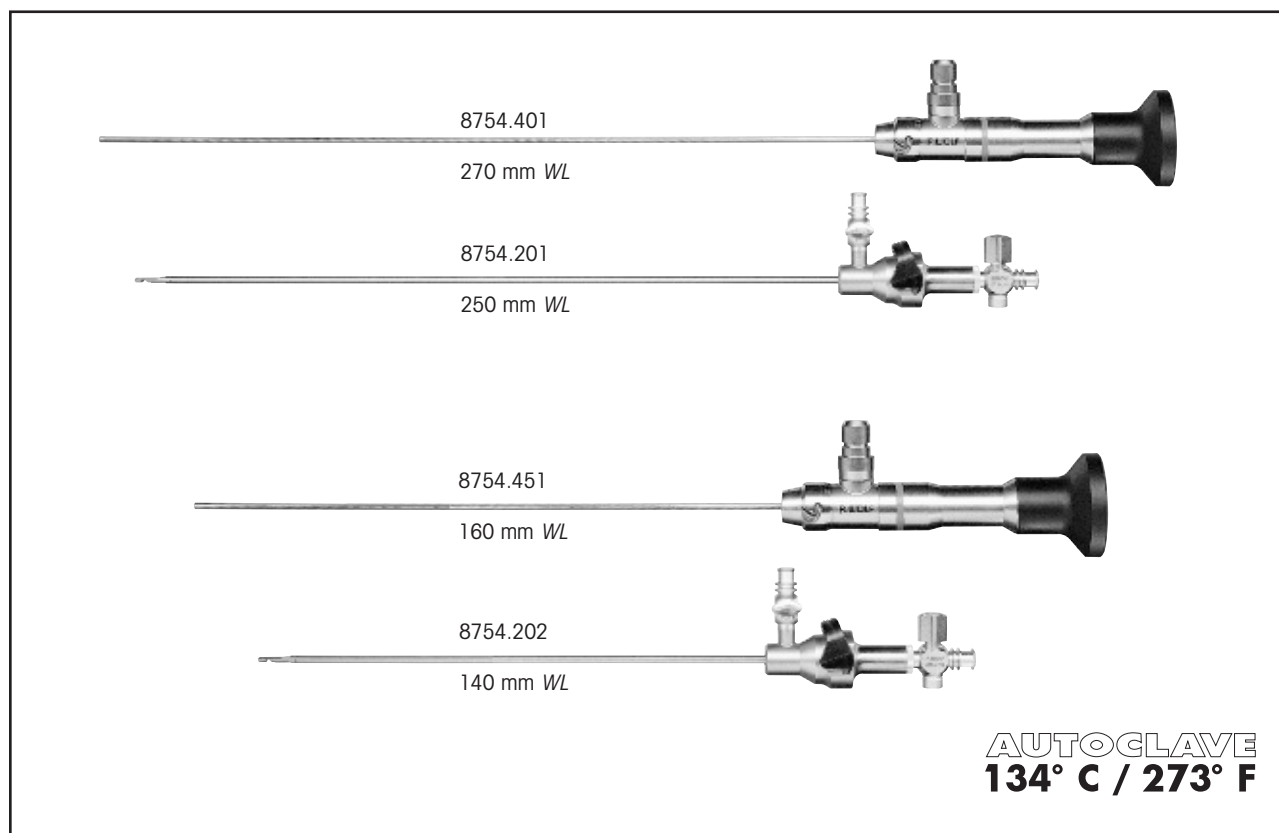


Laparoscopes



- Mini Laparoscopes
- Laparoscopes 5 -10 mm
- Bariatric Laparoscopes
- Operating Laparoscopes
- Flexible Choledochoscope

Micro Laparoscopes, 2 mm



Micro Laparoscopes

- ☐ 50,000 pixel high resolution fiber quartz optics
- ☐ Quick connect locking mechanism
- ☐ 2 mm diameter permits minimally invasive abdominal access
- ☐ Titanium sheath construction provides both durability and longevity

Standard version 270 mm WL:

Micro laparoscope,

0°, 2 mm Ø, 270 mm WL8754.401

Verres needle (8754.211), 2.3 mm Ø with

Outer sheath (8754.221), 250 mm WL.....8754.201

Short version 160 mm WL:

