE
mm	Grasping Forceps acc. to Schertl, double-action, with teeth		
320 mm	n.a.	7314 SF10N	7314 SFE2
340 mm	n.a.	7314 SF2N	7314 SFE

PRO-LINE

CUTTING AND BIOPSY INSTRUMENTS



ORDER DATA



	Handle without ratchet	Handle with ratchet	Instrument insert
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INSTRUMENT CONSISTING OF: PARTS:



mm	INSTRUMENT CONSISTING OF:		PARTS:
	Hook Scissors		
320 mm	7320 H11N	n.a.	7320 HE2
340 mm	7320 H3N	n.a.	7320 HE
	Scissors pointed		
320 mm	7320 MI11N	n.a.	7320 MIE2
	Scissors acc. to Metzenbaum, curved, double-action		
320 mm	7320 MC11N	n.a.	7320 MCE2
340 mm	7320 MC3N	n.a.	7320 MCE
	Scissors acc. to Metzenbaum, curved, small, double-action		
320 mm	7322 MC11N	n.a.	7322 MCE2
340 mm	7322 MC3N	n.a.	7322 MCE
	Scissors acc. to Metzenbaum, curved strong, double-action		
340 mm	7324 MC3N	n.a.	7324 MCE
	Biopsy and Grasping Forceps with two teeth		
320 mm	7330 B11N	7330 B12N	7330 BE2
340 mm	7330 B3N	7330 B4N	7330 BE

PRO-LINE CUTTING AND BIOPSY INSTRUMENTS



ORDER DATA



	Handle without ratchet	Handle with ratchet	Instrument insert
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INSTRUMENT CONSISTING OF:

PARTS:



	Biopsy Forceps, pointed		
340 mm	7330 P3N	7330 P4N	7330 PE



	Biopsy Forceps, cutting through		
320 mm	7330 D11N	n.a.	7330 DE2
340 mm	7330 D3N	n.a.	7330 DE



	Spoon Forceps		
320 mm	7332 B9N	n.a.	7332 BE2
340 mm	7332 B1N	n.a.	7332 BE

PRO-LINE DISSECTING AND GRASPING FORCEPS



ORDER DATA

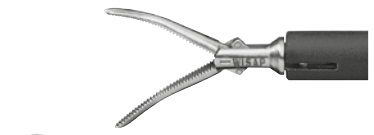


	Handle without ratchet	Handle with ratchet	Instrument insert
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INSTRUMENT CONSISTING OF: PARTS:

	Claw Forceps two rows of teeth, double-action		
310 mm	7370 ZG5N	7370 ZG6N	7370 ZGE2
335 mm	7370 ZG1N	7370 ZG2N	7370 ZGE



	Maryland Grasping Forceps, double-action		
335 mm	7350 ML3N	7350 ML4N	7350 MLE



	Grasping Forceps, acc. to Babcock, double-action, jaw 40 mm		
335 mm	7350 B1N	7350 B2N	7350 BE



	Grasping Forceps acc. to Duval, double-action, jaw 40 mm		
335 mm	7350 V1N	7350 V2N	7350 VE



ORDER DATA



	Handle without ratchet	Handle with ratchet	Instrument insert
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INSTRUMENT CONSISTING OF: PARTS:

	Large Spoon Forceps		
310 mm	7370 L11N	n.a.	7370 LE2
335 mm	7370 L3N	n.a.	7370 LE

PRO-LINE

HANDLE FOR 3 PARTS INSTRUMENT




ORDER DATA



Handle versions	Handle without ratchet	Handle with ratchet
Article no.	6300 HN3	6300 HN4

5 mm Outer sheath




 mm	outer sheath with srew-nut
340 mm	6305 SN5
	screw-nut for outer sheath 5 mm
Spare part	6305 S5M



10 mm Outer sheath



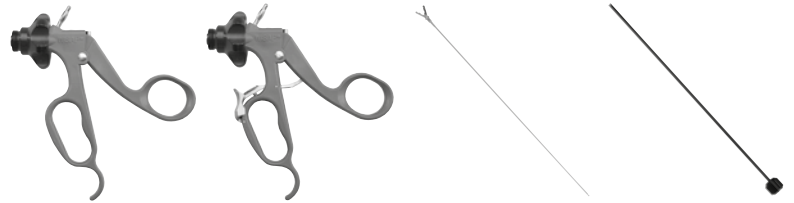
 mm	outer sheath with srew-nut
340 mm	6305 SN1
450 mm	6305 SN1L
	screw-nut for outer sheath 10 mm
Spare part	6305 S1M



PRO-LINE DISSECTING AND GRASPING FORCEPS



ORDER DATA



	Handle without ratchet	Handle with ratchet	Instrument insert	Outer sheath
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INSTRUMENT CONSISTING OF:

PARTS:

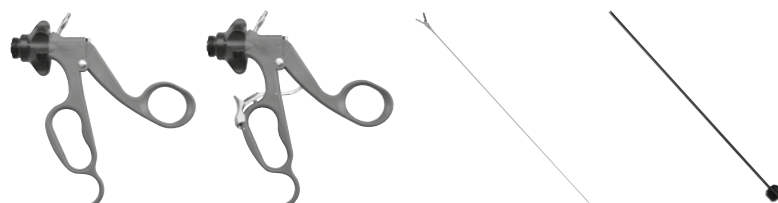


	Alligator Grasping Forceps, double-action			
340 mm	6312 AGN3	6312 AGN4	7312 AGE	6305 SN5
	Maryland Grasping Forceps, double-action			
340 mm	6310 MLN3	6310 MLN4	7310 MLE	6305 SN5
	Atraumatic Grasping Forceps, double-action			
340 mm	6310 AFN3	6310 AFN4	7310 AFE	6305 SN5
	Bowel Forceps, double-action			
340 mm	6310 DN3	6310 DN4	7310 DE	6305 SN5
	Claw Forceps			
340 mm	6330 KGN3	6330 KGN4	7330 KGE	6305 SN5
	Duck Bill Grasping Forceps			
340 mm	6310 DBN3	6310 DBN4	7310 DBE	6305 SN5
	Grasping Forceps acc. to Dorsey, double-action			
340 mm	6310 DFN3	6310 DFN4	7310 DFE	6305 SN5

