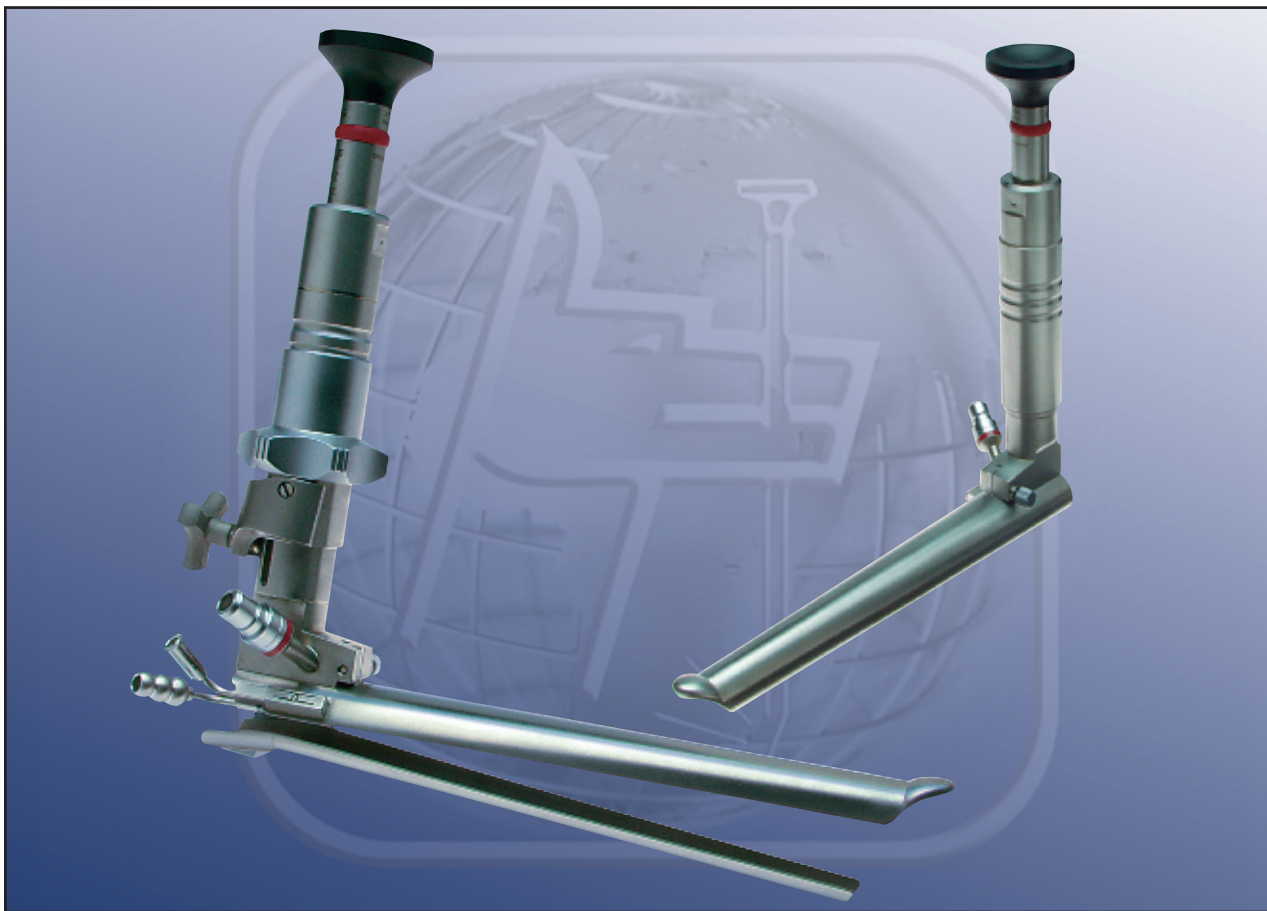


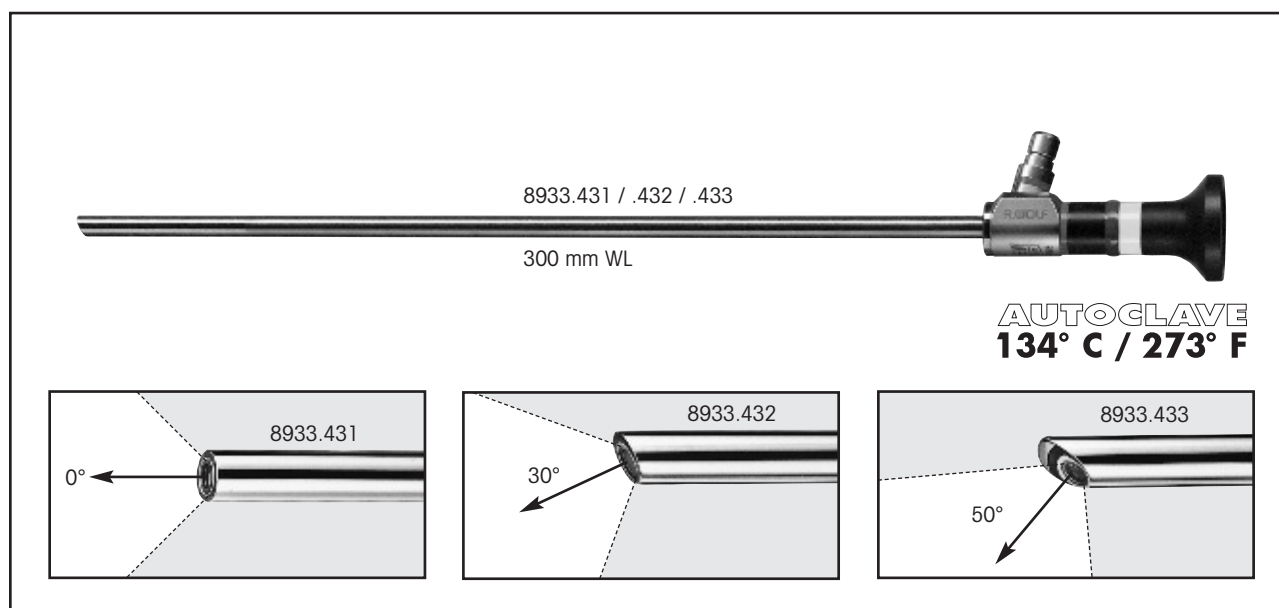
Thoracoscopy / Mediastinoscopy



- Thoracoscopes
- Trocars
- Forceps and Cannulas
