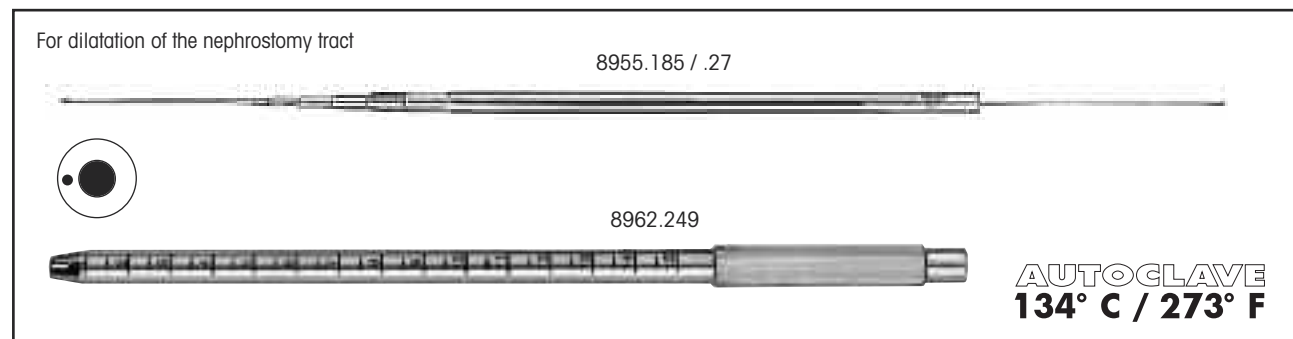




Nephroscopy

Dilators and Fascia Scalpel

for percutaneous low-pressure universal
nephroscopes



Endoscope dilator

for use over a J-guide wire
consisting of:

- 1 hollow guide rod 6 Fr. (8955.06),
- 4 telescope dilators 9 - 18 Fr.8955.185
- 7 telescope dilators 9 - 27 Fr.8955.27

Optional:

Dilator, 30 Fr.

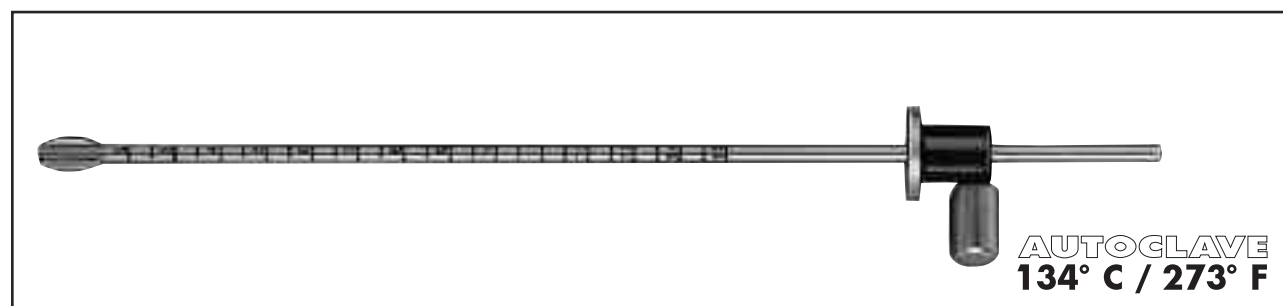
to fit over 27 Fr. dilator of 8955.278955.308

Dilatation guide rod, 9 Fr.

with larger internal diameter for introducing
a second guide wire.....8962.19

Bougie, 24 Fr.

