



## MIDI-size

Small-caliber Instrument Set  
for the smaller anatomy by Rösch

# MIDI-size

## Optimum therapy for adolescents and the smaller anatomy

The individually adjusted instrument size is one of the key prerequisites for atraumatic endoscopy. The risk of lesions to the mucosa lining the urethra is very high, particularly if instruments with large diameters are used in pediatric urology. Life-long complications caused by recurrent strictures may result from such trauma.

While outstanding miniature instruments have been developed for infants, no endoscope has been available for atraumatic treatment of male school children and teenagers. At this age, the urethra only permits an endoscope size of 12-15 Fr. However, the sheath length of the classic pediatric instruments is not adequate to reach the proximal end of the urethra or reach into the bladder in adolescents. Compromises were frequently made that either resulted in causing intense trauma to the urethra or a suprapubic access was necessary when small-lumen pediatric endoscopes were used for endoscopic therapy in the bladder.

The new small-caliber cysto-urethroscope with sheath sizes of 12.5 Fr. and 14.5 Fr. and a working length of 190 mm has now closed this gap. This means that these patients too can finally be offered effective therapy with minimal trauma in line with the criteria of advanced endoscopy.

The PANOVIEW telescope with outstanding optical properties has an external diameter of only 2.7 mm. This means that the 12.5 Fr. cystoscope also has a working channel of 5 Fr., which offers adequate capacity for instruments with sufficiently robust forceps as well as the endoscopic anti-reflux insert with all the standard injection cannulas and materials. Using a resectoscope sheath in conjunction with the working element offers all the possibilities for carrying out endourological operations that have so far only been

possible with large-lumen adult endoscopes. The new small-caliber endoscopes from instrument manufacturer WOLF now permit atraumatic yet effective diagnosis and therapy for young children and adolescents in line with the criteria for advanced endourology.

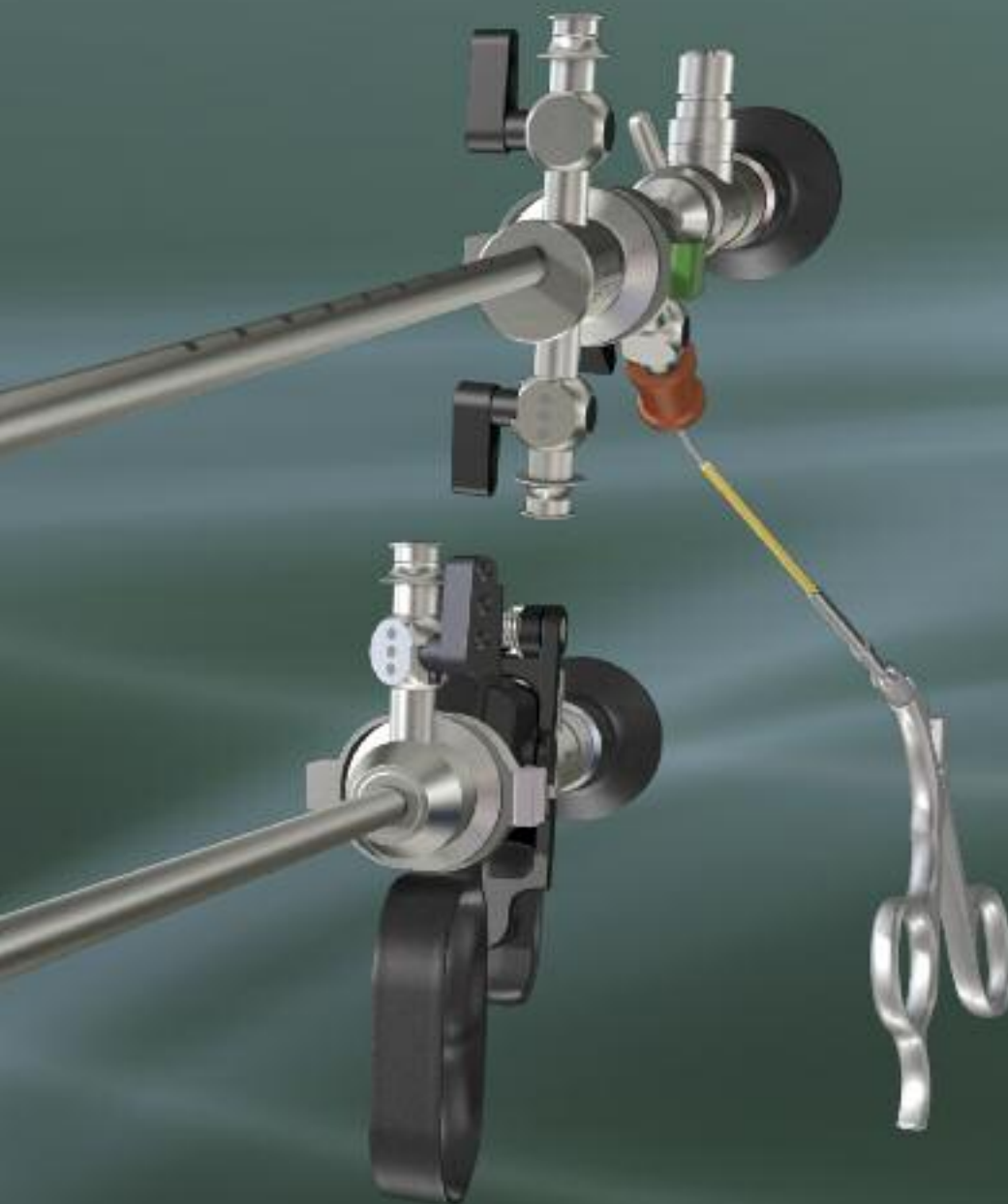
Adult patients who require adjusted instrument sizes on account of their anatomical physique will also benefit from these instruments in future.