- Mediastinoscopes
- Forceps for Mediastinoscopy

Telescopes, 7 mm

 HD compatible



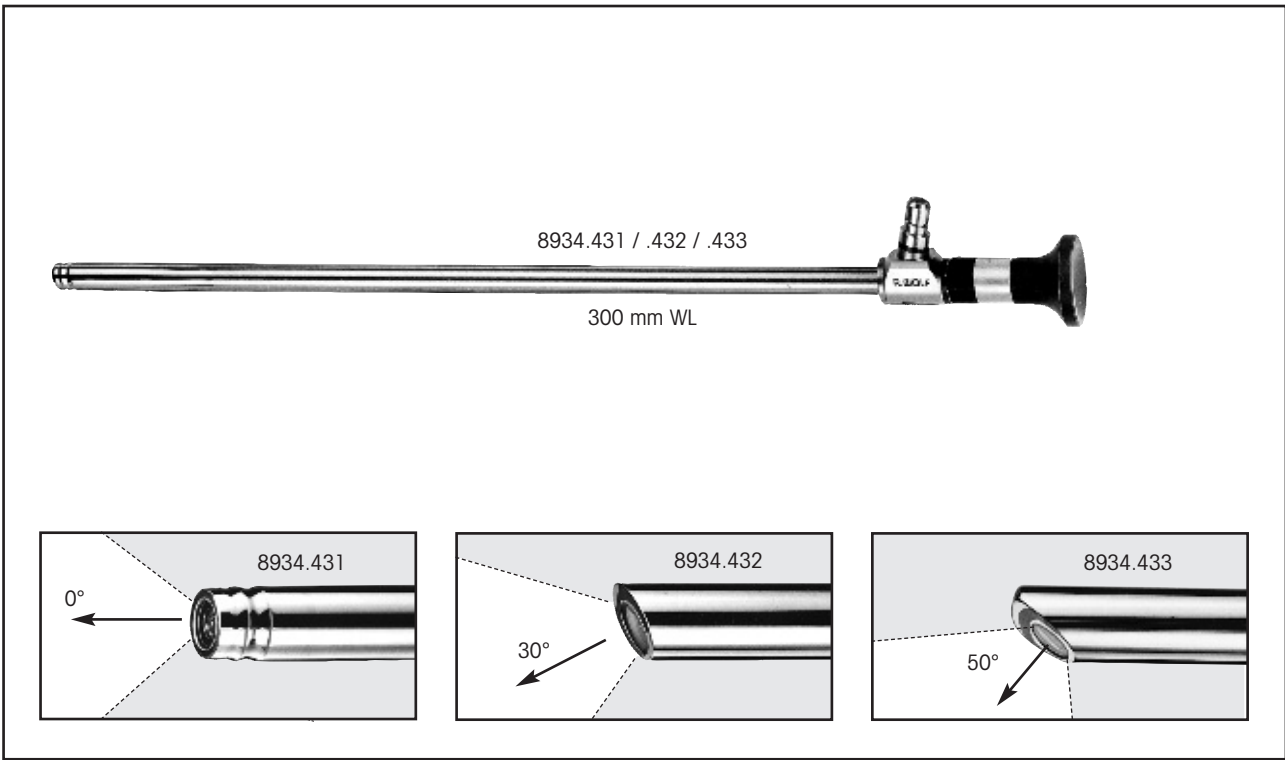
**PANOVUE PLUS telescope, Ø 7 mm,
distortion-free,**