for introducing a second guide wire,
used over the 15 Fr. dilator8962.249



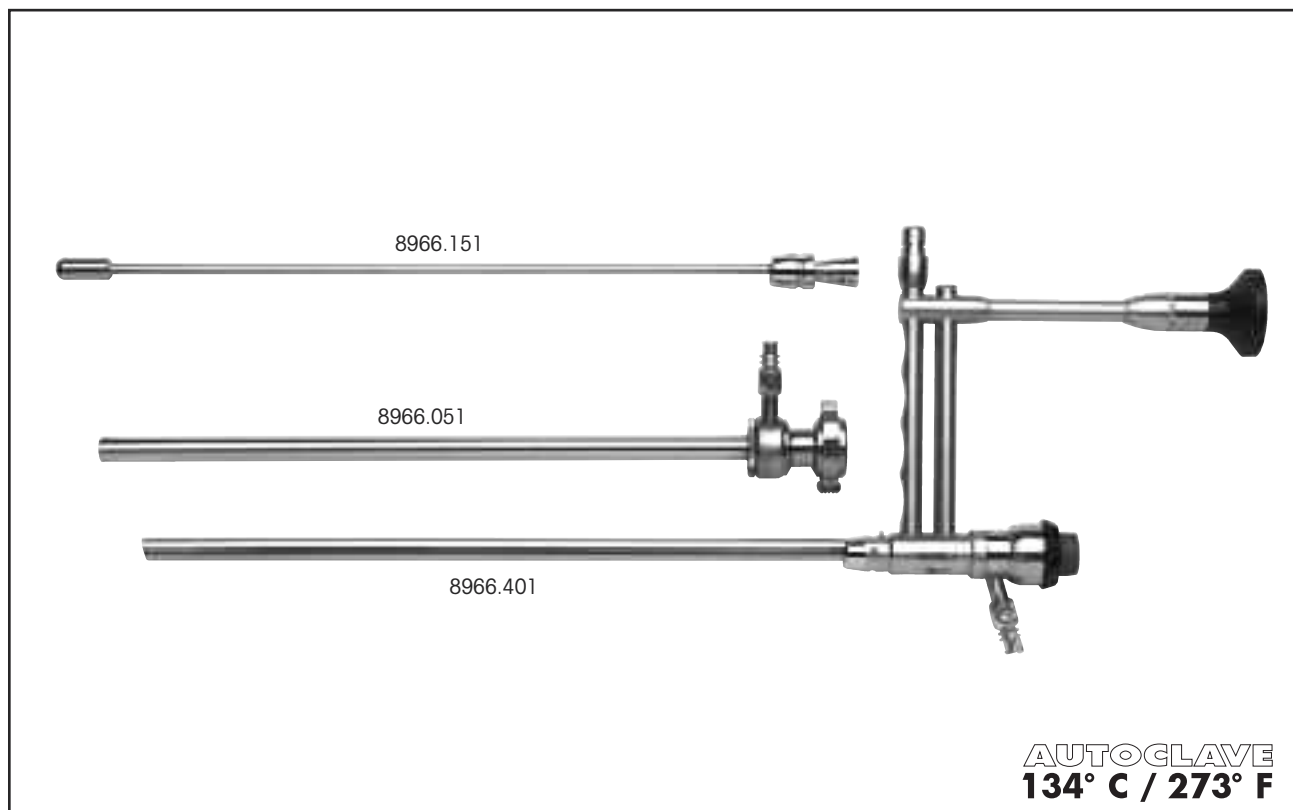
Percutaneous fascia scalpel (Knife by Kort)

for use over a guide wire8962.72

It is often difficult, particularly with patients who have already undergone surgery, to dilate the nephrostomy tract to 24 or 26 Fr., because the scar tissue is usually hard and inelastic. Cold slitting of this tissue makes access much easier.

The subsequent dilatation then only involves the transparenchymatous area of the kidney.

27 Fr. Extra Long Percutaneous Nephroscope



- 25 cm WL without sheath; 23 cm WL with sheath
- Uses all standard percutaneous forceps and US probes
- 4 mm Ø insert capacity
- 12° Panoview rod lens system provides large pristine images

Operating sheath

with irrigation outlets at the distal tip,

irrigation tap, 27 Fr., WL 23 cm8966.051

Obturator, hollow, 27 Fr.....8966.151

PANOVIEW Operating Endoscope 12°, extra long

with oval instrument channel for 4 mm auxiliary instruments,
can also be used for irrigation or aspiration,

WL 23 cm or 25 cm without sheath8966.401

Accessory Parts:

Sealing Cap, 2-3 mm, blue, 12/pkg 89.02BL

Sealing Membrane, 10/pkg 89.103

Black Screw Cap 15176.106

Technical Data:

Eyepiece Design 90°

Working Length 25 cm

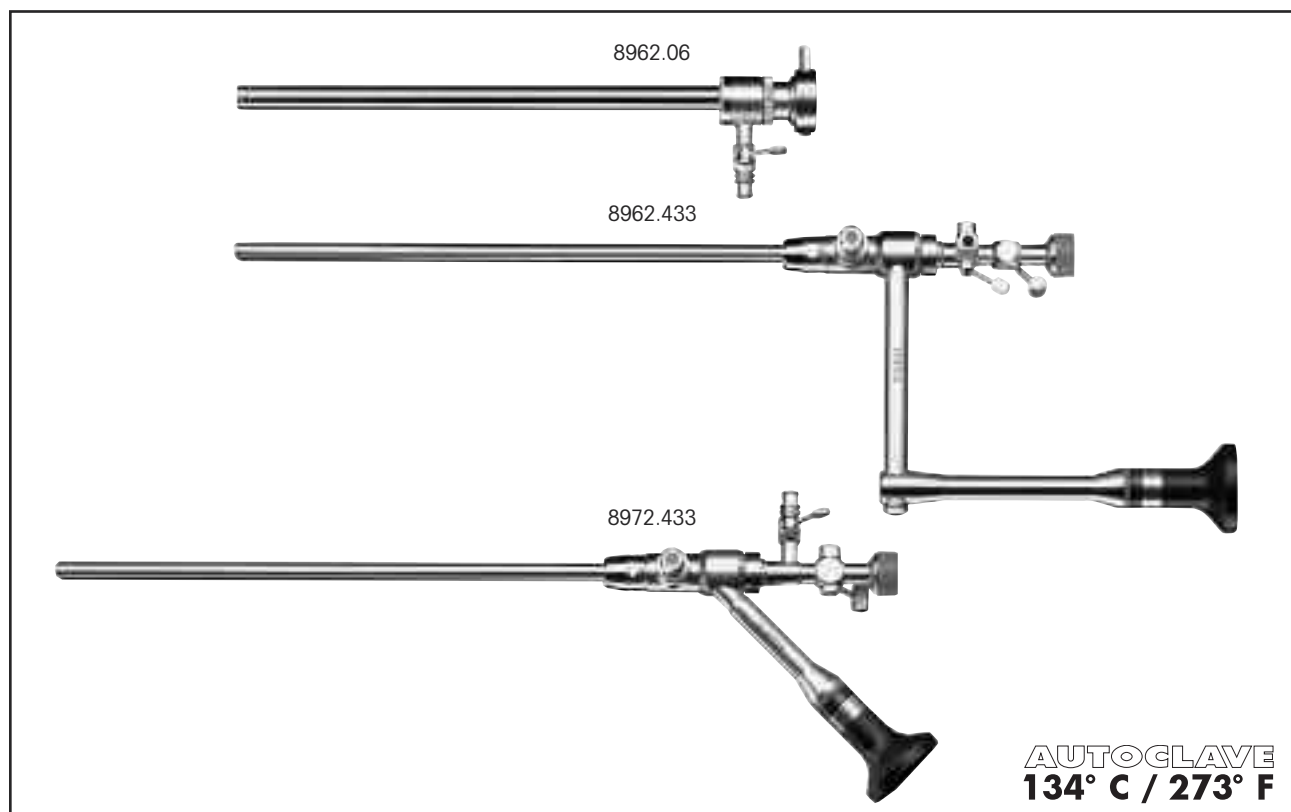
Sheath Length 23 cm

Angle of View 12°

Insert Capacity 4 mm

Rod Lens System Yes

27 Fr. Standard Percutaneous Nephroscope



Operating sheath

with irrigation outlets at the distal tip, including hollow obturator for use over a guide wire, with rotating irrigation tap,
27 Fr., WL 175 mm.....8962.06

PANOVUE 90° offset eyepiece, operating telescope by Marberger, 25°

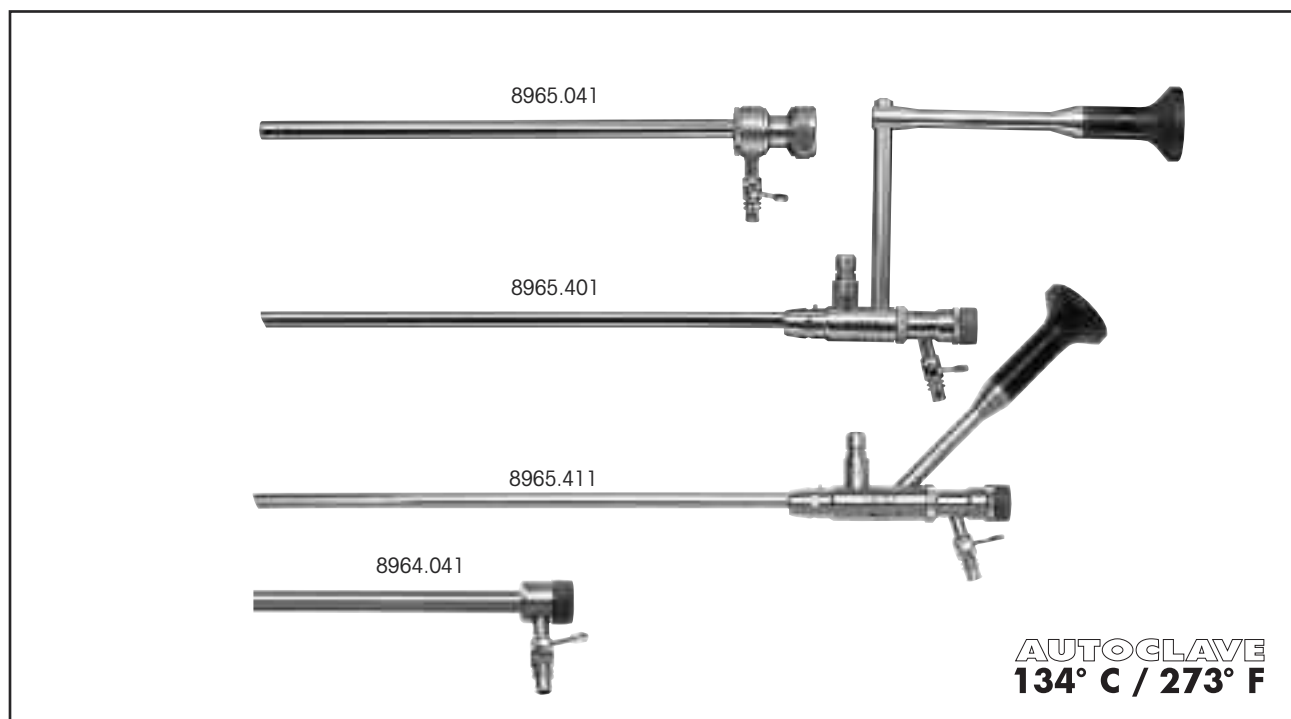
with oval instrument channel for 4 mm auxiliary instruments,
can also be used for irrigation or aspiration,
WL 195 mm8962.433

or

PANOVUE operating telescope by Wickham, 25°

with oblique eyepiece, oval probe channel for
4 mm auxiliary instruments, can also be used
for irrigation or aspiration, WL 195 mm8972.433

