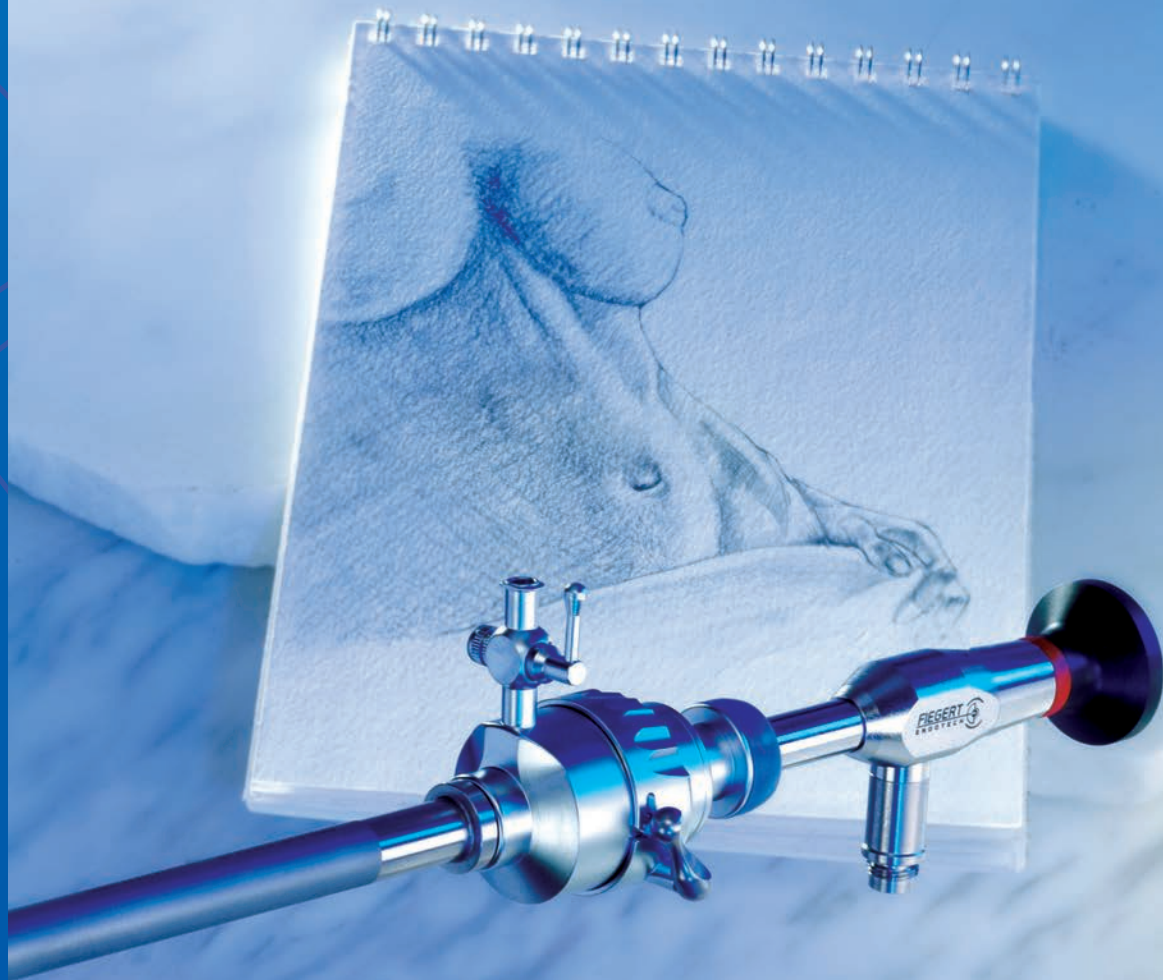


FIGGERT
ENDOTECH



LAP



 **MADE IN GERMANY**



ACC



LAP



GYN



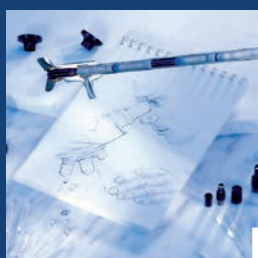
URO



ART



ORL



REP

The following brochures are available:

- *Devices + Accessories*
- *Laparoscopy*
- *Gynecology*
- *Urology*
- *Arthroscopy*
- *ENT (ORL)*
- *Rep.-Service Endoscopes*

Certificates see last page



LAP - Laparoscopy

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Laparoscopes HD - HIGH DEFINITION



Ø	Working length	Direction of view	REF.-NO.
5,5 mm	30 cm	0°	200.0500.HD
		30°	200.0530.HD
10,0 mm	33 cm	0°	200.1000.HD
		30°	200.1030.HD
		45°	200.1045.HD



In case of HD optics, a special optical system was calculated, which takes into account the requirements of the High-Definition-System (HD monitor, HD camera, HD-TV adapter)!