Micro laparoscope

0°, 2 mm Ø, 160 mm WL.....8754.451

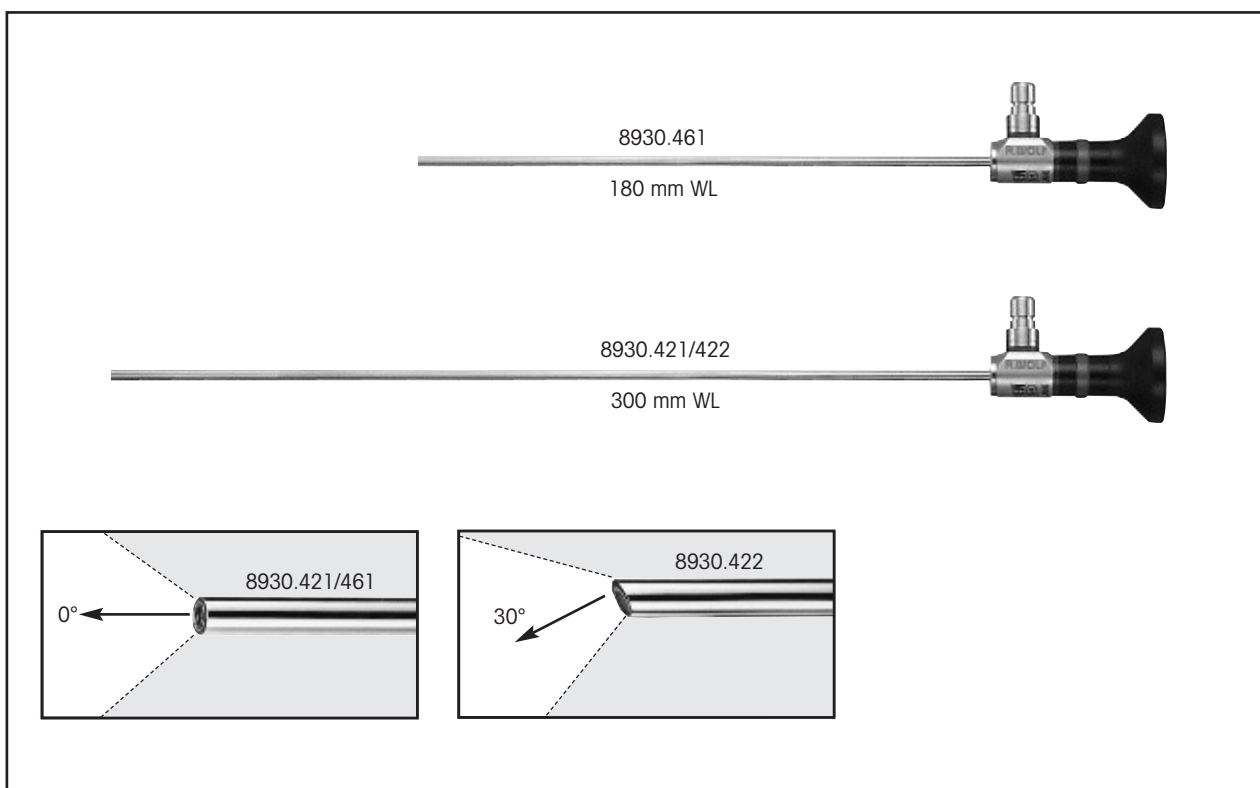
Verres needle (8754.212), 2.3 mm Ø with

Outer sheath (8754.222), 140 mm WL.....8754.202

Laparoscopes, 3.5 mm



HD Compatible



PANOVIEW PLUS laparoscope, 3.5 mm diameter, 180 mm WL

with fixed eyepiece,

0°8930.461

PANOVIEW PLUS laparoscope, 3.5 mm diameter, 300 mm WL

0°8930.421

30°8930.422

ALSO AVAILABLE:

PANOVIEW PLUS laparoscope, 3.3 mm diameter, 300 mm WL

with fixed eyepiece,

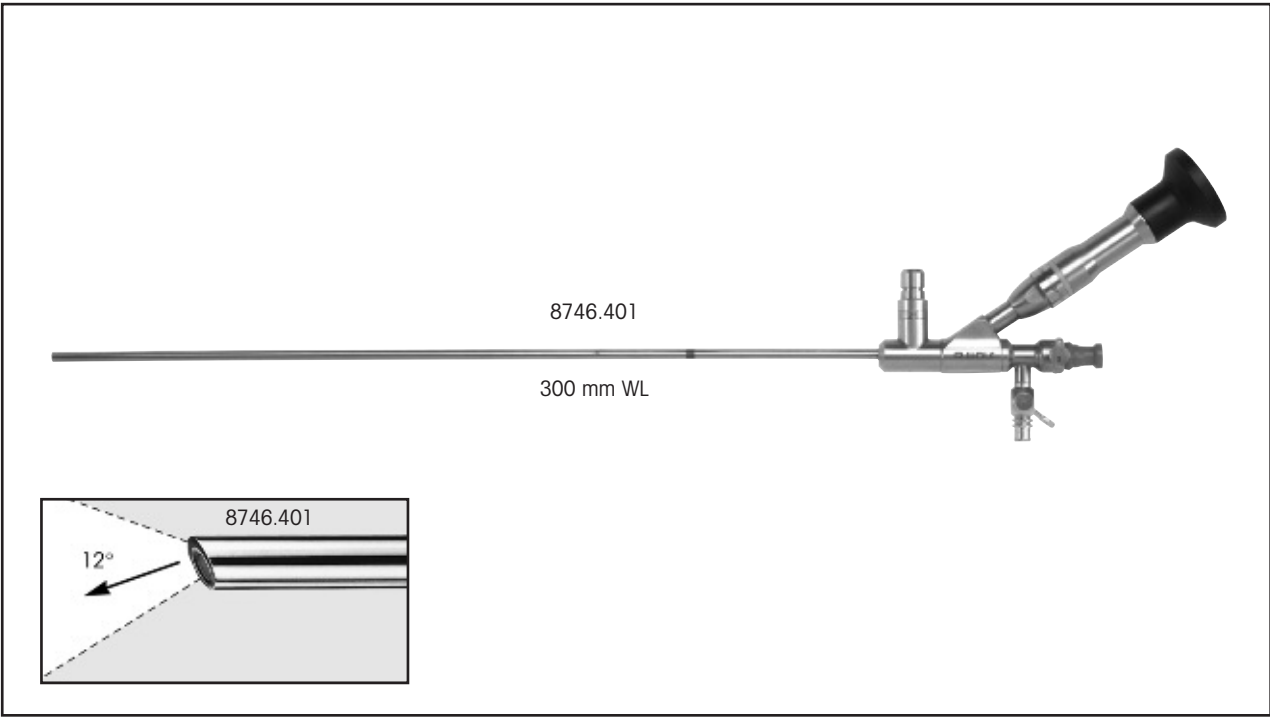
70°8660.425

Fiberoptic light cable,

3.5 mm bundle, 3M WL8061.0356

**Autoclavable
134°C / 273°F
Pre-Vac Cycle**

Quintero
Mini-Operating Laparoscope, 3.8 mm



Fiber optic laparoscope, 3.8 mm diameter, 300 mm WL, 5 Fr. working channel,

high resolution with 50,000 pixels

12°8746.401

Fiber optic light cable,

2.5 mm bundle, 3M WL8061.0256

Replacements

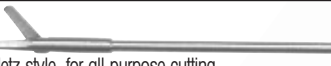
Metal port fitting15256.382

Mini sealing membrane, pkg/1089.101

Sealing caps for working channel, to 1 mm.....88.005RE

Sealing caps for working channel, 1-2 mm88.01RE

5 Fr. Instruments for use with 8746.401 Mini-Operating Laparoscope

Instrument Tips	Working Channel Size	WL mm	Catalog #
 Grasping forceps, for general use, dual action jaw	5 Fr	385	8746.621
 Biopsy forceps, dual action jaw	5 Fr	380	8746.601
 Scissors, Metz style, for all purpose cutting, single action jaw	5 Fr	380	8746.651
 Blunt probe, for pain mapping and moving various structures	5 Fr	410	8746.701
 Knot pusher, for general use	5 Fr	410	8746.801
 Needle electrode, flexible	5 Fr	395	824.05
 Button electrode, flexible	5 Fr.	395	823.05

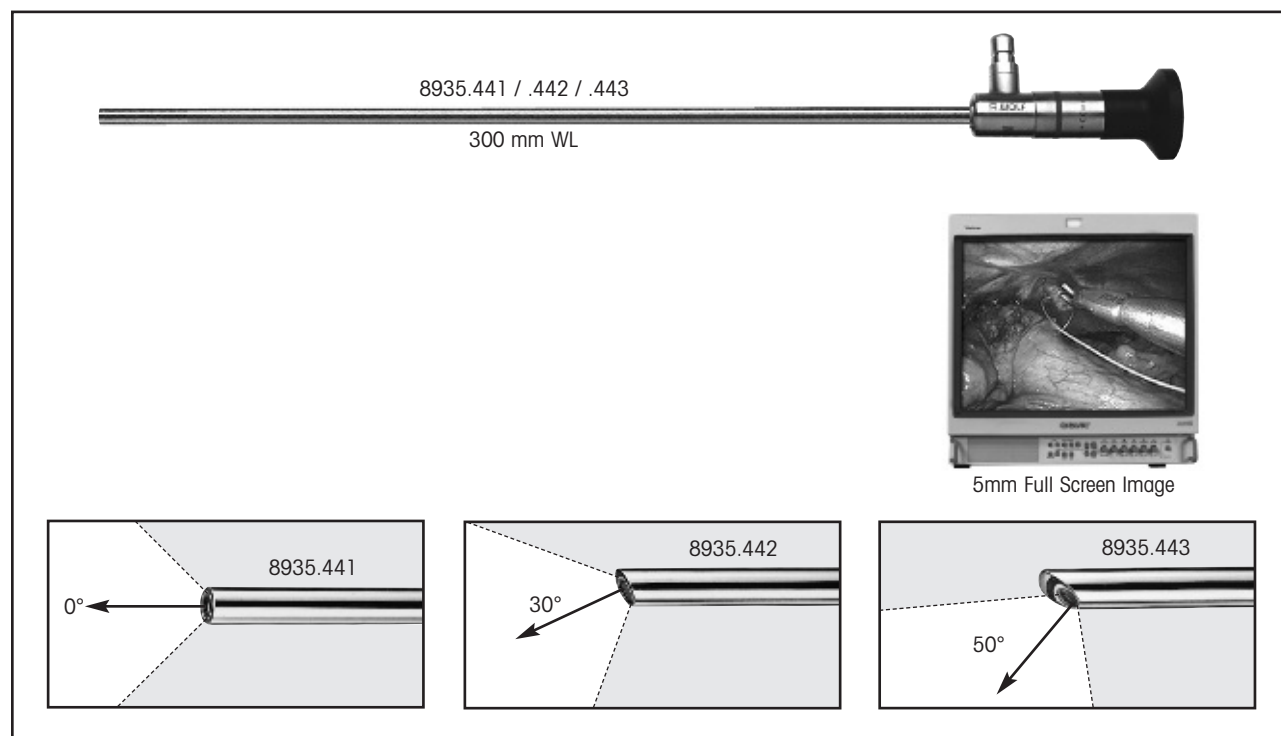
3.8 mm Trocars for use with 8746.401 Mini-operating laparoscope