0°	8933.431
30°	8933.432
50°	8933.433

Telescopes, 10 mm



HD compatible



**PANOVUE PLUS laparoscope, 10 mm diameter,
HD camera compatible**

0°	8934.431
30°	8934.432
50°	8934.433

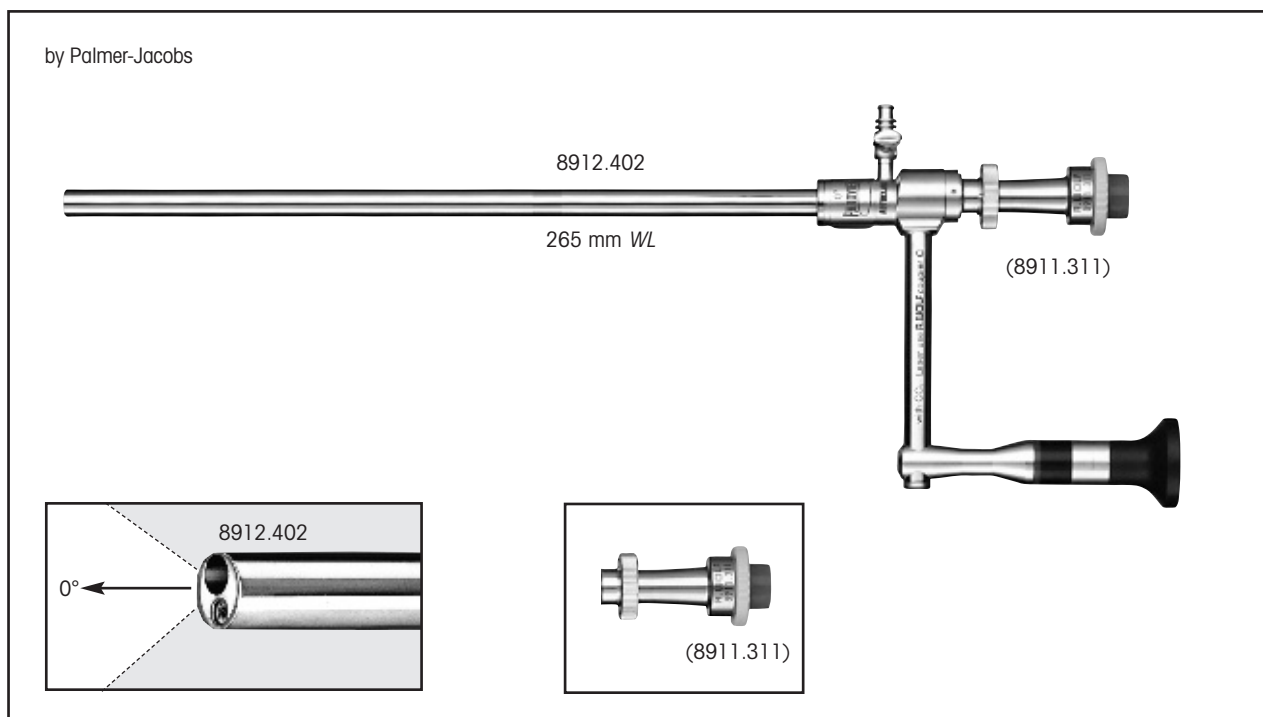
Fiberoptic light cable

4.5 mm bundle, 3M WL	8061.0456
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**Autoclavable
134°C / 273°F
Pre-Vac Cycle**

Operating Laparoscope, 10 mm

5mm working channel, right-angle eyepiece



PANOVUE PLUS operating laparoscope, 10 mm, Ø

with right angle eyepiece,

5 mm working channel

with detachable automatic sealing port (8911.311),

0° 8912.402

For automatic sealing valve (8911.311):

Replacement sealing caps,

blue, 12/pkg. 89.02BL

Spare membrane valves,

pack of 10 89.103

plastic housing for sealing cap 15176.097

Optional:

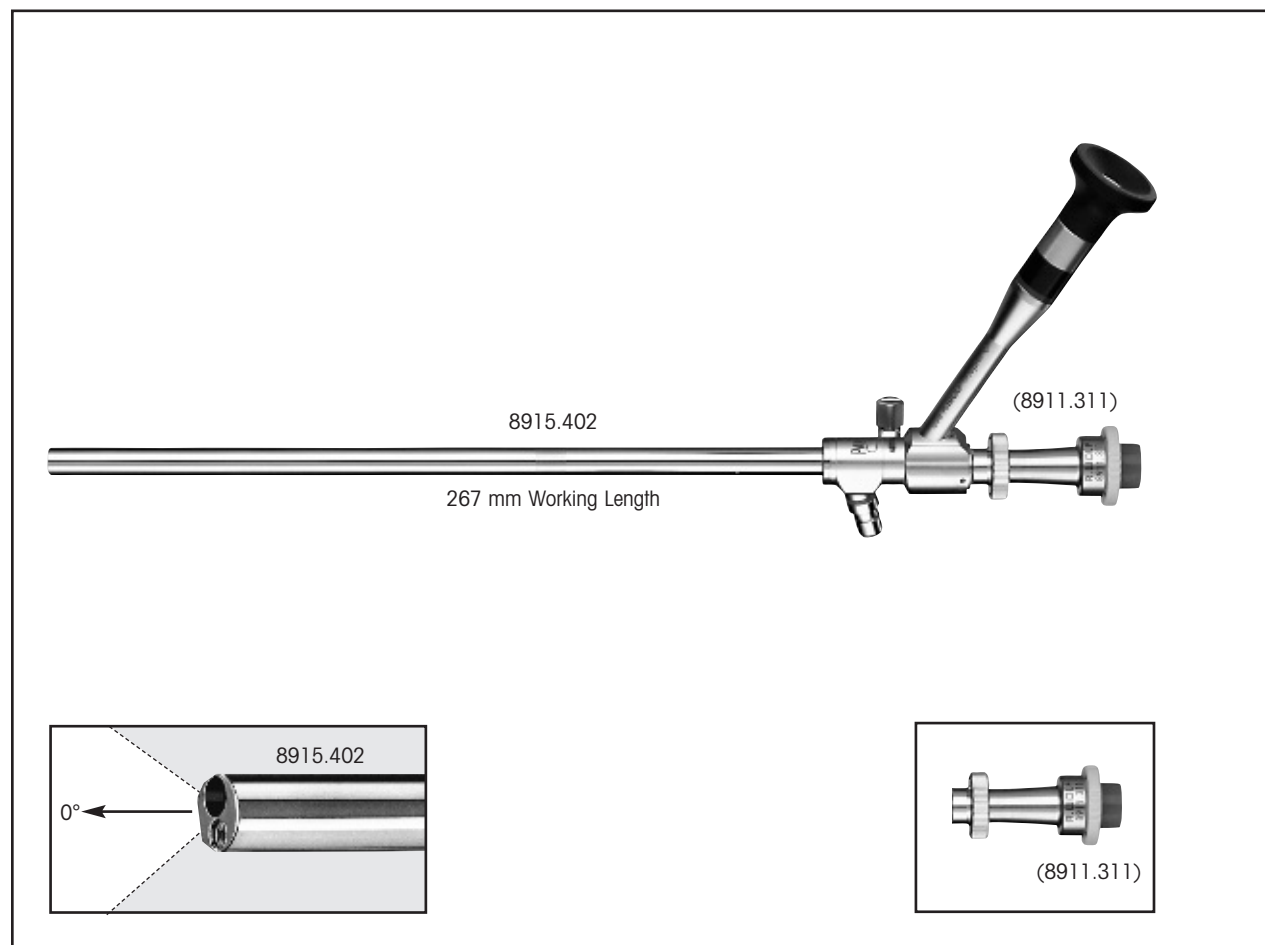
Detachable instrument port with stopcock 8911.316