For production of these endoscopes we use only the very best and most expensive components (rod lenses, objectives, prisms...)!

Other features are:

- optimized brightness and contrast ratios also in the edge region !
- area-covering maximum image sharpness !
- large depth of field reduces manual refocusing !
- reduced glare and reflection of the instruments !
- front lens of scratchproof sapphire glass !

Standard-Laparoscopes



Laparoscopes - **A-Line** (Standard):

Ø	Direction of view	Working length	REF.-NO. :	
5 mm	0°	30 cm	200.0500.A	
		43 cm	204.0500.A	
		49 cm	205.0500.A	
	30°	30 cm	200.0530.A	
		43 cm	204.0530.A	
		49 cm	205.0530.A	
	70°	49 cm	205.0570.A	
	10 mm	0°	31,5 cm	200.1000.A
			35 cm	200.1000.A.35
43 cm			204.1000.A	
30°		31,5 cm	200.1030.A	
		35 cm	200.1030.A.35	
		43 cm	204.1030.A	
45°		32,2 cm	200.1045.A	
43 cm		204.1045.A		




Laparoscopes - **X-Line** (Low-Cost):

Ø	Direction of view	Working length	REF.-NO. :
5 mm	0°	30 cm	200.0500.X
	30°		200.0530.X
10 mm	0°	33 cm	200.1000.X
	30°		200.1030.X

Automatic Trocar Sleeve



Automatic trocar sleeve, with insufflation stop cock and manual opening of trap door valve

Ø	Length	Sleeve	Trocar Pyramidal	Trocar Conical
				
5,0	92 mm	213.0050	213.0050.D	213.0050.K
5,5	95 mm	213.0055	213.0055.D	213.0055.K
10,0	97 mm	213.0010	213.0010.D	213.0010.K
11,0	101 mm	213.0011	213.0011.D	213.0011.K
12,5	98 mm	213.0012.5	213.0012.5D	213.0012.5K

Fixation sleeve spiral type for percutaneous screwing and fixation of trocar sleeves

Ø	REF.-NO. :
5,0 mm	210.0005
5,5 mm	210.0055
10,0 mm	210.0010
12,5 mm	210.0012



Safety Trocar



Safety-trocar reusable, cutting, with automatic edge cover, dismountable, fitting to standard trocar sleeves



\varnothing	REF.-NO. :
5,0 mm	210.0504
5,5 mm	210.5504
10 mm	210.1004
11 mm	210.1105
12,5mm	210.1204
15 mm	210.1504

Reducer



Reducer sleeve

	REF.-NO. :		REF.-NO. :
5 mm - 4 mm	210.0506	15 mm - 5,0/5,5 mm	210.1509
10 mm - 5,0/5,5 mm	210.1008	15 mm - 10 mm	210.1508
11 mm - 5,0/5,5 mm	210.1108	20 mm - 5,5 mm	210.2055
12,5 mm - 5,0/5,5 mm	210.1208	20 mm - 10 mm	210.2010
12,5 mm - 10 mm	210.1209	20 mm - 15 mm	210.2015

Dilation



Dilation set with guide probe

5mm/10mm	210.1006
5mm/11mm	210.1107
10mm/15mm	210.1506
11mm/15mm	210.2006
11mm/20mm	210.2009

Basic-Line - Monopolar - Dismountable - Ø 5 mm - WL 33 cm



Instruments consisting of Handle, Sheath Tube and Inner Part with HF connection - with or without ratchet

(The below five "basic" Inner Parts are available only ! The *Basic-Line* is NOT compatible to the *Standard-Line* !)