PRO-LINE DISSECTING AND GRASPING FORCEPS



ORDER DATA



	Handle without ratchet	Handle with ratchet	Instrument insert	Outer sheath
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INSTRUMENT CONSISTING OF:

PARTS:

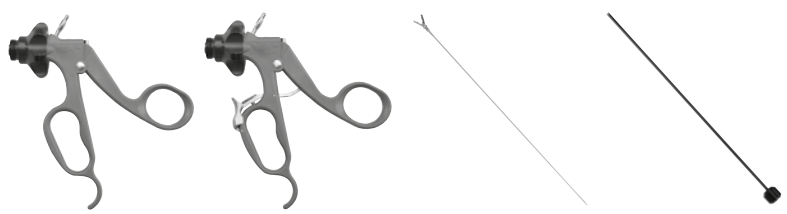
mm	Dissecting and Grasping Forceps, strong			
340 mm	6310 MFN3	6310 MFN4	7310 MFE	6305 SN5
mm	Grasping Forceps, with two pairs of teeth			
340 mm	6310 MGN3	6310 MGN4	7310 MGE	6305 SN5
mm	Atraumatic Grasping Forceps multiple teeth			
340 mm	6310 MEN3	6310 MEN4	7310 MEE	6305 SN5
mm	Dissecting and Grasping Forceps, double-action			
340 mm	6310 KJN3	6310 KJN4	7310 KJE	6305 SN5
mm	Grasping Forceps, with two pairs of teeth, double-action			
340 mm	6310 GN3	6310 GN4	7310 GE	6305 SN5
mm	Mixer Dissector right angled, double-action			
340 mm	6312 MRN3	6312 MRN4	7312 MRE	6305 SN5
mm	Kelly Grasping Forceps, jaw slightly curved, double-action			
340 mm	6312 KFN3	6312 KFN4	7312 KFE	6305 SN5



PRO-LINE DISSECTING AND GRASPING FORCEPS








ORDER DATA



	Handle without ratchet	Handle with ratchet	Instrument insert	Outer sheath
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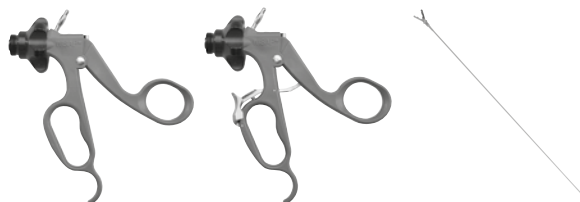
INSTRUMENT CONSISTING OF: PARTS:

	Grasping Forceps acc. to Allis, double-action, jaw 30 mm			
340 mm	6312 AN3	6312 AN4	7312 AE	6305 SN5
	Atraumatic Grasping Forceps, double-action, jaw 20 mm, DeBakey teeth 2 x 3			
340 mm	6312 DN3	6312 DN4	7312 DE	6305 SN5
	Grasping Forceps acc. to Babcock			
340 mm	6310 BN3	6310 BN4	7310 BE	6305 SN5
	Fundus Grasping Forceps, double-action			
340 mm	6312 FFN3	6312 FFN4	7312 FFE	6305 SN5
	Grasping Forceps acc. to Schertl, double-action, with teeth			
340 mm	6314 SFN3	6314 SFN4	7314 SFE	6305 SN5

PRO-LINE DISSECTING AND GRASPING FORCEPS



ORDER DATA



	Handle without ratchet	Handle with ratchet	Instrument insert	Outer sheath
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INSTRUMENT CONSISTING OF:

PARTS:

Claw Forceps two rows of teeth, double-action

mm				
450 mm	6370 ZGN7	6370 ZGN8	7370 ZGE1	6305 SN1L

Maryland Grasping Forceps, double-action

mm				
335 mm	6350 MLN3	6350 MLN4	7350 MLE	6305 SN1

Grasping Forceps, acc. to Babcock, double-action, jaw 40 mm

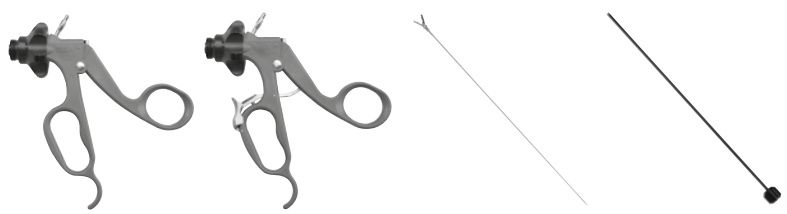
mm				
335 mm	6350 BN3	6350 BN4	7350 BE	6305 SN1



PRO-LINE CUTTING AND BIOPSY INSTRUMENTS



ORDER DATA



	Handle without ratchet	Handle with ratchet	Instrument insert	Outer sheath
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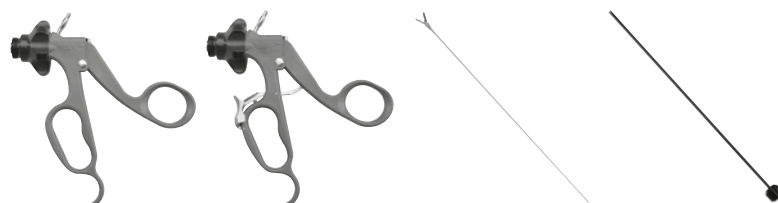
INSTRUMENT CONSISTING OF: PARTS:

	Hook Scissors			
340 mm	6320 HN3	n.a.	7320 HE	6305 SN5
	Scissors acc. to Metzenbaum, curved, double-action			
340 mm	6320 MCN3	n.a.	7320 MCE	6305 SN5
	Scissors acc. to Metzenbaum, curved strong, double-action			
340 mm	6324 MCN3	n.a.	7324 MCE	6305 SN5
	Biopsy and Grasping Forceps with two teeth			
340 mm	6330 BN3	6330 BN4	7330 BE	6305 SN5
	Biopsy Forceps, pointed			
340 mm	6330 PN3	6330 PN4	7330 PE	6305 SN5
	Biopsy Forceps, cutting through			
340 mm	6330 DN3	n.a.	7330 DE	6305 SN5
	Spoon Forceps			
340 mm	6332 BN3	6332 BN4	7332 BE	6305 SN5

PRO-LINE CUTTING AND BIOPSY INSTRUMENTS



ORDER DATA



Handle without ratchet	Handle with ratchet	Instrument insert	Outer sheath
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INSTRUMENT CONSISTING OF:

PARTS:

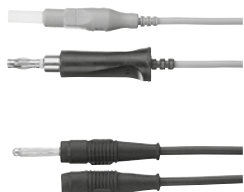
mm	Large Spoon Forceps			
335 mm	6370 LN3	6370 LN4	7370 LE	6305 SN1

INSTRUMENT CABLE FOR UNIPOLAR COAGULATION

MONOPOLAR SAFETY CABLES

Safety Cables

- Makes conventional 4 mm plug touch-safe.
- Grey cable colour: For better visual control of disinfection success.
- Different plug colours for easy identification of connection sides.
- Fitting to all common coagulators.



HF CABLE, L = 3 M:

7658 K1	Instrument cable fitting to Erbe ACC/ICC-Series-Coagulator
7658-0	Instrument cable

ECO-LINE

INSTRUMENTS 3 PARTS 5MM / 10MM

THREE-PART RIGID
INSTRUMENTS FOR
LAPAROSCOPY

- LOW COST
- ALL PARTS AUTOCLAVABLE
- HIGH QUALITY
- ERGONOMIC HANDLE
- DESIGNED FOR LEFT AND RIGHT HANDER
- CLICK-ASSEMBLY



ECO-LINE

INSTRUMENTS 3 PARTS 5MM / 10MM



AUTOCLAVABLE

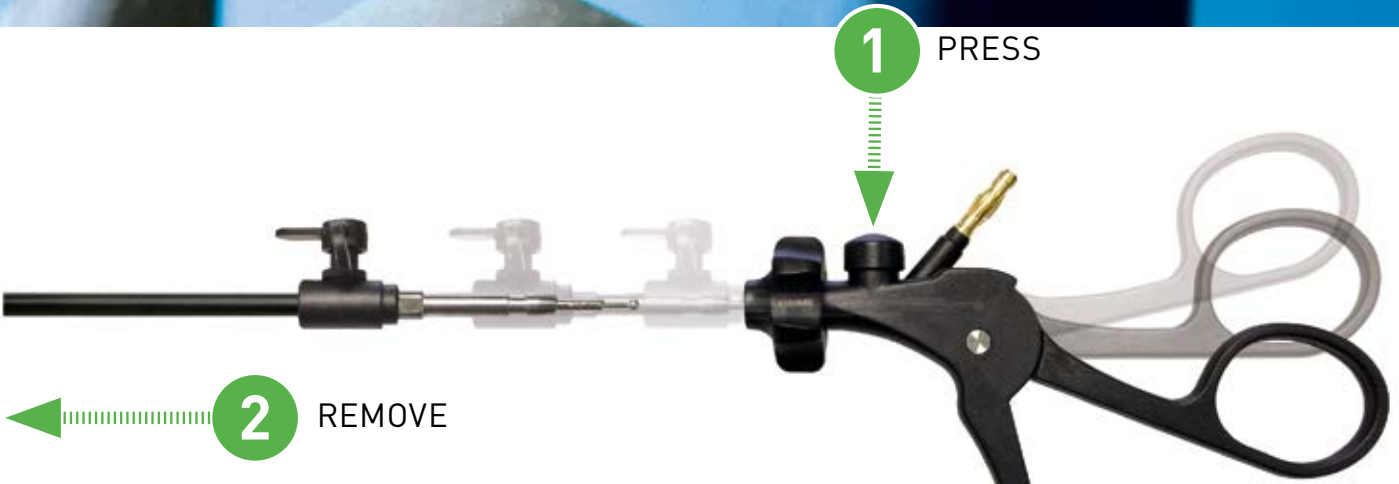
Ø10 / Ø5 MM
INSTRUMENTS

HF CONNECTION

ROTATING

EASY ASSEMBLY

1 PRESS



ECO-LINE

HANDLE FOR INSTRUMENTS



ORDER DATA

HANDLE WITH HF CONNECTION



Handle versions	Handle without ratchet	Handle with ratchet
Article No.	2000 H	2000 HR

ECO-LINE CUTTING INSTRUMENTS



ORDER DATA



	Handle without ratchet	Handle with ratchet	Instrument insert	Outer sheath
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COMPLETE INSTRUMENT