Fiber optic light cable,

3.5 mm bundle, 3M WL 8061.0356

Operating Laparoscope, 10 mm

5 mm working channel, 45° offset eyepiece



PANOVUE PLUS operating laparoscope, 10 mm diameter,
with fixed eyepiece,
with obliquely offset eyepiece, 5 mm working channel
with detachable automatic sealing port (8911.311)
0°8915.402

For automatic sealing valve (8911.311):

Replacement sealing caps,
blue, 12/pkg.89.02BL

Spare membrane valves,
pack of 1089.103

Optional:

Detachable instrument port with stopcock8911.316

Fiberoptic light cable,
3.5 mm bundle, 3M WL.....8061.0356

Trocar Sleeves, 5.5 mm

				
Flexible trocar sleeve, plastic	WL	Capacity	Type	Trocar, blunt, conical tip
 <i>oblique distal tip</i>	75 mm	5.5 mm	8906.051	8906.151

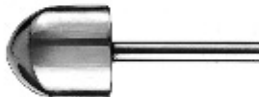
				
Trocar sleeve of insulating material	WL	Capacity	Type	Trocar, blunt, conical tip
 <i>straight distal tip</i>	75 mm	5.5 mm	8906.052	8906.151

Trocar Sleeves, 7 mm

					
Flexible trocar sleeve, plastic	WL	Capacity	Type	Trocar, blunt, conical tip	
 <i>straight distal tip</i>	75 mm	7 mm	8906.001	8913.11	

					
Trocar sleeve with lateral tap, metal	WL	Capacity	Type	Trocar, blunt, conical tip	
 <i>straight distal tip</i>	75 mm	7 mm	8913.01	8913.11	

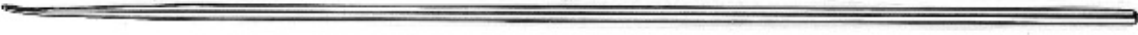
Trocar Sleeves, 10 mm - 18 mm

					
Flexible trocar sleeve, plastic	WL	Capacity	Type	Trocar, blunt, conical tip	
 <i>straight distal tip</i>	60 mm	10 mm	8906.011	8906.111	
					
Flexible trocar sleeve, plastic	WL	Capacity	Type	Trocar, blunt, conical tip	
 <i>straight distal tip</i>	60 mm	12.5 mm	8906.031	8906.131	
					
Trocar sleeve, metal, oval	WL	Capacity	Type	Trocar, blunt, conical tip	
 <i>straight distal tip</i>	55 mm	13.6 / 18 mm	8906.081	8906.181	

Probes

			
	Ø	WL	Type
 Probe, graduated	7 mm	450 mm	8243.901

 8242.951 590 mm WL 			
	Ø	WL	Type
Guide Probe, for thorax drainage	4 mm	590 mm	8242.951

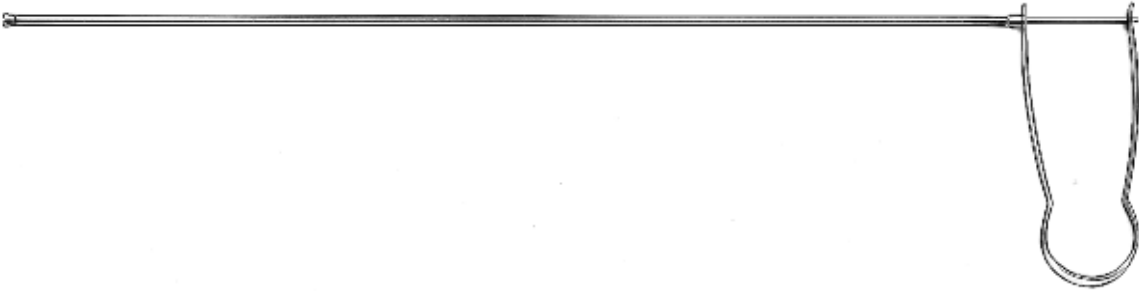
			
	Ø	WL	Type
 Dissector, curved	7 mm	450 mm	8243.502

Rigid Optical Biopsy Forceps, 5 mm

		
	WL	Type
	295 mm	8913.60
Rigid optical biopsy forceps, with double-spoon jaws		

for
PANOVIEW PLUS telescope,
Ø 4 mm, 0°8650.414

Sponger, 5 mm

		
	WL	Type
	300 mm	8148.02
Sponger		

Bipolar Forceps, 5 mm

					
Jaw insert		Sliding sleeve	Outer tube	Spring handle	Complete instrument • Jaw insert • Sliding sleeve • Outer tube • Spring handle
		 WL 300 mm	 WL 300 mm		
	Types	8393.923	8393.925	8393.975	Types
	8393.726	•	•	•	8393.793
Bipolar coagulation forceps					