24 Fr. Percutaneous Universal Nephroscopes



- ❑ Small sheath caliber but robust construction thanks to the use of top-quality materials such as titanium and stainless steel
- ❑ Large oval working channel for auxiliary instruments up to 3.5 mm diameter while maintaining efficient irrigation
- ❑ New PANOVIEW PLUS rod lens system for optimum image quality
- ❑ User-friendly with continuous-irrigation option, rotatable irrigation ring on the sheath and automatic valve
- ❑ Extended working length – suitable for obese patients

Sheath, 24 Fr.

round, with rotatable irrigation collar, distal tip

straight, automatic locking mechanism, 204 mm WL.....8965.041

Hollow obturator8965.141

PANOVIEW PLUS operating endoscope with 90° offset eyepiece,

20° angle of view, capacity 3.5 mm,

224 mm WL, oval instrument channel, automatic valve (8964.711)

with sealing membrane (5 pieces / 89.102) and sealing cap,

blue (89.02)8965.401

PANOVIEW PLUS operating endoscope

with 45° offset eyepiece, 20° angle of view, capacity 3.5 mm,

WL 224 mm, oval instrument channel, automatic valve (8964.711)

with sealing membrane (5 pieces / 89.102) and sealing cap,

blue (89.02)8965.411

Amplatz sheath, 24.3 Fr.,

for application of nephroscopes with sheaths up to

24 Fr., working length 150 mm8964.041

Accessory Parts:

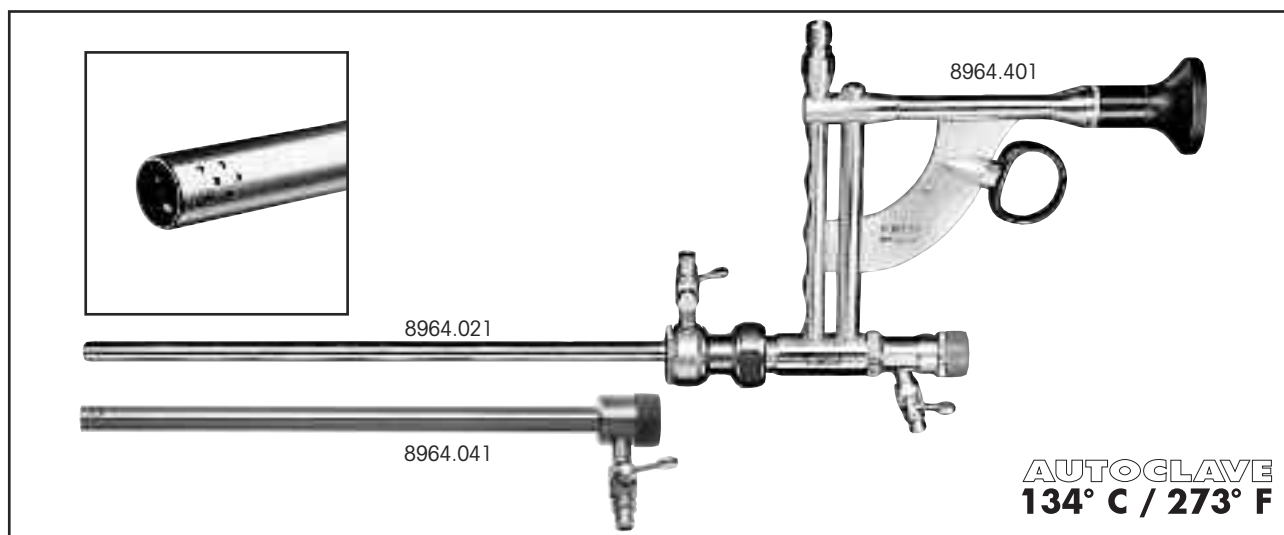
Sealing Cap, 1-2 mm, red, 12/pkg. 89.01RE

Sealing Membrane, 5/pkg. 89.102

Sealing Cover 15176.100

Instrument / Irrigation Adapter 8964.711

20.8 Fr. Percutaneous Universal Nephroscope



- ☐ Extremely small sheath circumference - but the same sturdy construction
- ☐ Large oval working channel, 14 Fr., for auxiliary instruments up to 3.5 mm diameter such as the standard ultrasound sonotrodes - with effective irrigation
- ☐ New PANOVIEW PLUS rod lens system - for optimum image quality
- ☐ Ergonomic design and user-friendly automatic valve - for fatigue-free operation and optimum handling

20.8 Fr. Percutaneous Universal Nephroscope

comprising:

Sheath, 20.8 Fr.

round, with rotatable irrigation collar, distal tip

straight, automatic locking mechanism, 204 mm WL8964.021

also:

Obturator, hollow8964.121

PANOVIEW PLUS Operating Nephroscope

with 90° offset eyepiece, 12°, capacity 3.5 mm, 224 mm WL, oval instrument channel, automatic valve (8964.711) with sealing membrane (pack of 5 / 89.102) and sealing cap,

blue (89.02)8964.401

Amplatz sheath, 24.3 Fr.,

for application of nephroscopes with

sheaths up to 24 Fr.,

working length 150 mm8964.041

Sealing membrane retainer15176.100

Accessory Parts:

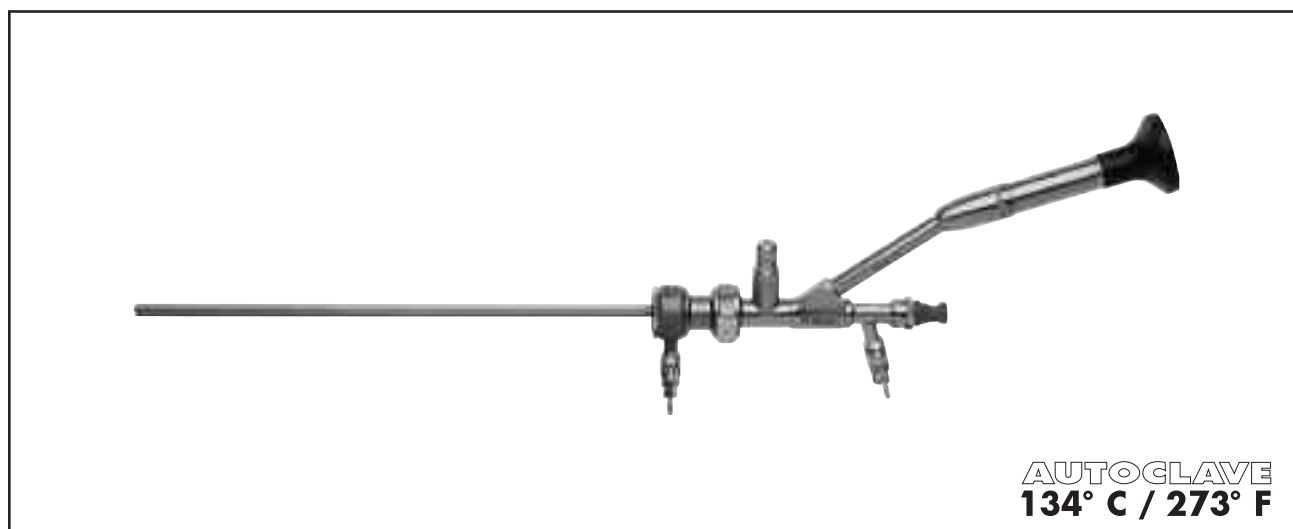
Sealing Cap, 1-2 mm, red, 12/pkg. 89.01RE

Sealing Membrane, 5/pkg. 89.102

Sealing Cover 15176.100

Instrument / Irrigation Adapter 8964.711

15 / 18 Fr. Miniature Nephroscope



- ❑ For large lower pole caliceal stones as an alternative to ESWL
- ❑ A useful addition to the instrument set for percutaneous stone therapy
- ❑ A very practical instrument for therapy of large renal pelvis and caliceal stones
- ❑ Highest possible resolution and largest possible image due to use of 50,000 pixel image guide
- ❑ Automatic seal between sheath and endoscope
- ❑ Fast and safe introduction of auxiliary instruments thanks to automatic seal on working channel
- ❑ Smallest possible sheath size but nevertheless robust due to use of titanium and stainless steel
- ❑ Can be used with Amplatz sheaths as of 13 Fr.
- ❑ Stainless steel special bougies for time-saving "one-step" dilatation

PANOVIEW Operating Nephroscope with parallel offset eyepiece, 12° viewing angle, 6 Fr. working channel, automatic valve with sealing membrane, 225 mm WL8968.421

Sheath,

Sheath, 15 Fr., round, with rotatable irrigation collar, distal tip straight, automatic connector, 205 mm WL8968.001
also:

Obturator,

hollow8968.101

Sheath,

18 Fr., round, with rotatable irrigation collar, distal tip straight, automatic connector, 205 mm WL8968.011
also:

Obturator,

hollow8968.111

Amplatz sheath,

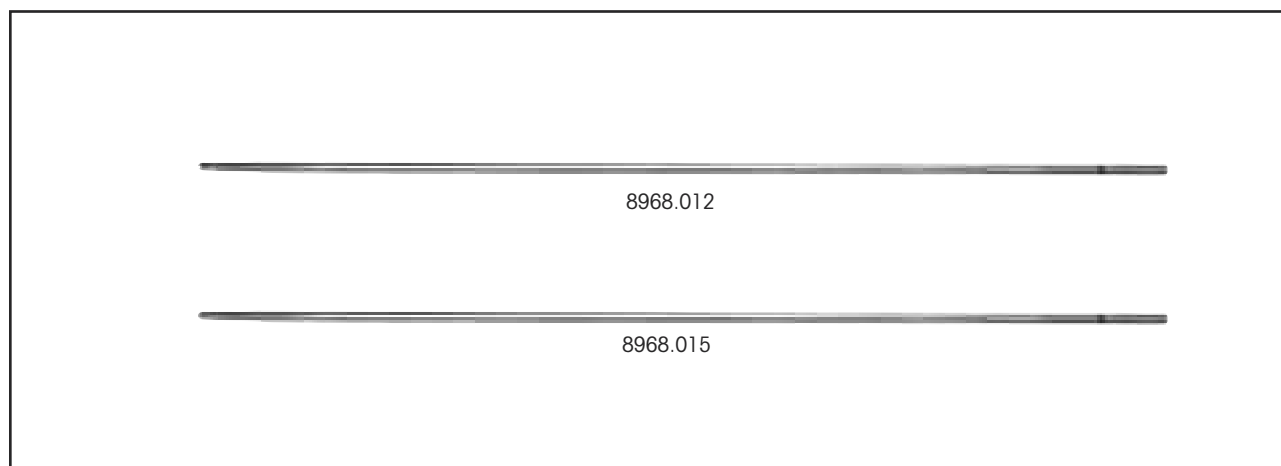
18 Fr., 134 mm WL8968.041

Accessory Parts:

Sealing Cap, 3-6 Fr., white, 12/pkg 84.012
Sealing Membrane, yellow 5/pkg 89.101
Sealing Cover, ball fitting. 15256.393
Sealing Cover, ball fitting. 15256.456

Auxiliary Instruments

for 15 / 18 Fr. Miniature Nephroscope



Dilator,

12 Fr. for "one-step" dilatation, length 320 mm8968.012

Dilator,

15 Fr. for "one-step" dilatation, length 320 mm8968.015

		Working length	Ø	Type
	Stone grasping forceps with overload protection and mouse tooth geometry	365 mm	2 mm	8968.601
	Three-pronged stone grasper	365 mm	2 mm	8968.671
	Spare stone grasper insert for 8968.671	—	—	8968.675

Ultrasound sonotrodes,

1.9 mm Ø, length 340 mm8962.519

Membrane retainer, standard15256.393

Membrane retainer with Luer connector15256.456

Membrane seal (pack of 10)89.101

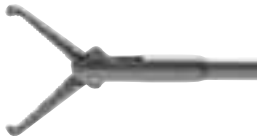
Auxiliary Instruments

for 27 Fr. percutaneous nephroscopes

	For use in the instrument channel of operating telescopes 8962.433 and 8972.433		WL mm	Ø mm	Type
	Stone forceps, rigid	alligator jaws	340	4.0	8962.604
	Stone forceps, rigid	finley serrated jaws, "peanut shape"	340	4.0	8962.607
	Stone forceps, rigid	for extraction of larger fragments	340	4.0	8962.605
	Stone forceps, rigid	angled distal-end by Wickham-Miller	355	3.0	8962.602
	Stone grasping forceps, rigid	alligator jaws	352	3.5	8962.60
	Stone grasping forceps, rigid	finely serrated for soft stones	352	3.5	8962.61
	Stone grasping forceps, rigid	for extraction of larger fragments	350	3.5	8964.601
	Three-pronged stone grasper, rigid	self-closing	350	3.5	8964.671
	Spare grasper	self-closing	350	3.5	8964.675

Auxiliary Instruments

for 20.8 Fr. and 24 Fr. percutaneous nephroscopes

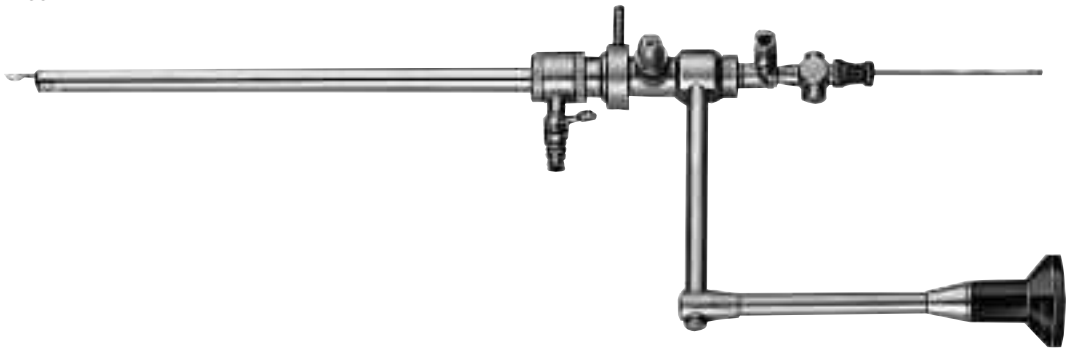
		Working length	Ø	Type
	Stone grasping forceps	350 mm	3.5	8964.601
	Spare stone grasper, 3-pronged	350 mm		8964.671
	Spare stone grasper, 3-pronged			8964.675
	Stone forceps, angled distal tip, by Wickham-Miller	340 mm		8962.602
	Stone grasping forceps, finely serrated, for soft stones	340 mm		8962.61

Naturally, all other standard instruments belonging to the »Percutaneous Nephroscope« up to 3.5 mm diameter can be used, for example, ultrasound sonotrodes, lithoclast, electrohydraulic lithotripsy and mechanical instruments.