Handle without ratchet	223.0000
Handle with ratchet	223.0000.R
Sheath tube	223.5300

Inner parts:



Metzenbaum scissors, curved 223.5341



Atraumatic forceps 223.5305



Claw grasper, 2:3 teeth 223.5308



Universal forceps 223.5317

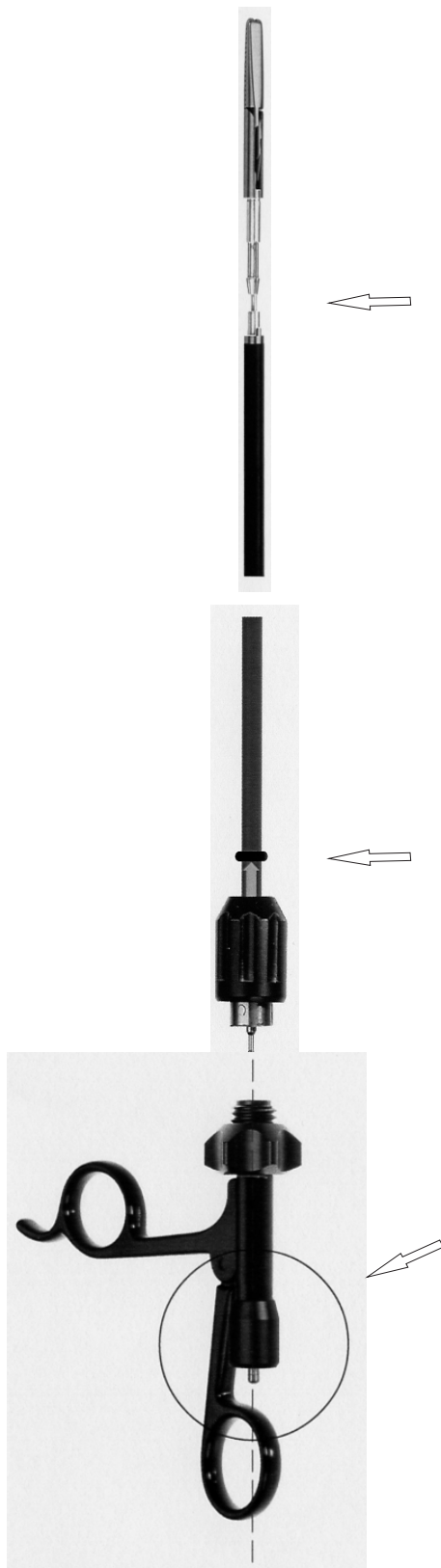


Maryland dissector, curved 223.5321

Standard-Line - Monopolar - Dismountable - Features

Complete Instrument = Handle + Tube + Inner Part

- very easy dismountable
- autoclavable 134° C / 2 bar
- 360°- rotatable due to rotation modulus
- different handles, sheath tubes and inner parts offer various combination possibilities



Mechanical snap-action coupling

The modular laparoscopic instruments have a unique snap-action coupling which, offers the combined advantage of the speediest possible assembly and a long service life. The union of the working insert and sleeve shaft is achieved by simply inserting the components axially into each other. A simple click and you are ready! The groove-and-tongue principle practically rules out the possibility of the locking mechanism coming undone, as is the case with conventional screw or bayonet connections.






Onion nut stopper

An O-ring on the sleeve shaft of the instruments prevents bothersome slipping or even the loss of the union nut.

Axial HF connection

The axial HF-connection on the modular angled handles prevents irritating pivoting motions of the cable. Moreover, the HF connection's location behind the hand aids well-balanced handling. A unique protective bell fitting surrounding the HF- connection on the modular angled handles provides the user with two-fold protection.

Handles - for *Standard-Line* - Monopolar

	Handle	HF	Ratchet	REF.-NO.:
	Plastic	yes	yes	221.0000.CR
	Plastic	yes	no	221.0000.O
	Metal (isolated)	yes	no	220.0000
	Metal (isolated)	no	no	225.0000
	Metal (isolated)	no	yes	226.0000

Tubes & Cables - for *Standard-Line* - Monopolar



Isolated Sheath Tubes	WL	REF.-NO. :
Ø 5 mm	33 cm	221.5300
	45 cm	221.5400
Ø 10 mm	33 cm	221.1300
	45 cm	221.1400

Electrosurgical Cables - Monopolar



Plug of cable for Instruments



Plug of cable for Electrosurgical Units of...