 RIWO-ART trocar sleeves with magnetic ball valve				
	Ø mm	WL mm	With Port	Trocar, pyramidal tip
Metal sleeve, standard,	3.8	100	8904.014	8904.123
straight distal tip	3.8	150	8904.016	8904.125

Full Screen Laparoscopes, 5 mm



HD Compatible



PANOVIEW PLUS laparoscope, Full Screen, 5 mm diameter

featuring distortion-free, full screen image

0°	8935.441
30°	8935.442
50°	8935.443

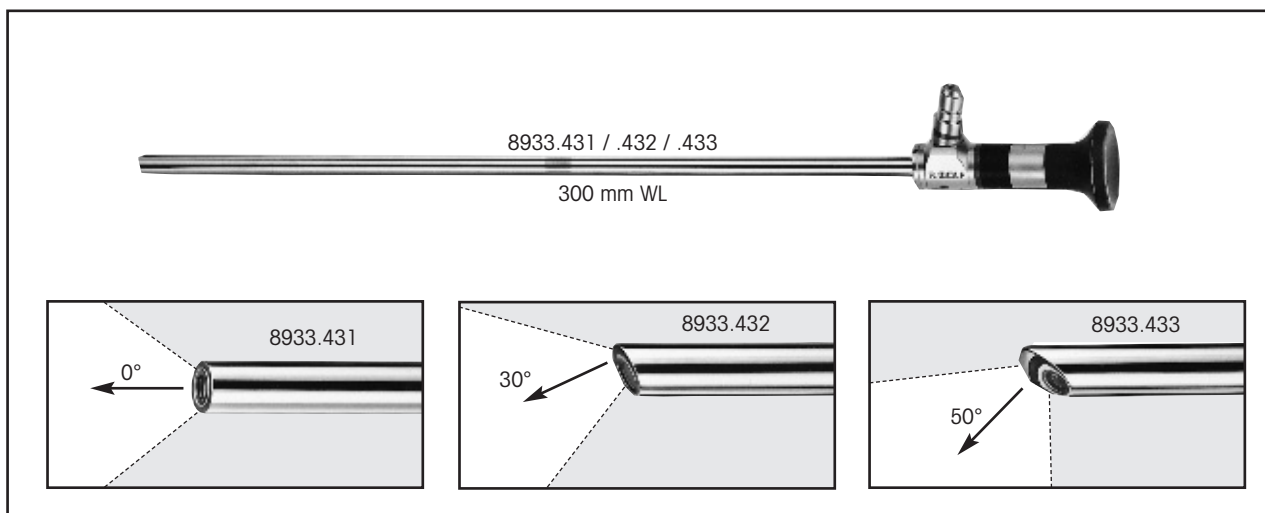
Fiberoptic light cable,

3.5 mm bundle, 3M WL	8061.0356
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Autoclavable
134°C / 273°F
Pre-Vac Cycle