Accessory Instruments

For percutaneous low-pressure universal
nephroscopes by Marberger

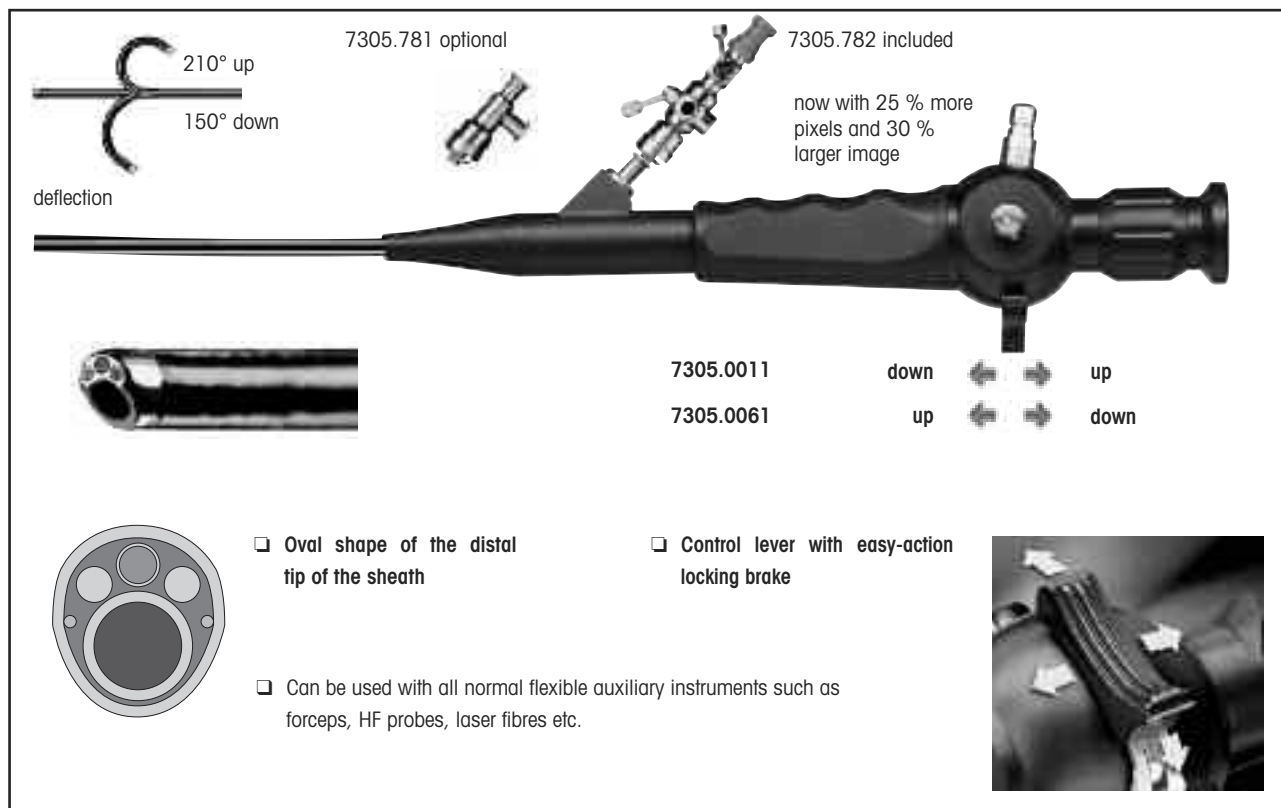
Scalpel for slitting UPJ strictures
For use in the operating channel of nephroscopes, 8962.433
and 8972.433



AUTOClave
134° C / 273° F

Instrumentation	Description	Blade Design	Type
	Stricture scalpel	Half-moon shaped	8962.951

15 Fr. Flexible Nephroscope 7.5 Fr. Channel



- ☐ Stone extraction from inaccessible regions
- ☐ Tumor diagnosis in the entire renal pelvis
- ☐ Reduced weight and ergonomic design for optimum handling and less strain on the operator
- ☐ 0° angle of view, 120° field of view
- ☐ Immersible and gas sterilizable

	Outer diameter	Instrument channel	Working length	Type
15 Fr. Flexible Nephroscope including instrument port (7305.782), flexible mouse-tooth forceps (8736.685), leak tester (163.903), gas sterilization valve (163.904), cleaning brush (7264.691), case	5 mm 15 Fr.	2.5 mm 7.5 Fr.	400 mm	Forward movement of the control lever produces downward movement of the tip 7305.0011
				Forward movement of the control lever produces upward movement of the tip 7305.0061
Optional: Light cable 2.5 mm Ø 	—	—	3000 mm	8061.256