ACCESSORIES



mm		Hook scissors, straight			
330 standard	2001S5	n.a.	2001IS	2000TS5	
430 bariatric	2001L5	n.a.	2001IL	2000TL5	



mm		Peritoneal scissors, straight			
330 standard	2002S5	n.a.	2002IS	2000TS5	
430 bariatric	2002L5	n.a.	2002IL	2000TL5	



mm		Micro-Dissecting scissors, straight			
330 standard	2003S5	n.a.	2003IS	2000TS5	
430 bariatric	n.a.	n.a.	n.a.	n.a.	



mm		Micro-Dissecting scissors, curved			
330 standard	2004S5	n.a.	2004IS	2000TS5	
430 bariatric	n.a.	n.a.	n.a.	n.a.	



mm		Metzenbaum dissection-scissors, short, curved			
330 standard	2005S5	n.a.	2005IS	2000TS5	
430 bariatric	n.a.	n.a.	n.a.	n.a.	



mm		Metzenbaum dissection-scissors, straight			
330 standard	2006S5	n.a.	2006IS	2000TS5	
430 bariatric	2006L5	n.a.	2006IL	2000TL5	



mm		Metzenbaum dissection-scissors, curved			
330 standard	2007S5	n.a.	2007IS	2000TS5	
430 bariatric	2007L5	n.a.	2007IL	2000TL5	

ECO-LINE

BIOPSY INSTRUMENTS



ORDER DATA



	Handle without ratchet	Handle with ratchet	Instrument insert	Outer sheath
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COMPLETE INSTRUMENT

ACCESSORIES



mm		Biopsy forceps			
330 standard		2008S5	n.a.	2008IS	2000TS5
430 bariatric		2008L5	n.a.	2008IL	2000TL5



mm		Biopsy forceps, with thorn			
330 standard		2009S5	2009SR5	2009IS	2000TS5
430 bariatric		2009L5	n.a.	2009IL	2000TL5



mm		Blakesly, Biopsy forceps			
330 standard		2010S5	n.a.	2010IS	2000TS5
430 bariatric		2010L5	n.a.	2010IL	2000TL5



mm		Biopsy punch			
330 standard		2011S5	n.a.	2011IS	2000TS5
430 bariatric		2011L5	n.a.	2011IL	2000TL5



mm		Biopsy punch			
330 standard		2012S5	n.a.	2012IS	2000TS5
430 bariatric		2012L5	n.a.	2012IL	2000TL5

ECO-LINE GRASPING FORCEPS



ORDER DATA



	Handle without ratchet	Handle with ratchet	Instrument insert	Outer sheath
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COMPLETE INSTRUMENT

ACCESSORIES



mm		Grasping forceps			
330	standard	2013S5	2013SR5	2013IS	2000TS5
430	bariatric	2013L5	2013LR5	2013IL	2000TL5



mm		Grasping forceps, fenestrated			
330	standard	n.a.	2014SR5	2014IS	2000TS5
430	bariatric	n.a.	2014LR5	2014IL	2000TL5



mm		Grasping forceps, delicate pattern			
330	standard	n.a.	2015SR5	2015IS	2000TS5
430	bariatric	n.a.	2015LR5	2015IL	2000TL5



mm		Grasping forceps, heavy pattern			
330	standard	n.a.	2016SR5	2016IS	2000TS5
430	bariatric	n.a.	2016LR5	2016IL	2000TL5



mm		Grasping forceps, heavy pattern			
330	standard	n.a.	2017SR5	2017IS	2000TS5
430	bariatric	n.a.	2017LR5	2017IL	2000TL5



mm		Grasping forceps, pointed			
330	standard	n.a.	2018SR5	2018IS	2000TS5
430	bariatric	n.a.	2018LR5	2018IL	2000TL5



mm		Grasping forceps			
330	standard	n.a.	2019SR5	2019IS	2000TS5
430	bariatric	n.a.	2019LR5	2019IL	2000TL5

ECO-LINE

DISSECTION FORCEPS



ORDER DATA



Handle without ratchet

Handle with ratchet

Instrument insert

Outer sheath

COMPLETE INSTRUMENT

ACCESSORIES



mm		Dissection forceps, atraumatic			
330 standard		2020S5	2020SR5	2020IS	2000TS5
430 bariatric		2020L5	2020LR5	2020IL	2000TL5



mm		Maryland dissection forceps, curved			
330 standard		2021S5	n.a.	2021IS	2000TS5
430 bariatric		2021L5	n.a.	2021IL	2000TL5



mm		Dissection forceps, curved 45°			
330 standard		2022S5	n.a.	2022IS	2000TS5
430 bariatric		2022L5	n.a.	2022IL	2000TL5



mm		Dissection forceps, curved 90°			
330 standard		2023S5	n.a.	2023IS	2000TS5
430 bariatric		2023L5	n.a.	2023IL	2000TL5



mm		Kelly dissection-grasping forceps, atraumatic			
330 standard		2048S5	2048SR5	2048IS	2000TS5
430 bariatric		n.a.	n.a.	n.a.	n.a.

