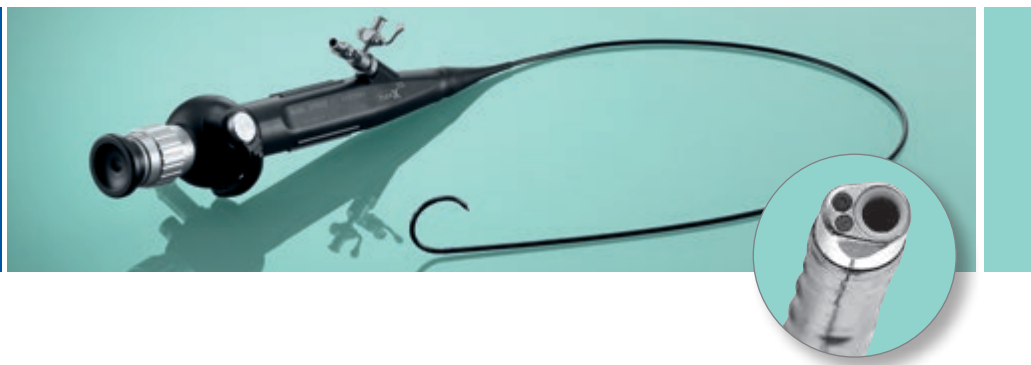


Every Detail Counts!

Flexible Uretero-Renoscope **FLEX^{2S}**

A New Dimension. Slender Design. Enhanced Visualization.



As Every Detail Counts!

Flexible Uretero-Renoscope FLEX-X^{2S}

The new dimension of the KARL STORZ Uretero-Renoscope FLEX-X^{2S} delivers unprecedented detail sharpness and brilliance thanks to double fiber capacity. This optical enhancement, in conjunction with already familiar and proven properties, provides a perfect overview of all situations – as every detail counts.

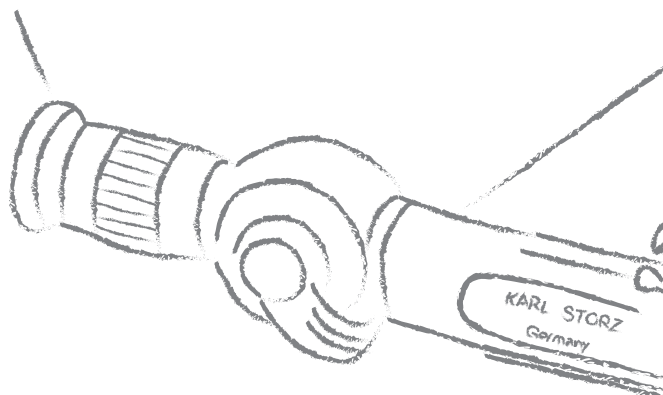
With a sheath circumference of 7.5 Fr., the FLEX-X^{2S} uretero-renoscope enables access to even complex anatomies and thus expands diagnostic and therapeutic options for urologists.

Modern technologies offer full dual 270° deflection with an easy-to-use single lever control.

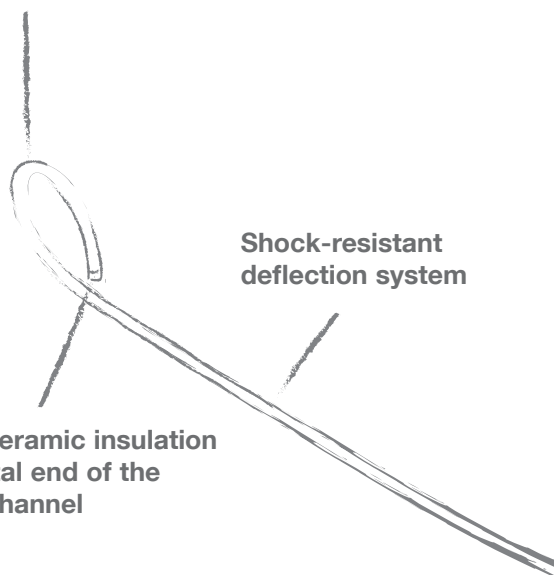
The robust sheath is extremely torsion-resistant and thus ensures smooth control.