Laparoscopes, 7 mm

 HD Compatible



PANOVUE PLUS laparoscope, 7 mm diameter,

featuring distortion-free optics,

0°	8933.431
30°	8933.432
50°	8933.433

Fiberoptic light cable,

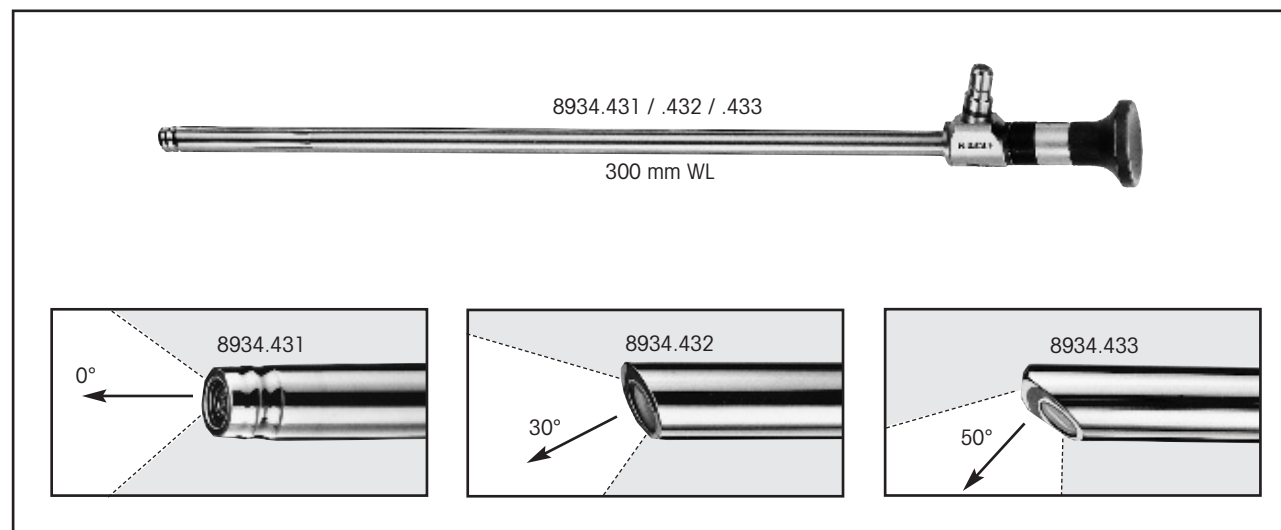
4.5 mm bundle, 3M WL	8061.0456
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Autoclavable
134°C / 273°F
Pre-Vac Cycle