ECO-LINE GRASPING FORCEPS



ORDER DATA



	Handle without ratchet	Handle with ratchet	Instrument insert	Outer sheath
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COMPLETE INSTRUMENT

ACCESSORIES



mm	DeBakey Grasping forceps, atraumatic			
330 standard	n.a.	2024SR5	2024IS	2000TS5
430 bariatric	n.a.	2024LR5	2024IL	2000TL5



mm	Grasping forceps			
330 standard	n.a.	2025SR5	2025IS	2000TS5
430 bariatric	n.a.	2025LR5	2025IL	2000TL5



mm	Grasping forceps, 2X3 teeth			
330 standard	n.a.	2026SR5	2026IS	2000TS5
430 bariatric	n.a.	2026LR5	2026IL	2000TL5



mm	Grasping forceps HI, tungsten carbide			
330 standard	n.a.	2027SR5	2027IS	2000TS5
430 bariatric	n.a.	2027LR5	2027IL	2000TL5



mm	Claw forceps, 2X3 teeth			
330 standard	n.a.	2028SR5	2028IS	2000TS5
430 bariatric	n.a.	n.a.	n.a.	n.a.



mm	Grasping forceps, clinch			
330 standard	n.a.	2046SR5	2046IS	2000TS5
430 bariatric	n.a.	n.a.	n.a.	n.a.



mm	Grasping forceps, dorsey			
330 standard	n.a.	2049SR5	2049IS	2000TS5
430 bariatric	n.a.	n.a.	n.a.	n.a.

ECO-LINE

GRASPING FORCEPS



ORDER DATA



	Handle without ratchet	Handle with ratchet	Instrument insert	Outer sheath
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COMPLETE INSTRUMENT

ACCESSORIES



mm		Allis grasping forceps			
330 standard	n.a.	2029SR5	2029IS	2000TS5	
430 bariatric	n.a.	n.a.	n.a.	n.a.	



mm		Allis grasping forceps, DeBakey, atraumatic			
330 standard	n.a.	2030SR5	2030IS	2000TS5	
430 bariatric	n.a.	n.a.	n.a.	n.a.	



mm		Endo forceps, with single DeBakey, closing protection			
330 standard	n.a.	2031SR5	2031IS	2000TS5	
430 bariatric	n.a.	n.a.	n.a.	n.a.	



mm		Kocher grasping forceps, DeBakey, atraumatic			
330 standard	n.a.	2032SR5	2032IS	2000TS5	
430 bariatric	n.a.	n.a.	n.a.	n.a.	



mm		Endo-lung palpation forceps			
330 standard	2033S5	n.a.	2033IS	2000TS5	
430 bariatric	n.a.	n.a.	n.a.	n.a.	



mm		Babcock grasping forceps			
330 standard	n.a.	2047SR5	2047IS	2000TS5	
430 bariatric	n.a.	n.a.	n.a.	n.a.	

ECO-LINE SUTURE-INSTRUMENTS



ORDER DATA



	Handle without ratchet	Handle with ratchet	Instrument insert	Outer sheath
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COMPLETE INSTRUMENT

ACCESSORIES



	Needle holder with tungsten carbide inserts			
330 standard	n.a.	2035SR5	2035IS	2000TS5
430 bariatric	n.a.	n.a.	n.a.	n.a.



	Suture fixation forceps, u-shaped jaws			
330 standard	n.a.	2036SR5	2036IS	2000TS5
430 bariatric	n.a.	n.a.	n.a.	n.a.

ECO-LINE

ENDO FORCEPS



ORDER DATA



Handle without ratchet

Handle with ratchet

Instrument insert

Outer sheath

COMPLETE INSTRUMENT

ACCESSORIES



mm		Operating scissors, large			
330	standard	2037S10	2037SR10	2037IS	2000TS10
430	bariatric	n.a.	n.a.	n.a.	n.a.

mm		Spoon forceps, large			
330	standard	2038S10	2038SR10	2038IS	2000TS10
430	bariatric	n.a.	n.a.	n.a.	n.a.

mm		Claw forceps, 2x3 teeth			
330	standard	n.a.	2039SR10	2039IS	2000TS10
430	bariatric	n.a.	n.a.	n.a.	n.a.

mm		Maryland dissection forceps, curved			
330	standard	2041S10	2041SR10	2041IS	2000TS10
430	bariatric	n.a.	n.a.	n.a.	n.a.

mm		Dissection grasping forceps, DeBakey, atraumatic			
330	standard	2052S10	2052SR10	2052IS60	2000TS10
430	bariatric	n.a.	n.a.	n.a.	n.a.

ECO-LINE GRASPING FORCEPS



ORDER DATA



	Handle without ratchet	Handle with ratchet	Instrument insert	Outer sheath
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COMPLETE INSTRUMENT

ACCESSORIES



mm		Grasping forceps, heavy pattern			
330 standard	n.a.	2040SR10	2040IS	2000TS10	
430 bariatric	n.a.	n.a.	n.a.	n.a.	



mm		Allis grasping forceps, DeBakey			
330 standard	n.a.	2042SR10	2042IS	2000TS10	
430 bariatric	n.a.	n.a.	n.a.	n.a.	



mm		Allis grasping forceps, DeBakey, atraumatic			
330 standard	n.a.	2043SR10	2043IS	2000TS10	
430 bariatric	n.a.	n.a.	n.a.	n.a.	



mm		Babcock forceps			
330 standard	n.a.	2044SR10	2044IS	2000TS10	
430 bariatric	n.a.	n.a.	n.a.	n.a.	



mm		Babcock forceps, DeBakey, atraumatic			
330 standard	n.a.	2045SR10	2045IS	2000TS10	
430 bariatric	n.a.	n.a.	n.a.	n.a.	



mm		Duval grasping forceps			
330 standard	n.a.	2050SR10	2050IS	2000TS10	
430 bariatric	n.a.	n.a.	n.a.	n.a.	



mm		Collin grasping forceps			
330 standard	n.a.	2051SR10	2051IS	2000TS10	
430 bariatric	n.a.	n.a.	n.a.	n.a.	