Spare parts:
Rubber cap88.03
Luer sealing cap887.00



Parenchyma Forceps, 5 mm

<i>by Linder</i>		
		
	WL 260 mm	Type
 Parenchyma forceps, 30 mm curved left	•	8242.601
 Parenchyma forceps, 30 mm curved right	•	8242.602
 Parenchyma forceps, 50 mm curved left	•	8242.603
 Parenchyma forceps, 50 mm curved right	•	8242.604

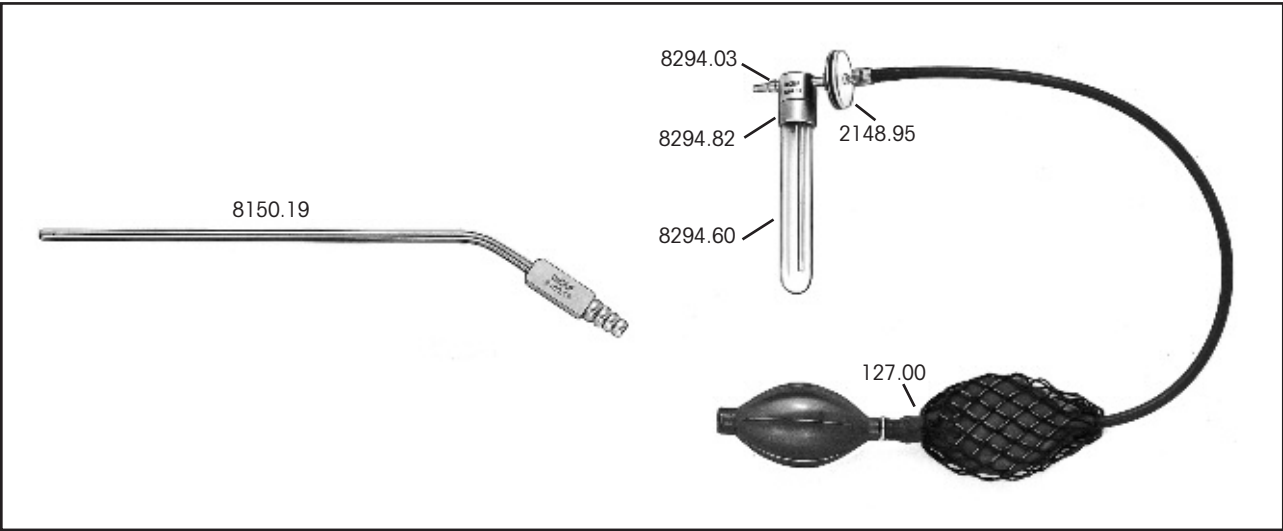
Artery Forceps, 5 mm

by Linder		
		
	WL 270 mm	Type
 Artery forceps, curved left	•	8242.651
 Artery forceps, curved right	•	8242.652
 Lung grasping forceps	•	8242.611

Tissue Retractor, 7 mm

		
	WL 320 mm	Type
 Tissue retractor, curved	●	8243.701

Powder Spray



For spraying fine powders:

Diffuser8294.03

Collar for diffuser8294.82

Disposable containers,
pack of 100.....8294.60

Disposable membrane filter, sterile,
pack of 502148.95

Aspiration tube, Ø 3 mm,
100 mm long8150.19

Double hand bulb127.00

Stoppers for disposable containers
(for sending specimens), pack of 100.....294.61

Pleural Abrader

	Ø	WL	Type
	4.5 mm	500 mm	8294.701
Pleural abradar			

Injection Cannulas, 5 mm

			
	Ø	WL	Type
 Injection cannula, Ø 0.7 (tip)	5 mm	330 mm	8383.60
 Injection and puncture cannula, Ø 1.8 mm (15 G)	5 mm	for operating thoroscopes with instrument channel 450 mm	8384.65

Suction Tube, 5 mm

			
	Ø	WL	Type
 Aspiration tube, graduated	5 mm	450 mm	8384.68

Electrodes, monopolar, 5 mm

		
	WL	Type
 Hook electrode, curved	340 mm	8242.301

HF connecting cable
for Valleylab, reusable8106.033

		
	WL	Type
 Button electrode	330 mm	8383.40

HF connecting cable
for Valleylab, reusable815.033



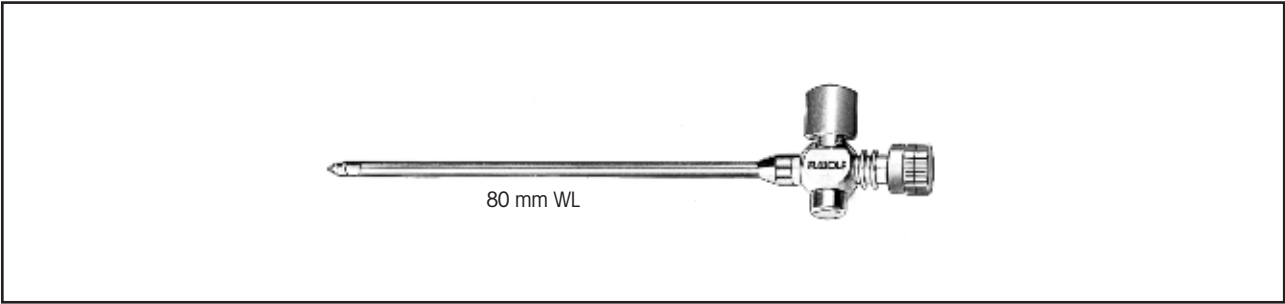
Needle Holder, 5 mm

	WL 300 mm	Type
 Needle holder, <i>curved</i>	•	8242.451
 Needle holder, <i>straight</i>	•	8383.533