...EMED ®, Aesculap ®, Martin ®,
Siemens ®, Erbe ® (T-Models)

4mm plug-Ø

3 m
5 m

230.5000
230.5000.5



...Karl Storz ®, Richard Wolf ®,
Erbe ® (ICC/ACC-Models)

5mm plug-Ø

3 m

230.5000.E



...Valleylab ®, Bowie ®,
Eschmann ®, Keymed ®

8 mm plug-Ø

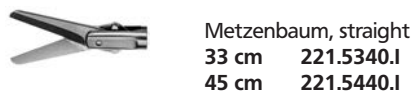
3 m
5 m

230.5000.V
230.5000.V5

Inner Parts Ø 5 mm - for *Standard-Line* - Monopolar

Scissors:

Complete Instrument = Handle + Tube + Inner Part



Metzenbaum, straight
33 cm 221.5340.I
45 cm 221.5440.I



Metzenbaum, curved
33 cm 221.5341.I
45 cm 221.5441.I



Micro dissection, straight
33 cm 222.5301.I
45 cm 222.5401.I



Micro dissection, curved
33 cm 222.5302.I
45 cm 222.5402.I



Hook
33 cm 221.5312.I
45 cm 221.5412.I



Peritoneal, blunt
33 cm 221.5314.I
45 cm 221.5414.I



Strong cut, curved
33 cm 221.5337.I
45 cm 221.5437.I



Soft cut, curved
33 cm 221.5336.I
45 cm 221.5436.I

Punches:



Biopsy, without thorn
33 cm 221.5310.I
45 cm 221.5410.I



Biopsy, with thorn
33 cm 221.5311.I
45 cm 221.5411.I

Needle holder with tungsten carbide inserts - jaw crosswise teeth:



Straight
33 cm 221.5345.I
45 cm 221.5445.I



Left curved
33 cm 221.5346.I
45 cm 221.5446.I



Right curved
33 cm 221.5347.I
45 cm 221.5447.I



Axial handle, spreading spring,
With ratchet
229.1000



Axial handle, with ratchet,
scissors shape
229.0000

Inner Parts Ø 5 mm - for *Standard-Line* - Monopolar

Forceps:

Complete Instrument = Handle + Tube + Inner Part



Tumor grasping forceps, pointed
33 cm 221.5318.I
45 cm 221.5418.I



Dissection, fenestrated slim
33 cm 221.5307.I
45 cm 221.5407.I



Biopsy, without thorn
33 cm 221.5301.I
45 cm 221.5401.I



Concave, smooth, blunt
33 cm 221.5306.I
45 cm 221.5406.I



Biopsy, with thorn
33 cm 221.5302.I
45 cm 221.5402.I



Sharp, crosswise teeth, jaw 18 mm
33 cm 221.5343.I
45 cm 221.5443.I



Atraumatic (Redick-Olsen)
33 cm 221.5305.I
45 cm 221.5405.I



Sharp, crosswise teeth, jaw 14 mm
33 cm 221.5344.I
45 cm 221.5444.I



Atraumatic, with reservoir, blunt
33 cm 221.5309.I
45 cm 221.5409.I



Dissection, 4:2 teeth, double action
33 cm 221.5338.I
45 cm 221.5438.I



Dolphin
33 cm 221.5315.I
45 cm 221.5415.I



Dissection, 4:2 teeth, single action
33 cm 221.5352.I
45 cm 221.5452.I



Conical, with reservoir, sharp
33 cm 221.5316.I
45 cm 221.5416.I



Dissection, 2:1 teeth
33 cm 221.5327.I
45 cm 221.5427.I

Inner Parts Ø 5 mm - for *Standard-Line* - Monopolar

Forceps:

Complete Instrument = Handle + Tube + Inner Part



Dissection, distal with a row of teeth
33 cm 221.5339.I
45 cm 221.5439.I



Dorsey / Johann
33 cm 221.5349.I
45 cm 221.5449.I



Maryland dissector, curved
33 cm 221.5321.I
45 cm 221.5421.I



Babcock
33 cm 221.5319.I
45 cm 221.5419.I



Extraction, retrograde serrated
33 cm 221.5335.I
45 cm 221.5435.I



Allis with DeBakey-teeth
33 cm 221.5342.I
45 cm 221.5442.I



Universal
33 cm 221.5317.I
45 cm 221.5417.I



Davis & Geak, wavy toothed
33 cm 221.5323.I
45 cm 221.5423.I



Claw grasper, 2:3 teeth
33 cm 221.5308.I
45 cm 221.5408.I



Retraction
wavy toothed, with distal teeth
33 cm 221.5324.I
45 cm 221.5424.I



Alligator jaw
33 cm 221.5322.I
45 cm 221.5422.I



Johann, duck-bill-shape
33 cm 221.5350.I
45 cm 221.5450.I



Dissection, fenestrated
33 cm 221.5329.I
45 cm 221.5429.I



Mixer
33 cm 221.5332.I
45 cm 221.5432.I

Inner Parts Ø 5 mm - for *Standard-Line* - Monopolar

Forceps:

Complete Instrument = Handle + Tube + Inner Part



Maximal Grip
33 cm 221.5334.I
45 cm 221.5434.I



Kelly, curved
33 cm 221.5303.I
45 cm 221.5403.I



Dissection, fenestrated, short
33 cm 221.5348.I
45 cm 221.5448.I



Dolphin, long, with reservoir
33 cm 221.5333.I
45 cm 221.5433.I



crosswise teeth, jaw 18 mm, single action
33 cm 221.5331.I
45 cm 221.5431.I



Distal row of teeth, single action
33 cm 221.5330.I
45 cm 221.5430.I



Distal fenestrated
33 cm 221.5328.I
45 cm 221.5428.I



with mouse teeth, single action
33 cm 221.5325.I
45 cm 221.5425.I



Mixer 45°
33 cm 221.5354.I
45 cm 221.5454.I



Aggressive Claw
33 cm 221.5357.I
45 cm 221.5457.I



with wavy teeth and reservoir
33 cm 221.5358.I
45 cm 221.5458.I



Wave fenestrated
33 cm 221.5355.I
45 cm 221.5455.I



Babcock Clamp
33 cm 221.5320.I
45 cm 221.5420.I



Long biopsy cup
33 cm 221.5359.I
45 cm 221.5459.I



Long biopsy cup with thorn
33 cm 221.5360.I
45 cm 221.5460.I

Inner Parts Ø 10 mm - for *Standard-Line* - Monopolar

Forceps:

Complete Instrument = Handle + Tube + Inner Part



Claw forceps, 2:3 teeth
33 cm 221.1008.I
45 cm 221.1408.I



Babcock-Grasping, fenestrated
33 cm 221.1019.I
45 cm 221.1419.I



Extraction, retrograde serrated
33 cm 221.1035.I
45 cm 221.1435.I



Allis with DeBakey-teeth
33 cm 221.1042.I
45 cm 221.1442.I



Maryland-Dissector, curved
33 cm 221.1001.I
45 cm 221.1401.I



Babcock with crosswise teeth
33 cm 221.1043.I
45 cm 221.1443.I



Mixer
33 cm 221.1032.I
45 cm 221.1432.I



Tumor grasping forceps
33 cm 221.1037.I
45 cm 221.1437.I



Dorsey
33 cm 221.1048.I
45 cm 221.1448.I



OP-Scissors, large
33 cm 221.1036.I
45 cm 221.1436.I

Clamps:



Pennington clamp
33 cm 221.1004.I
45 cm 221.1404.I



Overhold clamp, fine teeth, curved
33 cm 221.1003.I
45 cm 221.1403.I



Collin-Clamp
33 cm 221.1018.I
45 cm 221.1418.I



Kocher-Clamp 33 cm 45 cm
jaw 3 cm 221.1038.3I 221.1438.3I
jaw 4 cm 221.1038.4I 221.1438.4I
jaw 5 cm 221.1038.5I 221.1438.5I



Babcock-Clamp, fenestrated
33 cm 221.1320.I
45 cm 221.1420.I



DeBakey-Clamp 33 cm 45 cm
jaw 3 cm 221.1040.3I 221.1440.3I
jaw 4 cm 221.1040.4I 221.1440.4I
jaw 5 cm 221.1040.5I 221.1440.5I

Double row of teeth
















Front Pieces Ø 3 mm - for *Standard-Line* - Monopolar

Complete instrument = Handle + Frontpiece**

** "Frontpiece" means : Innerpart and sheath are one part and not further detachable !



Front pieces :