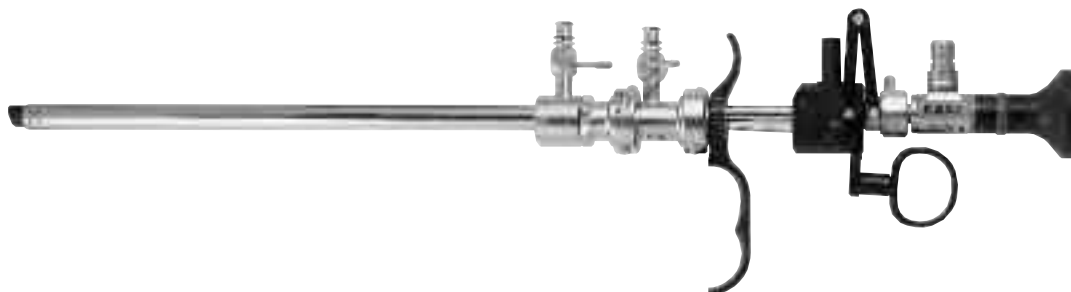
Auxiliary Instruments for flexible nephroscope

	Outer - Ø	WL	Types
Flexible foreign body forceps 	1.6 mm 5 Fr.	550 mm	828.051
Mouse-tooth grasping forceps, Safe and effective grasping with mouse-tooth geometry 	1.6 mm 5 Fr.	550 mm	8735.685
	2.0 mm 6.5 Fr.	550 mm	8736.685
RIWOLITH probe, for electrohydraulic lithotripsy (5 / box) 	1.1 mm 3.3 Fr.	770 mm	2280.335
Attachment with 2 Luer connectors, quick-lock mechanism 	—	—	7305.781
Sealing adapter, sterile, 5 / box 	Insert capacity: 0-6 Fr.	—	20.SA65

Instruments for Resection of Tumors in the Renal Pelvis

for universal nephroscope by Marberger

For use in the operating sheath 8962.06



AUTOCLAVE
134° C / 273° F

Inner sheath

distal tip insulated8962.122

Working element

passive cutting action8654.224

Cutting electrode

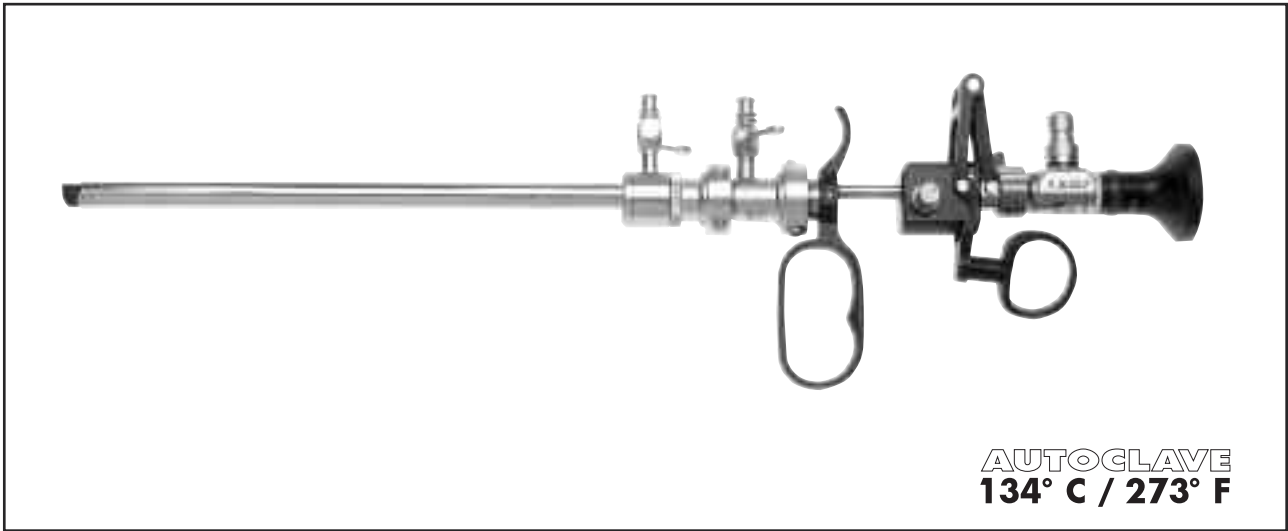
loop 0.3 mm wire, 10 / bx, sterile8422.1310

27 Fr. Percutaneous sheath8962.06

Ø	Angle of view	With enlarged image and objective field	Endoscope
4 mm	30°	8654.422	

Optical Percutaneous Ureterotome

for universal nephroscope 24 Fr. and 27 Fr.



- Outer sheath, 24 Fr. 8965.041
Working element for stricture scalpel8667.911
or
Outer sheath, 27 Fr.8962.06
Inner sheath, distal tip insulated8962.122
Working element for stricture scalpel8667.911

Ø	Angle of view	with enlarged image and objective field	Endoscope
4 mm	0°	8650.414	
	12°	8654.431	

Instruments for Percutaneous Slitting of Strictures

for universal nephroscope

Stricture scalpel with ceramic blade	Blade	rigid
	Half-moon, solid	8667.961
	Half-moon, hollow (for 4 Fr. ureteric catheters)	8667.966
	Shark-fin for narrow stenoses, hollow (for 4 Fr. ureteric catheters)	8667.971
	Lancet	8667.981

Steel stricture scalpel	Blade	rigid
	half-moon	8667.965
	wave edge	8667.955
	half-moon	8667.96
	wave edge	8667.95
	lancet	8667.98
	hook shaped	8667.94
	sickle shaped	8667.93