Knot Pusher, 5 mm

by Linder		
		
	WL	Type
	240 mm	8243.461
Knot pusher, curved		

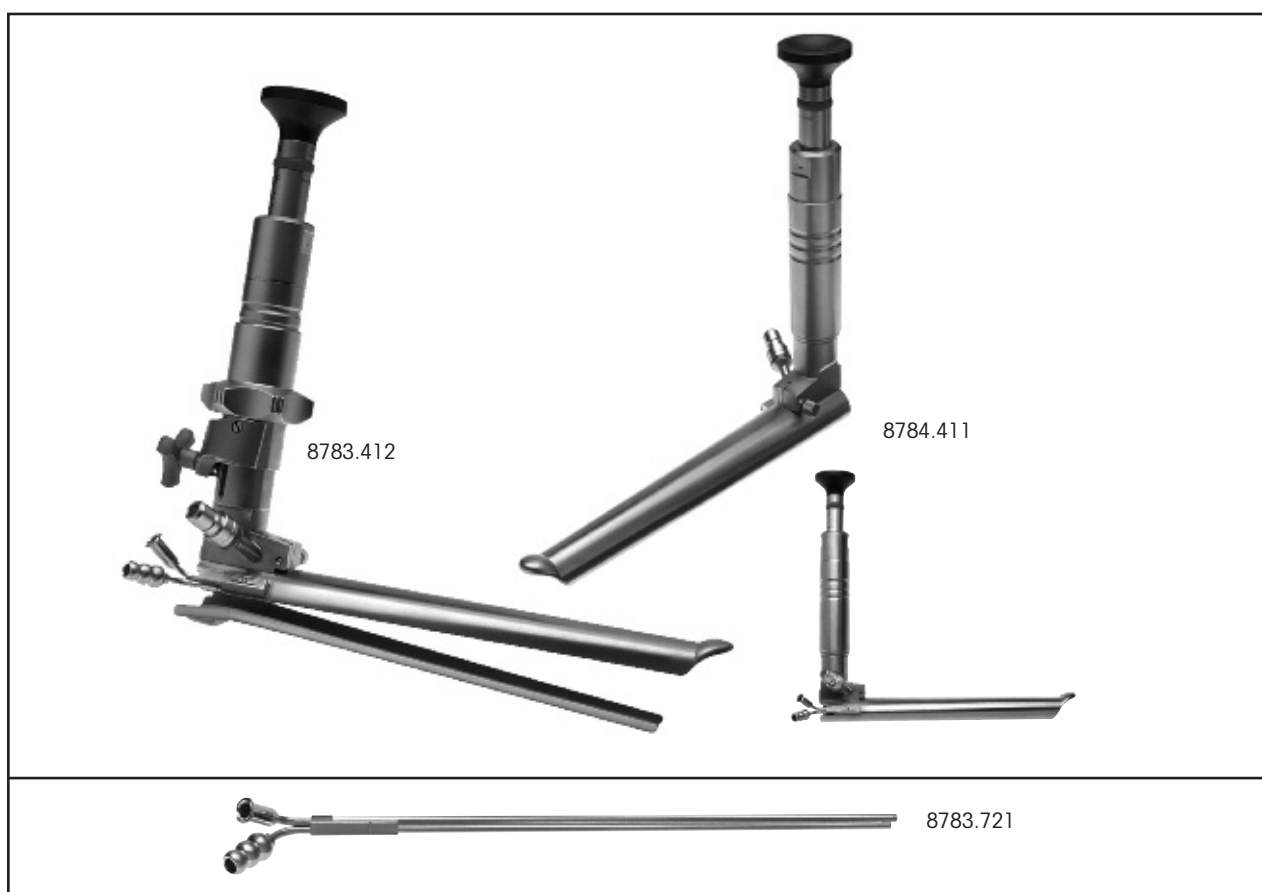
Pleural Needle, 2.8 mm



80 mm WL

Pleural needle by Boutin,
capacity 2 mm.....8294.751

Video Mediastinoscopes with integrated high-performance optics



Video Mediastinoscope

with Dilating Blades8783.412

Mediastinoscope with integrated high-performance optics. Blades are adjustable to open duckbill style. Blades also open to adjust height between parallel blades. Suction-irrigation tube 8783.721 included. 160mm WL.

Video Mediastinoscope

with Tubular Blade8784.411

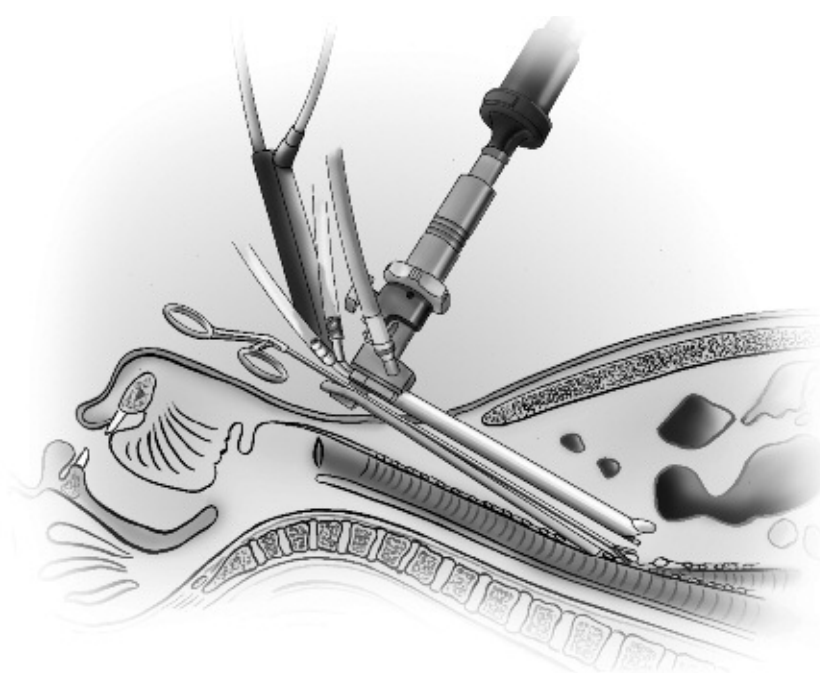
Mediastinoscope with integrated high-performance optics. Fixed tubular style blade. Suction-irrigation tube 8783.721 included. 160mm WL.