ECO-LINE

GRASPING FORCEPS



ORDER DATA



	Handle without ratchet	Handle with ratchet	Instrument insert	Outer sheath
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COMPLETE INSTRUMENT

ACCESSORIES



mm		Kocher grasping forceps, atraumatic, jaw length 50mm			
330 standard	n.a.	2053SR1050	2053IS50	2000TS10	
430 bariatric	n.a.	n.a.	n.a.	n.a.	



mm		Kocher grasping forceps, atraumatic, jaw length 60mm			
330 standard	n.a.	2053SR1060	2053IS60	2000TS10	
430 bariatric	n.a.	n.a.	n.a.	n.a.	



mm		Kocher grasping forceps, single DeBakey, atraumatic, jaw length 50mm			
330 standard	n.a.	2054SR1050	2054IS50	2000TS10	
430 bariatric	n.a.	n.a.	n.a.	n.a.	



mm		Kocher grasping forceps, single DeBakey, atraumatic, jaw length 60mm			
330 standard	n.a.	2054SR1060	2054IS60	2000TS10	
430 bariatric	n.a.	n.a.	n.a.	n.a.	



mm		Kocher grasping forceps, double DeBakey, atraumatic, jaw length 50mm			
330 standard	n.a.	2055SR1050	2055IS50	2000TS10	
430 bariatric	n.a.	n.a.	n.a.	n.a.	



mm		Kocher grasping forceps, double DeBakey, atraumatic, jaw length 60mm			
330 standard	n.a.	2055SR1060	2055IS60	2000TS10	
430 bariatric	n.a.	n.a.	n.a.	n.a.	

ECO-LINE ENDO FORCEPS



ORDER DATA



	Handle without ratchet	Handle with ratchet	Instrument insert	Outer sheath
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COMPLETE INSTRUMENT

ACCESSORIES



	Endo forceps, double DeBakey, closing protection, jaw length 50 mm			
330 standard	n.a.	2056SR1050	2056IS50	2000TS10
430 bariatric	n.a.	n.a.	n.a.	n.a.



	Endo forceps, single DeBakey, closing protection, jaw length 60 mm			
330 standard	n.a.	2056SR1060	2056IS60	2000TS10
430 bariatric	n.a.	n.a.	n.a.	n.a.



	Endo forceps, double DeBakey, closing protection, jaw length 50 mm			
330 standard	n.a.	2057SR1050	2057IS50	2000TS10
430 bariatric	n.a.	n.a.	n.a.	n.a.



	Endo forceps, single DeBakey, closing protection, jaw length 60 mm			
330 standard	n.a.	2057SR1060	2057IS60	2000TS10
430 bariatric	n.a.	n.a.	n.a.	n.a.

BIPOLAR COAGULATION INSTRUMENTS

BIPOLAR COAGULATION FORCEPS



	Coagulation instrument	Instrument insert	Inner sheath	Outer sheath	Ring handle	Adaptor
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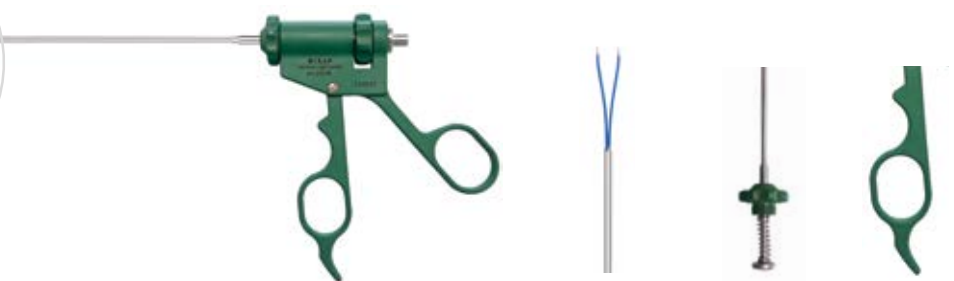
INSTRUMENT CONSISTING OF:

PARTS:

	mm	Bipolar Tubing Grasping Forceps Electrode, waved web, acc. to Hirsch					
340 mm	6340 K1	6340-1	6340 A	6340 I	6340 R	6340 AD	
	mm	Bipolar Tweezers Electrode, straight					
340 mm	6340 K2	6340-2	6340 A	6340 I	6340 R	6340 AD	
	mm	Bipolar Grasping Forceps Electrode, fluted					
340 mm	6340 K3	6340-3	6340 A	6340 I	6340 R	6340 AD	
	mm	Bipolar Grasping Forceps Electrode, jaw 3 mm					
340 mm	6340 K4	6340-4	6340 A	6340 I	6340 R	6340 AD	
	mm	Bipolar Scissors Electrode, curved long with tungsten carbide cutting acc. to Metzenbaum					
340 mm	6340 K6	6340-6	6340 A	6340 I	6340 R	6340 AD	
	mm	Bipolar Dissection Electrode, curved acc. to Maryland					
340 mm	6340 K7	6340-7	6340 A	6340 I	6340 R	6340 AD	
	mm	Bipolar Scissors Electrode, curved long acc. to Metzenbaum					
340 mm	6340 K8	6340-8	6340 A	6340 I	6340 R	6340 AD	

BIPOLAR COAGULATION INSTRUMENTS

BIPOLAR COAGULATION FORCEPS



Coagulation instrument	Instrument insert	Double Sheath	Ring handle
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INSTRUMENT CONSISTING OF:

PARTS:



mm				
	Bipolar Tubing Grasping Forceps Electrode, waved web, acc. to Hirsch			
340 mm	6341 K1	6341-1	6341 IA	6341 R
	Bipolar Tweezers Electrode, straight			
340 mm	6341 K2	6341-2	6341 IA	6341 R