Laparoscopes, 10 mm



HD Compatible



PANOVUE PLUS laparoscope, 10 mm diameter,

featuring distortion-free optics,

0°	8934.431
30°	8934.432
50°	8934.433

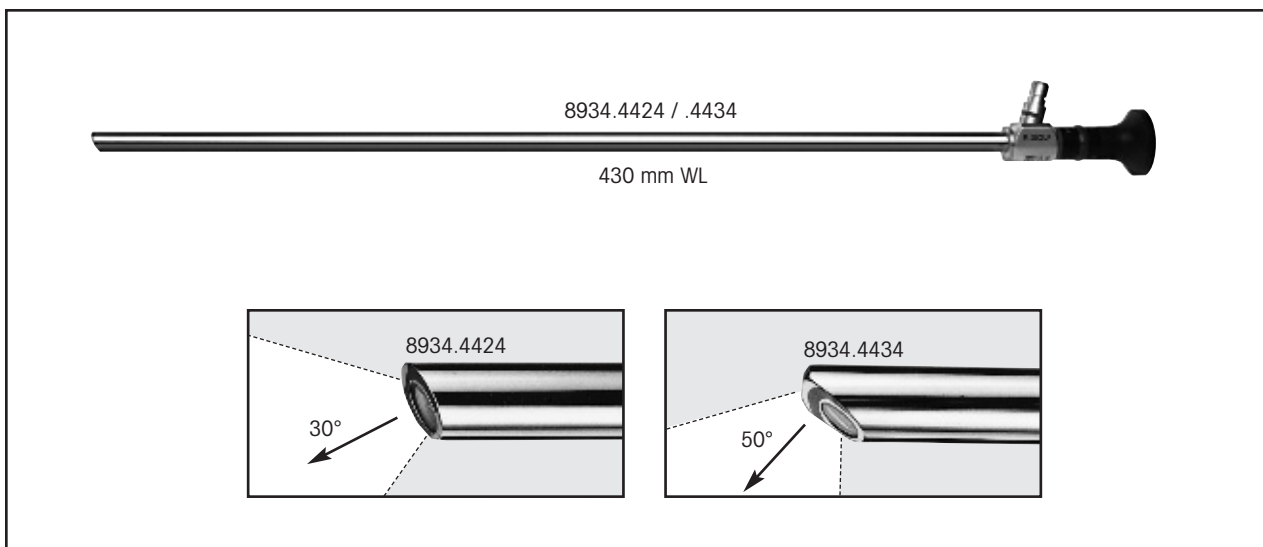
Fiberoptic light cable,

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

Bariatric Laparoscopes, 10 mm

 HD Compatible



EXTRA LENGTH laparoscope, 10 mm diameter,

30°	8934.4424
50°	8934.4434

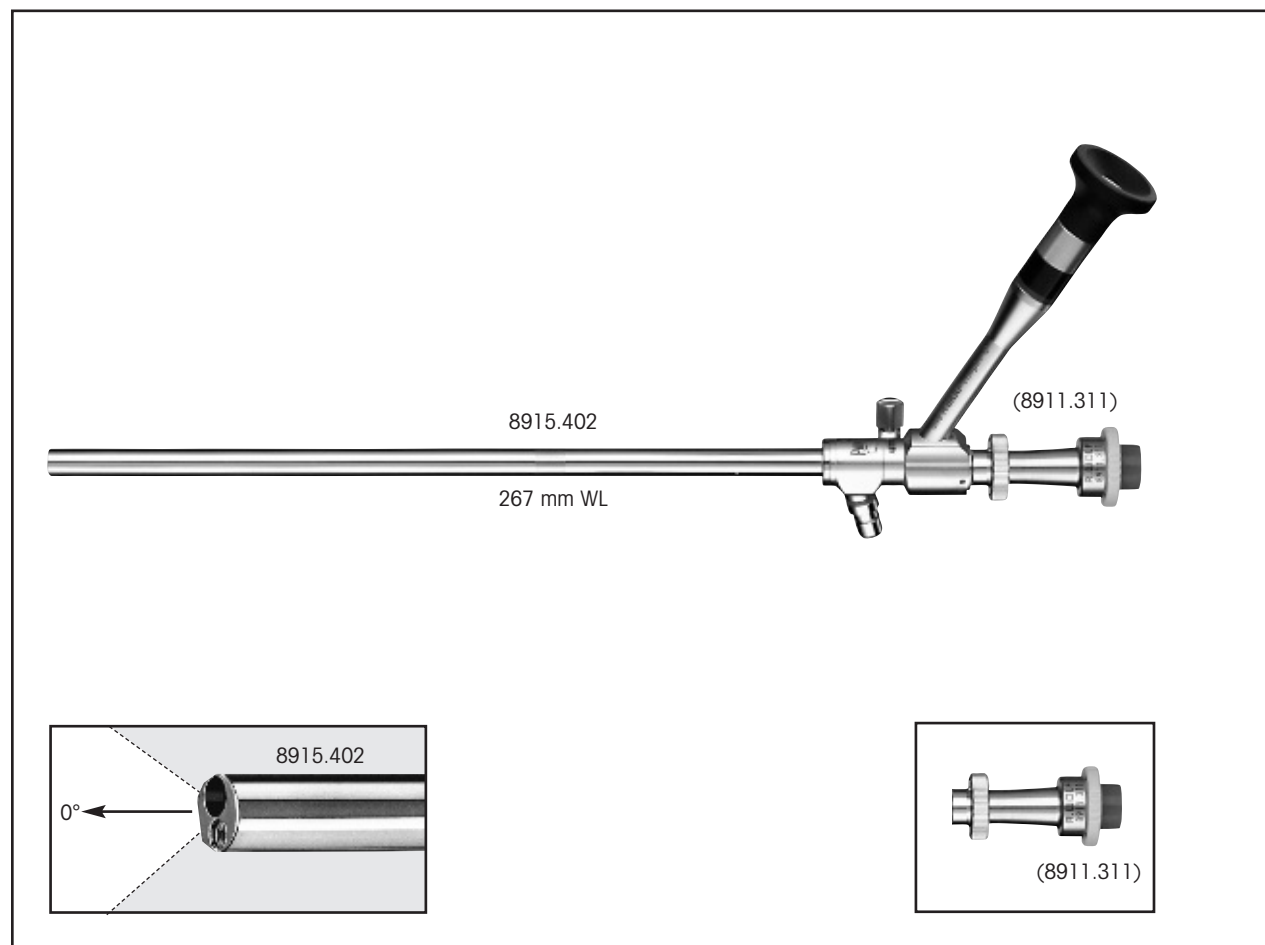
Fiberoptic light cable,

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

Operating Laparoscope, 10 mm

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:

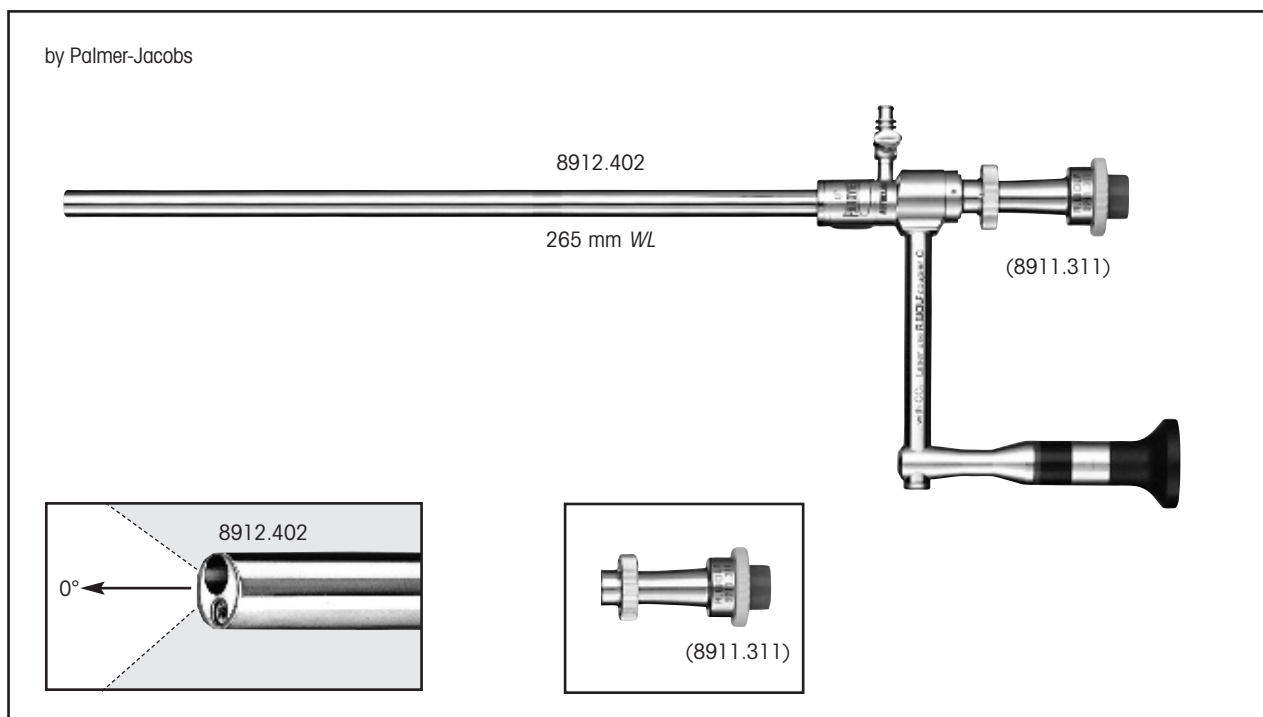
Detachable instrument port with stopcock8911.316

Fiberoptic light cable,
3.5 mm bundle, 3M WL8061.0356



Operating Laparoscope, 10 mm

5mm working channel, right-angle eyepiece



PANOVUE PLUS operating laparoscope 10 mm diameter,

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:

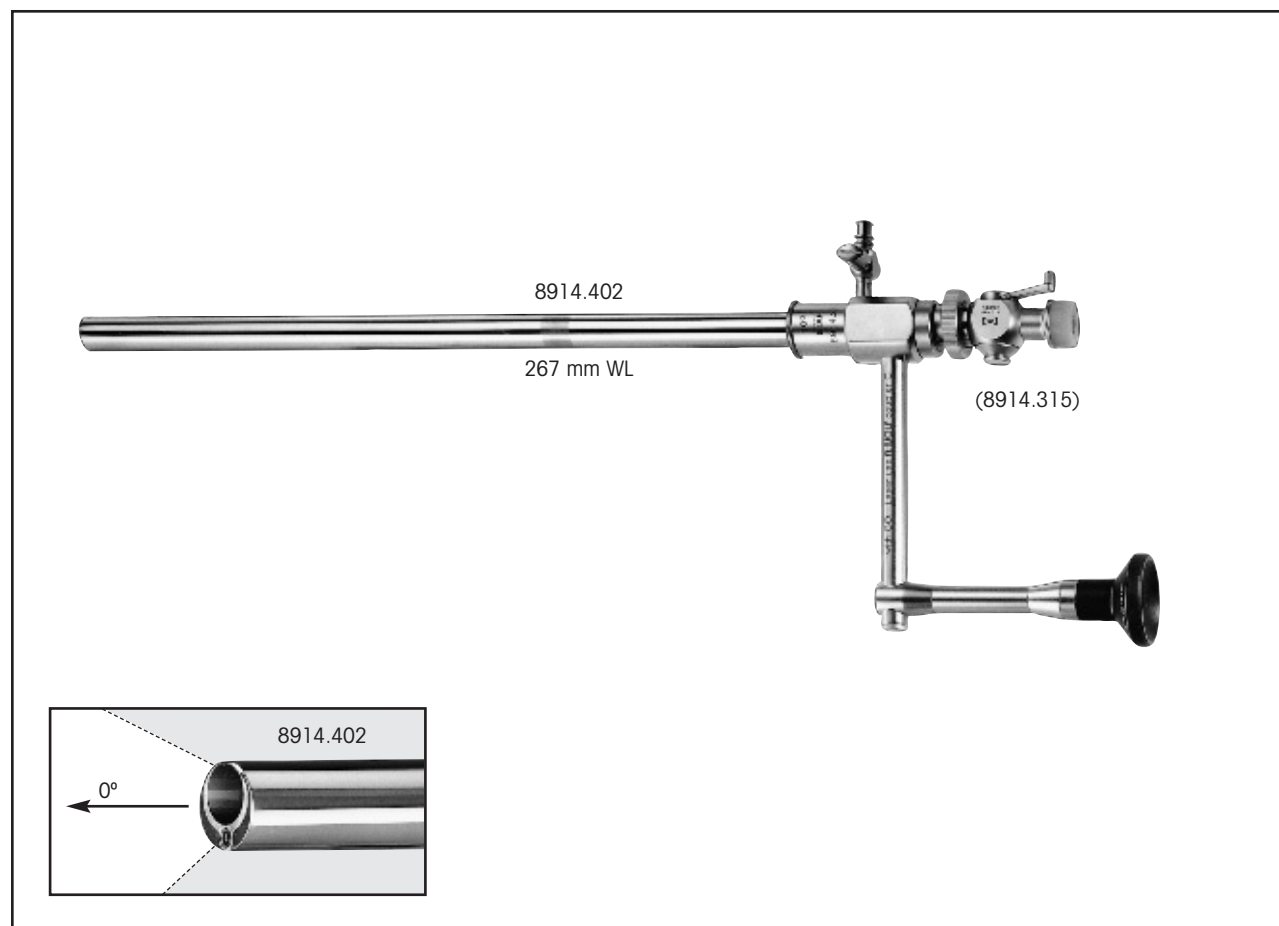
Detachable instrument port with stopcock 8911.316