			Claw grasper 18 cm 221.1808.I 33 cm 221.3308.I
	Universal 18 cm 221.1817.I 33 cm 221.3317.I		Biopsy, without thorn 18 cm 221.1801.I 33 cm 221.3301.I
	Maryland-Dissector, curved 18 cm 221.1821.I 33 cm 221.3321.I		Biopsy, with thorn 18 cm 221.1802.I 33 cm 221.3302.I
	Metzenbaum-Scissors, straight 18 cm 221.1840.I 33 cm 221.3340.I		Atraumatic, with reservoir, blunt 18 cm 221.1809.I 33 cm 221.3309.I
	Metzenbaum-Scissors, curved 18 cm 221.1841.I 33 cm 221.3341.I		Dolphin 18 cm 221.1815.I 33 cm 221.3315.I
	Forceps, small, grooved 18 cm 221.1843.I 33 cm 221.3343.I		Conical, with reservoir, sharp 18 cm 221.1816.I 33 cm 221.3316.I
	Micro-Scissors, straight 18 cm 221.1803.I 33 cm 221.3303.I		Hook scissors 18 cm 221.1812.I 33 cm 221.3312.I
	Peritoneal scissors 18 cm 221.1814.I 33 cm 221.3314.I		Dissecting forceps, fenestrated 18 cm 221.1829.I 33 cm 221.3329.I

Electrodes - Ø 5 mm - WL 34 cm - Monopolar

with LL-Connection for Irrigation

REF 230...



Spatula

230.5320



Hook

230.5321



L-hook

230.5322



Button

230.5323



Needle

230.5324

without LL-Connection

REF 231...



Spatula

231.5320



Hook

231.5321



L-hook

231.5322



Button

231.5323



Needle

231.5324

Suction-Irrigation Electrode System - Monopolar



Handles

see above



Pistol handle with 2-way-stop cock

230.1001



Suction/irrigation valve 2-way stop cock

230.1006



Handle with 2 trumpet valves

230.1011



Suction/irrigation handle with 2 trumpet valves

230.1016



Suction handle with trumpet valve

230.1017



Front pieces



Spatula

230.5300



Hook

230.5301



Wire

230.5301.S



L-hook

230.5302



Button

230.5303

Silver-Line - System - Bipolar



Ø 5 mm - WL 33 cm

Inner parts - REF.-NO.:



Maryland forceps, curved

228.5321.I



Metzenbaum scissors, curved

228.5341.I



Dorsey forceps, fenestrated

228.5349.I



Vessel Closure Forceps

228.5360.I



Grasping forceps, curved, Fenestrated

228.5361.I



Sheath tube

228.5300



Handle

228.0000



Irrigation adapter for handle

228.0001

Coag-Line - System - Bipolar



Ø 5 mm - WL 36 cm

Inner parts - REF.-NO.:



Tube sterilization

230.5360.I



Grasping forceps

230.5361.I



Jaw: 3 mm wide, smooth

230.5362.I



Jaw: 3 mm wide, grooved

230.5363.I



Jaw: 1,5 mm wide, smooth

230.5364.I



Jaw: 1,5 mm wide, grooved

230.5365.I



Sheath tube

230.5360.S



U-Handle

230.5360.G



Ring-Handle

230.5370.G

Electrosurgical Cables - Bipolar - 4 m



Plug of cable for Electrode



Plug of cable for Electrosurgical Units of...

REF.-NO.:



...Karl Storz ®, Richard Wolf ®,
Erbe ® (ICC/ACC-Models)

plug-Ø 12 mm

230.5351



...Valleylab ®, Bowie ®,
Eschmann ®, Keymed ®

plug-Ø 4 mm (2x)

230.5352



...EMED ®, Aesculap ®, Martin ®,
Siemens ®, Erbe ® (T-Models)