The integrated Laserite ceramic insulation protects the instrument from thermal damage at the distal tip.

Enhanced visualization thanks
to double fiber capacity



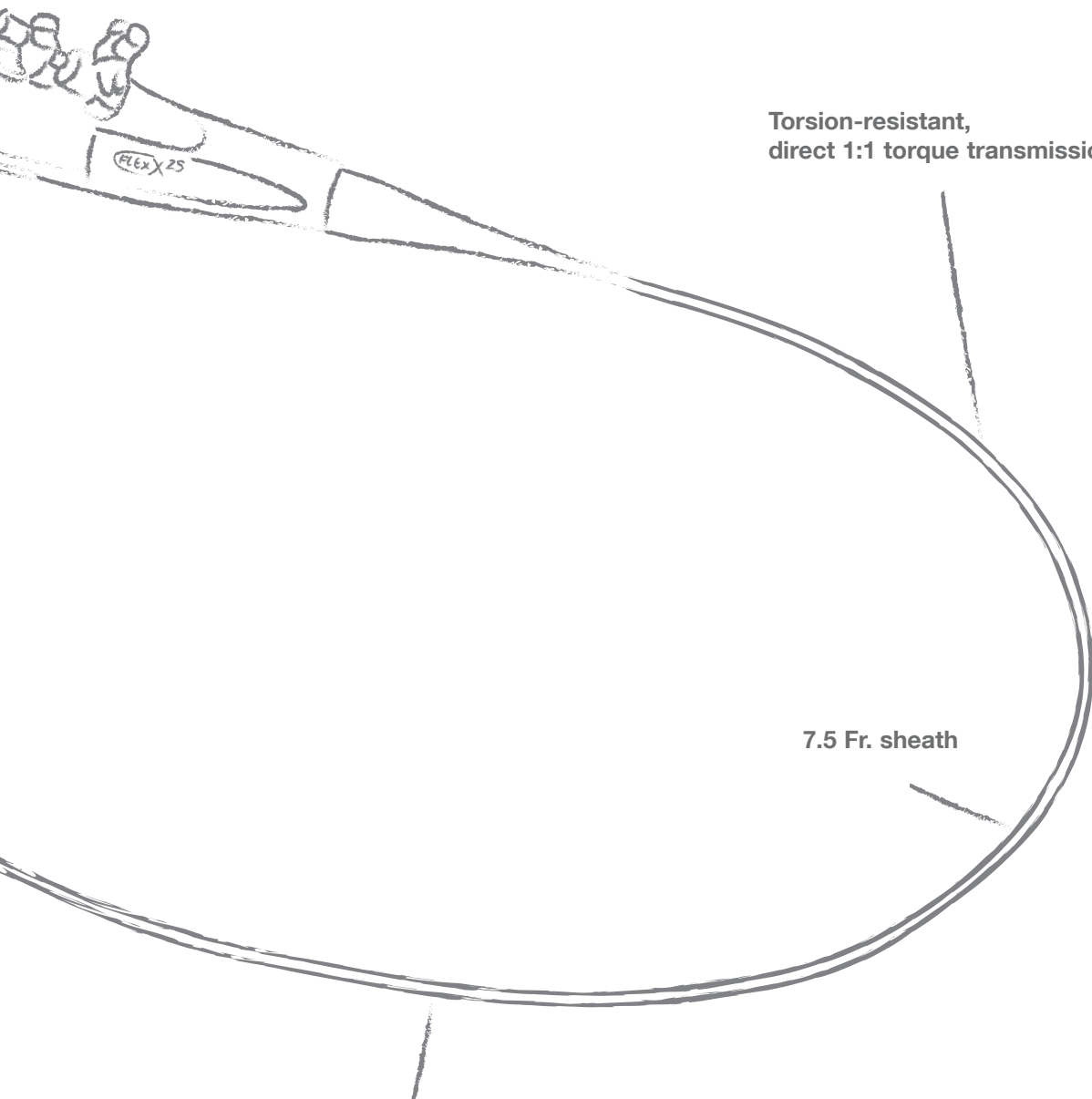
Dual active 270° deflection



NEW DIMENSION.