BIPOLAR CABLES

Plug generator-side

Plug instrument-side








	5 mm	3 mm microline
Applicable to the following Systems		
Bipolar instrument cable for HF-generator (ERBE), length 3m	1371	1372
Cable for HF-generator (MARTIN/BERCHTOLD/AESCULAP GK55/GK60), l=3m	1371-1	1372-1
Bipolar Cable for HF-generator (VALLEYLAB/LAMIDEY/EMC), length 3	1371-2	1372-2
Bipolar instrument cable for HF-generator (2-BANANA), length 3m	1371-3	1372-3

INSTRUMENTS FOR HF COAGULATION

5 mm

Electrodes for unipolar coagulation



	 mm	 mm	with rinsing channel	without rinsing channel
	330 mm	5 mm	7658-4	7658-9
	330 mm	5 mm	7658-3	7658-8
	330 mm	5 mm	7658-2	7658-7
	330 mm	5 mm	7658-1	7658-6
	330 mm	5 mm		7658-10

BIPOLARE COAGULATION INSTRUMENTS



CONNECTION WITH PIN COUPLING



	Elastic handle with spring	Instrument insert	Outer shaft
	7585 ZHB		

INSTRUMENT CONSISTING OF:

PARTS:



mm	Bipolar Coagulation Forceps		
330 mm	7585 ZB	7585 ZE	7585 ZS
450 mm	7585-1ZB	7585 ZE1	7585 ZS1



mm	Fine Bipolar Coagulation Forceps		
330 mm	7585-2ZB	7585 ZE2	7585 ZS



mm	Broad Bipolar Forceps		
330 mm	7588 ZB	7588 ZE	7585 ZS



mm	Broad Bipolar Forceps, transverse fluting		
330 mm	7588-2ZB	7588 ZE2	7585 ZS



HF CABLE, L = 3 M:

7658 K1	Instrument cable with safety tube fitting to Erbe ACC/ICC-Series-Coagulator
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7658 K2	Instrument cable with safety tube with "Bovie Jack" plug fitting to Valleylab-, Conmed-, Bovie-Coagulator
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7658-0	Instrument Cable
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INSTRUMENT CABLE FOR BIPOLAR COAGULATION INSTRUMENTS - TAKE-APART



HF CABLE, L = 3 M:

7658 Z	Instrument Cable for instruments, fitting to WISAP-, Storz-, Erbe-coagulator
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INSTRUMENTS SUTURE, LIGATURE

5 mm

NEEDLE HOLDER WITH IRRIGATION CHANNEL




 mm	Handle take apart	Instrument insert
	7668 VG	


INSTRUMENT CONSISTING OF:

PARTS:



 mm	Needle Holder straight, with TC-inlet	
330 mm	7668 VA	7668 EA



 mm	Needle Holder curved to the left	
330 mm	7668 VA1	7668 EA1



 mm	Needle Holder curved to the right	
330 mm	7668 VA2	7668 EA2

10 mm

CLIP-APPLICATOR WITH IRRIGATION CHANNEL




Combination handle

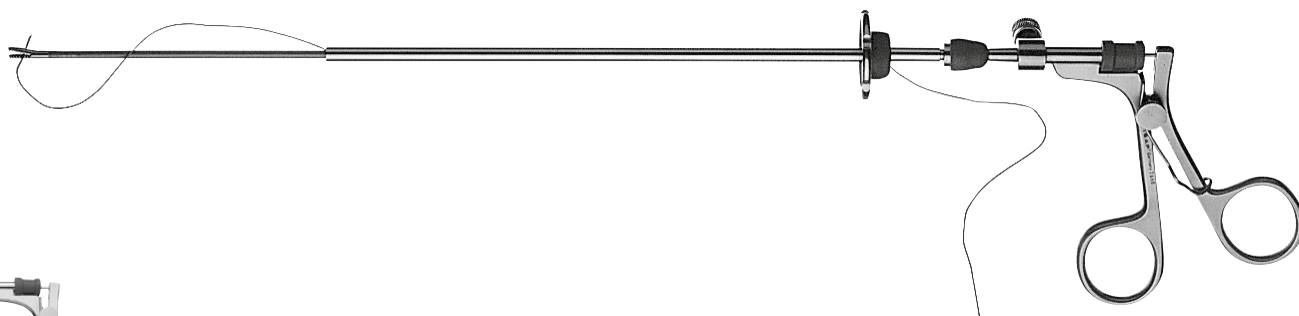
INSTRUMENT

PARTS:



 mm	Clip-Applicator, rotatable	Titan Clip LT 300
330 mm	7671 M3	7671 MC3

INSTRUMENTS SUTURE, LIGATURE



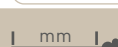

3 mm 5 mm

NEEDLE HOLDER ACC TO SEMM



Scissors handle with spring

INSTRUMENT CONSISTING OF:





 mm	 mm	Needle Holder, acc. to Semm, with hard-metal insert
330 mm	5 mm	7668 M5





 mm	 mm	Needle holder, acc. to Semm, with single-bottom tooth
330 mm	3 mm	7668 Z3
330 mm	5 mm	7668 Z5



 mm	 mm	Endoscopic Needle Blocker (ENB), acc. to Semm
330 mm	5 mm	7668 H5



5 mm



 mm	 mm	Applicator for suture- and ligature instruments, acc. to Semm, as well as for 3 mm needle holder
148 mm	5 mm	7663 K
170 mm	5 mm	7663

4,5 mm



 mm	 mm	Knot Guide with eyelet, acc. to Semm, (only usable with applicator 7663 or 7663 K)
330 mm	4,5 mm	7669 E