**Professor Wolfgang H. Rösch, FEAPU**  
Chief Physician  
Pediatric Urology Clinic  
Barmherzige Brüder Hospital, Regensburg



Richard WOLF now offers a perfectly matched instrument in MIDI-size for patients with smaller anatomies. In the past, these patients could not be optimally treated because pediatric instruments were too short and adult instruments were too thick.



**MIDI-size Cysto-Urethroscope with 12.5 and 14.5 Fr.**

Although the MIDI-size Cystoscope has a low external diameter, it has a large working channel (5 or 7 Fr.) and therefore permits the use of relatively large instruments and all common injection needles even for the smaller anatomy. Patients with matching anatomies can therefore be effectively diagnosed and treated without trauma.

- Avoidance of recurrent strictures with atraumatic treatment
- Outstanding 30° PANOVIEW Telescope
- Compatible with all standard injection needles for endoscopic anti-reflux insert
- Large working channel

**MIDI-size resectoscope 14.5 Fr.**

The MIDI-size series is completed with the new 14.5 Fr. resectoscope. The new stricture scalpels can be used to perform resections and Urethrotomies using the resectoscope optimally tailored to the needs of adolescent patients and the appropriate electrodes.

- Effective yet atraumatic treatment for the smaller anatomy
- Optimum visualizing conditions with 0° PANOVIEW Telescope
- The large working channel permits all options for endourological surgery.
- Range of different stricture scalpels
- Cutting, hook and coagulation electrodes

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MIDI-size Cysto-Urethroscope	MIDI-size Resectoscope	Accessories:
<p><b>Cysto-Urethroscope Sheath Set 12.5 Fr.</b> comprising: Cysto-Urethroscope sheath, lumen 5 Fr., color code green (86720255), Obturator (86720257) and luer-lock fitting (886.00) .....<b>86720251</b></p> <p><b>Cysto-Urethroscope Sheath Set 14.5 Fr.</b> comprising: Cysto-Urethroscope sheath, lumen 7 Fr., color code white (86720455), Obturator (86720457) and luer-lock fitting (886.00) .....<b>86720451</b></p> <p><b>PANOVIEW Telescope</b> 30°, diameter 2.7 mm, distortion-free, autoclavable .....<b>8672432</b></p> <p><b>Attachment</b> with 1 stopcock .....<b>8672265</b></p> <p>also: <b>Foreign-body grasping forceps,</b> 5 Fr. ....<b>828.05</b></p> <p><b>Biopsy forceps,</b> 5 Fr. ....<b>829.05</b></p> <p><b>Foreign-body grasping forceps,</b> 7 Fr. ....<b>828.07</b></p> <p><b>Biopsy forceps,</b> 7 Fr. ....<b>829.07</b></p> <p><b>Scissors,</b> 7 Fr. ....<b>830.07</b></p>	<p><b>Resectoscope Sheath Set 14.5 Fr.</b> comprising: Resectoscope sheath, color code white (86770155), Obturator (86770157) and luer-lock fitting (886.00) .....<b>86770151</b></p> <p><b>PANOVIEW Telescope</b> 0°, diameter 2.7 mm, distortion-free, autoclavable .....<b>8672430</b></p> <p><b>Working element "E-line"</b> passive cutting .....<b>8677224</b></p> <p>also: <b>Coagulation electrode</b> .....<b>8416011</b></p> <p><b>Cutting electrode</b> .....<b>8416031</b></p> <p><b>Hook electrode</b> .....<b>8416091</b></p> <p><b>Stricture scalpel</b> lancet-shaped, cutting on both sides .....<b>8677981</b></p> <p><b>Stricture scalpel</b> sickle-shaped .....<b>8677931</b></p>	<p><b>CCD Endocam Controller 5520 Set</b> .....<b>5520.2101</b> also: <b>Remote control</b> .....<b>5520.401</b></p> <p><b>Urological camera head</b> .....<b>5520.933</b></p> <p><b>1 CCD camera head</b> autoclavable .....<b>8520.902</b></p> <p><b>Miniature RIWO objective lens</b> f= 12 mm, autoclavable .....<b>85264.121</b></p> <p><b>Light projector AUTO LP 5132 HighLight Set</b> 300 W Xenon .....<b>51320021</b></p> <p><b>Light projector LP 5132 Set</b> 300 W Xenon .....<b>51320011</b></p> <p><b>Fiber light guide</b> 2.3 m long .....<b>8061.253</b></p> <p><b>Flat screen monitor 19"</b> .....<b>5370.019</b> also: <b>Leg</b> .....<b>5370.0190</b></p> <p><b>Reprocessing basket</b> .....<b>38021.111</b></p> <p><b>RIWO system tray</b> .....<b>38201.386</b></p>

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Specifications subject to change without notice.

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