Light Cable

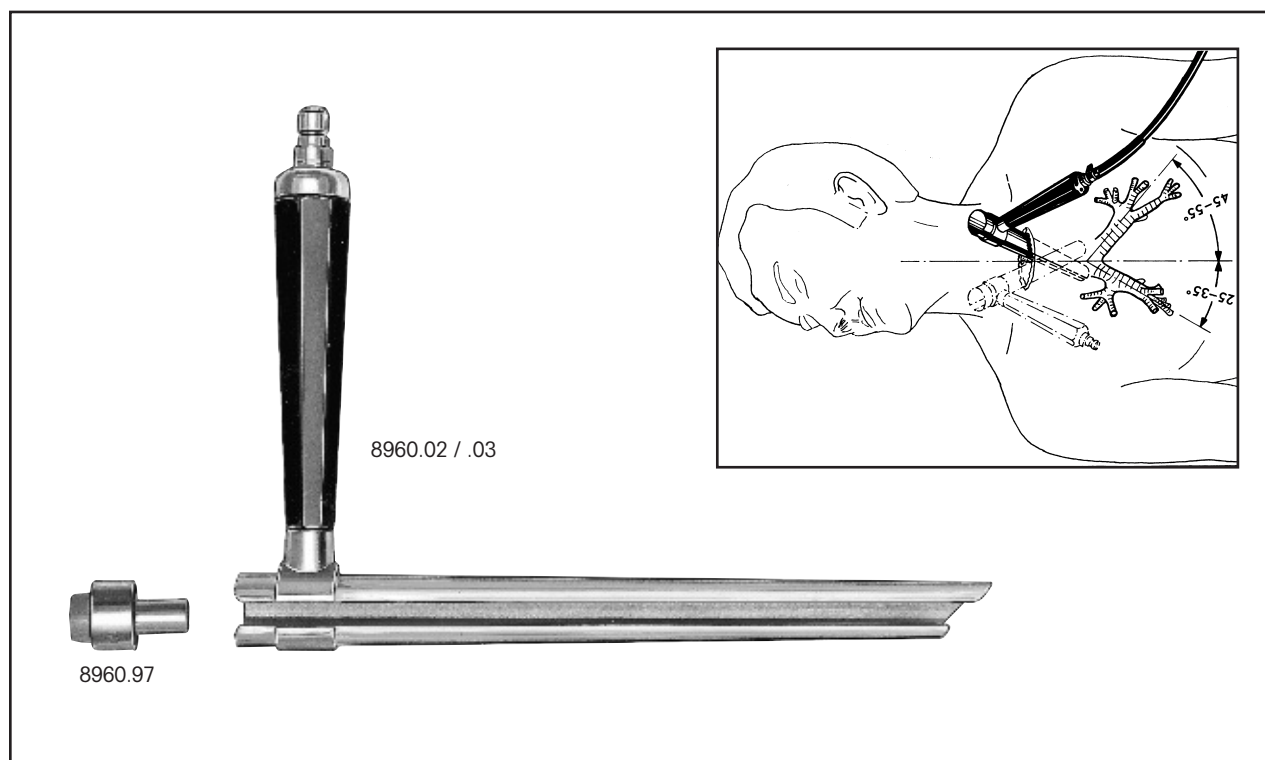
3.5mm fiber bundle, 3M WL.....8061.0356

Instrument Tray

metal, 23"L x 11"W x 5.3"H8585.025M



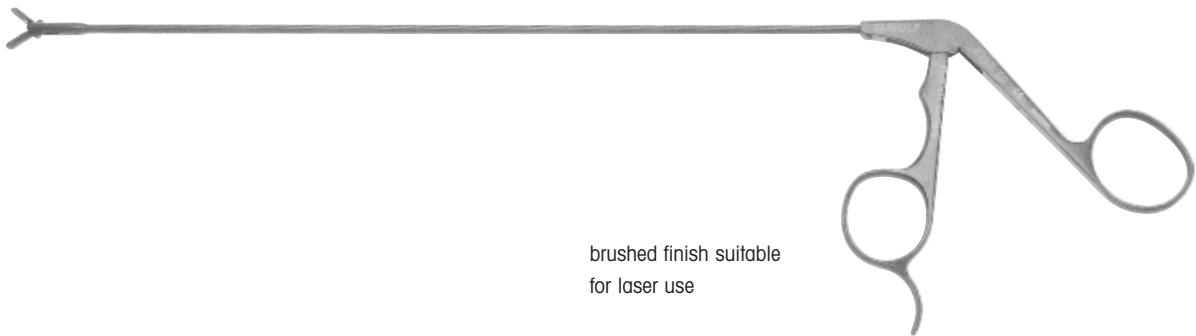
Mediastinoscope "FREIBURG" Model

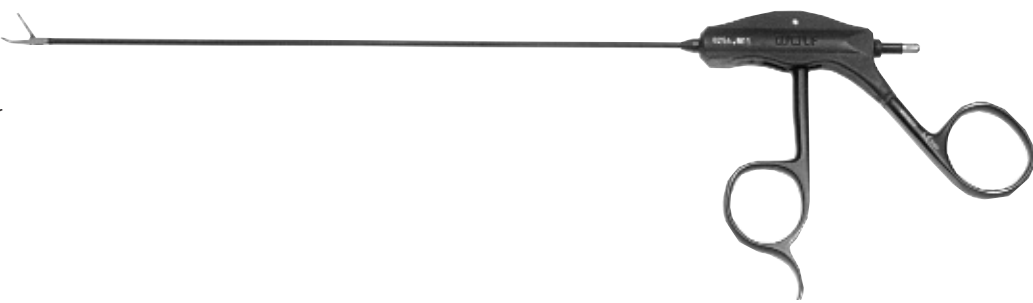


Mediastinoscope "FREIBURG" model
with integrated light guide,
140 mm working length8960.02
170 mm working length8960.03

Telescope guide
to use 7mm scope with 8960.02/038960.97

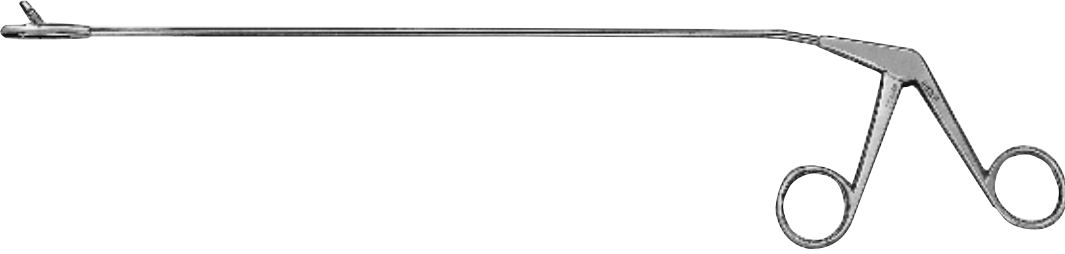
Tumor Grasping Forceps

 brushed finish suitable for laser use			
	Ø sheath head	WL	Type
 Tumor grasper, small	3 mm	215 mm	8283.51
 Tumor grasper, medium	4 mm	215 mm	8283.52
 Tumor grasper, large	4 mm	215 mm	8283.53

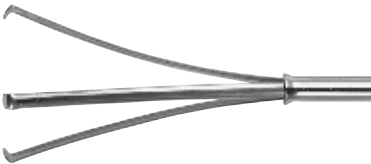
 monopolar			
	Ø	WL	Type
 Grasping microforceps, curved left	2.6 mm	215 mm	8254.601