5-PRONG ELEVATOR

5 mm



5-prong Elevator

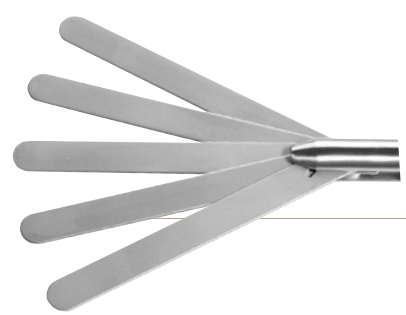
- Five fan rounded, flexible around 70°, expandable around 60°, working length 390 mm
- Easy and problem-free positioning of the instrument at the organ by simple rotation as well as ergonomically adaptable adjusting wheels
- Rapid and efficient cleaning and sterilisation of the instrument, being demountable in 4 parts
- Made of stainless steel



5 mm

5 mm 5-PRONG ELEVATOR



Rotation handle

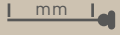



 mm	 mm	5-Prong Elevator angular position possible, take-apart
390 mm	10 mm	7985 N1



SURGERY/GYNAECOLOGY INSTRUMENTS

INSTRUMENTS





5 mm	 mm	 mm	Vasoconstrict-Application-Set, acc. to Semm
	150 mm	5 mm	7657-1
	207 mm	5 mm	7657-1L





0,8 mm	 mm	 mm	Injection Needle, 5 pcs.p.pck.
	215 mm	0,8 mm	7657-2
	270 mm	0,8 mm	7657-2L





5 mm	10 mm	 mm	 mm	Myoma Drill, acc. to Semm
		420 mm	5 mm	7689 MB5
		420 mm	10 mm	7689 MB1








10 mm	 mm	 mm	Drainage-Appikator, acc. to Semm, for safe drainage, especially for lavage of the abdominal region.
	200 mm	20 mm	7676-1



5 mm	 mm	 mm	Palpation Probe, acc. to Semm
	330 mm	5 mm	7656-3
	450 mm	5 mm	7656-4





	3,5 mm	 mm	 mm	Emergency Needle, acc. to Semm, for ligature of the abdominal wall under endoscopic view.
		200 mm	3,5 mm	7664

3 mm	 mm	 mm	Suction Manipulator with trocar
	220 mm	3 mm	7659



SURGERY/GYNAECOLOGY INSTRUMENTS

INSTRUMENTS

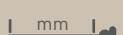



5 mm	 mm	 mm	Irrigation Tube
	330 mm	5 mm	7657





5 mm	 mm	 mm	Suction Manipulator, acc. to Semm
	330 mm	5 mm	7660

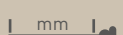



5 mm	 mm	 mm	Aspiration Cannula, acc. to Semm
	330 mm	5 mm	7660-2






5 mm	 mm	 mm	Aspiration Cannula for puncture of cysts, acc. to Semm
	330 mm	5 mm	7656




5 mm	 mm	 mm	Aspiration and Suction Cannula for blood coagula, acc. to Semm
	330 mm	5 mm	7656-2



	5 mm	 mm	 mm	Cholangiography-Fixation Clamp with channel for catheter 5 Ch.
		330 mm	5 mm	7656-8

	5 Ch.	7 Ch.	 mm	 mm	Suction Catheter
			600 mm	5 Ch.	1154
			600 mm	7 Ch.	1154-1

	Peritoneal Speculum, to extend the incision and for problem - free extraction of organs in laparoscopic surgery - e.g. removal of a particularly large gallbladder. Three branches for simple and uniform extension of the incision. Mechanism to lock branches in place.
	7943 W

CLEANING PISTOL

**Cleaning Pistol**

Rapid and efficient cleaning of instruments with water by using the WISAP cleaning pistol.

- Durable metal version, ergonomic construction
- Excellent handling
- PVC tube, crystal-clear with fabric reinforcement
- Useable for air pressure or water connection
- Metal parts rustproof
- Available with different adaptors



HIGH QUALITY

INSTRUMENTS

7788 WN1	Cleaning Pistol Set min, consist. of: 7788 WN Cleaning Pistol and 7788 WL Adaptor Cleaning pistol with stainless steel connections, 1/4" water connection, tubing length: 1,5 m
7788 WN	dto. cleaning pistol separate
7788 WL	Adaptors fitting for LL connections, for instruments and gearboxes, stainless steel



CLEANING AND CARE



7785	Instrument Oil, bottle 10 ml, 2 pcs. p. pck
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7787	"Duraglit" cotton for polishing metal sheaths and instruments, 2 pcs.p.pck.
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CLEANING PISTOL



INSTRUMENTS

7788 WN2	Cleaning Pistol Set max, 11 parts, consist. of: 7788 WN Cleaning Pistol 7788 WA - 7788 WL Adaptor 7788 WH Wall Holder Cleaning pistol w. stainless steel con., 1/4" water connection, tubing length: 1,5 m
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7788 WN	dto. cleaning pistol separate
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7788 WA	Adaptors for syringes and cannulas with record cone, stainless steel
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7788 WB	Adaptors for measuring and blood pipettes, stainless steel
---------	--



7788 WC	Adaptors for catheters, valves etc., stainless steel
---------	--



7788 WD	Adaptors for drainage tubings, stainless steel
---------	--



7788 WE	Adaptors for syringes and cannulas with Luer cone, stainless steel
---------	--



7788 WF	Spray jet for surfaces and cavities, stainless steel
---------	--



7788 WG	Adaptors for bottles and Erlenmeyer flasks, stainless steel
---------	---



7788 WK	Water jet pump for suction out of corners and cavities, stainless steel
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7788 WL	Adaptors fitting for LL connections, for instruments and gearboxes, stainless steel
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7788 WH	Wall Holder for adaptors
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7788 WT	Support for adaptors
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PERSONAL NOTES

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