Fiber optic light cable,

3.5 mm bundle, 3M WL 8061.0356

Operating Laparoscope, 12.5 mm

7.3 mm working channel, right-angle eyepiece

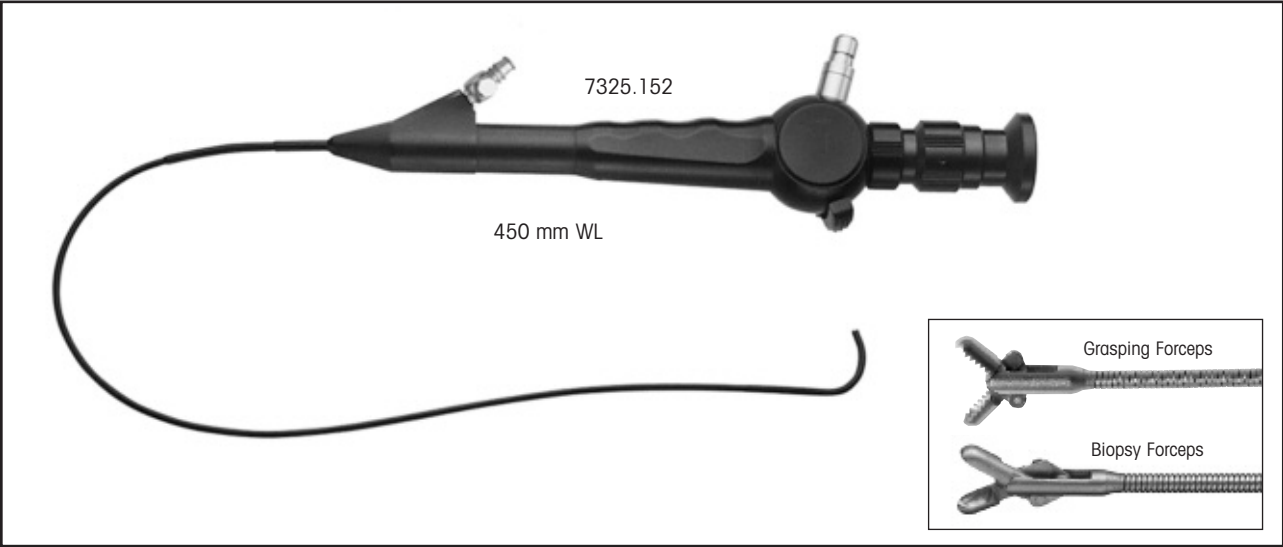


Panoview Plus operating laparoscope, 12.5 mm diameter,
with fixed eyepiece,
7.3 mm working channel, and
detachable stopcock assembly (8914.315)
0°8914.402

Stopcock assembly8914.315
Sealing caps, yellow, 12/pkg.89.05YE
Device stop for using the Hulka Clip applicator,
with the 8914.4028388.991
Fiberoptic light cable, 3.5 mm bundle, 3M WL8061.0356

Recommended RIWO-ART Trocar Sleeves 12.5mm,
Metal Sleeve, straight distal tip, 100 mm WL8924.014
Trocar, pyramidal tip, 100 mm WL8924.123
Metal sleeve, straight distal tip, 150 mm WL8924.016
Trocar, pyramidal tip, 150 mm WL8924.125

Flexible Choledochoscope, 2.5 mm



Flexible Choledochoscope, 2.5 mm diameter,
with fixed eyepiece, 1.2 mm (3.6 Fr.) operating channel, including
cleaning brush (7321.911), leakage tester (163.903), flexible biopsy
forceps (829.601), "T" adapter (7305.781), and case. Logical
deflection: 130° up with upward lever movement, 160° down with
downward lever movement,
450 mm WL7325.152

Fiberoptic light cable,
1.6 mm bundle, 1.8 M.8061.16

Forceps, flexible, 3 fr.
Biopsy, 950 mm WL829.601
Grasping, 950 mm WL828.651

Flexible Endoscope Tray
for storage and sterilization
Eto gas only, 22"L x 14"W x 3"D573.101