 Grasping microforceps, curved right	2.6 mm	215 mm	8254.602

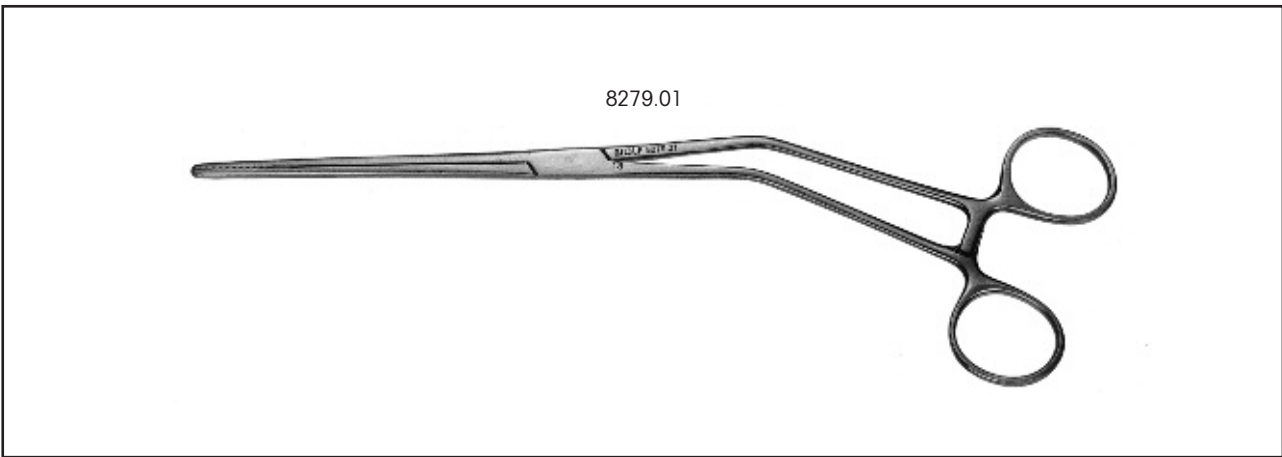
HF connecting cable
for Valleylab, reusable8106.033

Forceps
for mediastinoscopy

			
	Ø	WL	Types
 Universal grasping and biopsy forceps	3 mm	260 mm	8280.22
 Tumor forceps	3 mm	260 mm	8280.26

Sponge Forceps
for mediastinoscopy

			
	Ø	WL	Types
 Sponge forceps	3 mm	300 mm	8148.02



Dissecting and sponge forceps.....8279.01

Cannula
for mediastinoscopy

			
	Ø	WL	Types
 Mediastinal cannula , inner diameter 0.8mm, 23 gauge needle	2 mm	260 mm	8188.11

HF Coagulating Aspirator

for mediastinoscopy

			
	Ø	WL	Types
 HF coagulating aspirator	2.8 mm	210 mm	8291.101
 HF coagulating aspirator	4.0 mm	210 mm	8291.102
 Coagulation-suction tube, insulated, sharp	5.0 mm	250 mm	8188.02

HF connecting cable
for Valleylab, reusable8106.033