plug-Ø 8 mm

230.5353

Suction-Irrigation-Instruments - WL 33 cm

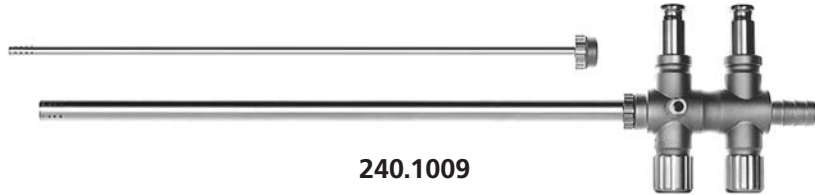
Trumpet valve handle

Complete-Set

Trumpet valve handle
Tube Ø 5 mm
Tube Ø 10 mm

240.1009

240.1009.G
240.1009.05
240.1009.10



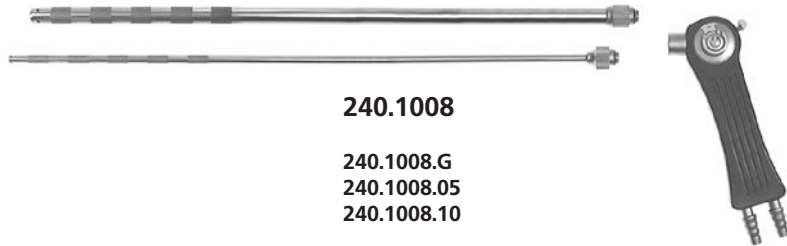
Pistol handle

Complete-Set

Pistol handle
Tube Ø 5 mm
Tube Ø 10 mm

240.1008

240.1008.G
240.1008.05
240.1008.10



With 2 lateral and axial trumpet valve

240.1010



Graduated, LL-connection, with laser channel

240.5312



2-way stop cock, for one hand service

240.5311



Suction tube, graduated, with stop cock

240.5304



Blade handle for suction-irrigation tube

240.1011



Cholangiography



Cholangiography fixation clamp
with ratchet and channel for catheter 6 FR

Ø 5 mm 33 cm
45 cm

225.5320
225.5320.45



Fan Retractors - Palpations - Cannulas



Fan retractor, 5-Finger, straight, dismantable

Ø 5 mm
Ø 10 mm

36 cm
34 cm

240.5315
240.5316



Fan retractor, max. angulation 60°, 3-Finger, dismantable

Ø 5 mm

33 cm

240.0515



Fan retractor, max. angulation 80°, 5-Finger, dismantable

Ø 10 mm

38 cm
45 cm

240.1015
240.1015.45



Palpation probe, graduated

Ø 5 mm
45 cm

32 cm

240.5301
240.5401



Injection needle, LL-adapter

Ø 5 mm
45 cm

33 cm

240.5306
240.5406



Puncture needle, LL-adapter

Ø 5 mm
45 cm

33 cm

240.5307
240.5407



Endo-Clip-Applicator - 360° rotatable



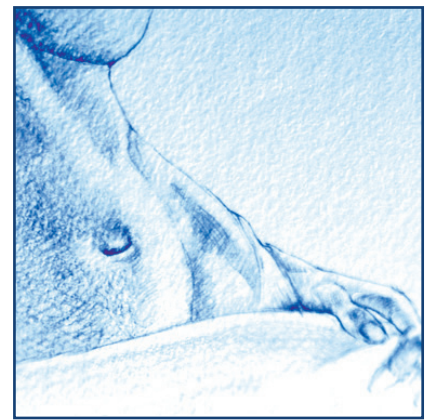
Two versions available:

1 - *ECO-Line* version with LL-Adapter for cleaning by irrigation

2 - *Take-Apart* version - dismountable before cleaning/sterilization

Brand of Titan-Clips	Clip Model	Ø	1 - <i>ECO-Line</i> REF.-NO.	2 - <i>Take-Apart</i> REF.-NO. :
Ethicon	LT 100 (small)	5 mm	-	225.0500.ZR
	LT 200 (medium)	10 mm	225.1000.M	225.1000.ZR.M
	LT 300 (medium-large)	10 mm	225.1000	225.1000.ZR
	LT 400 (large)	10 mm	225.1000.L	225.1000.ZR.L
Pilling-Weck	medium	10 mm	225.1000.P.M	225.1000.ZR.P.M
	medium-large	10 mm	225.1000.P	225.1000.ZR.P
Horizon	medium	10 mm	225.1000.H.M	225.1000.ZR.H.M
	Medium-large	10 mm	225.1000.H	225.1000.ZR.H

LAP



ACC



GYN



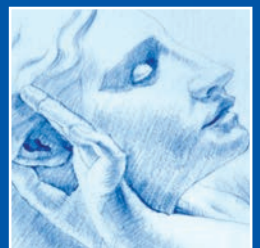
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www.fiegert-endotech.com*

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fon: (00 1) 954 748 2700
fax: (00 1) 954 748 2743*