SLENDER

Lightweight handle



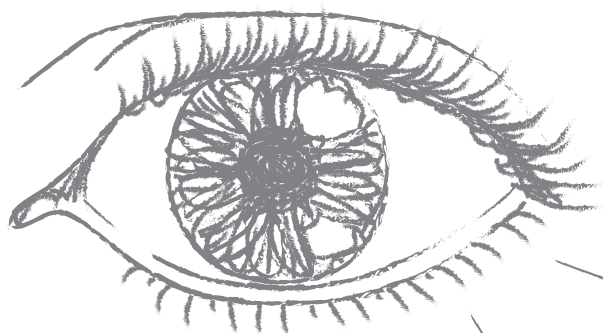
Torsion-resistant,
direct 1:1 torque transmission

7.5 Fr. sheath

Crush-resistant sheath
minimizes breakage

DESIGN.

ENHANCED VISUALIZATION.



Minimal sheath of 7.5 Fr.

Minimal sheath circumference for atraumatic treatment.

Easier insertion and positioning

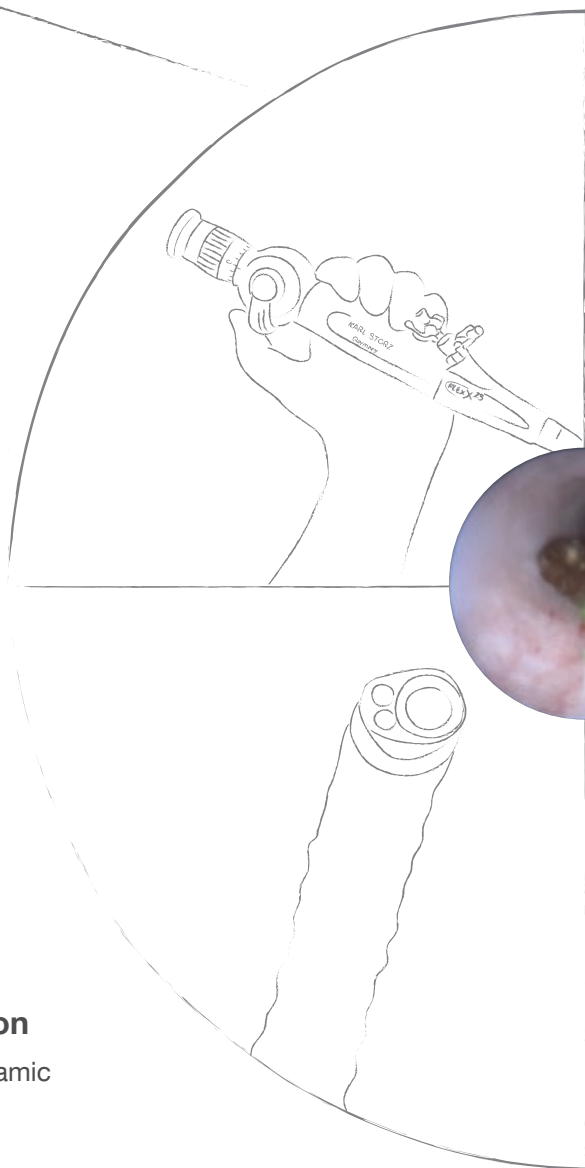
An ideal combination of a torsion-resistant sheath and a flexible tip with integrated shock absorber system allows navigation in the upper urinary tract – often without the need for dilation.

Single-lever control

Single-lever control allows dual 270° deflection and navigation in the upper urinary tract. The lightweight handle improves working conditions for the surgeon.

LASERITE ceramic insulation

The FLEX-X^{2S} has a LASERITE ceramic insulation at the distal end of the working channel. This protects the endoscope from thermal damage.



NEW DIMENSION.

SLENDER

Enhanced visualization

The FLEX-X^{2S} offers enhanced visualization even in the most confined spaces thanks to the double amount of fibers – as every detail counts.



Torsion-resistant, stable sheath

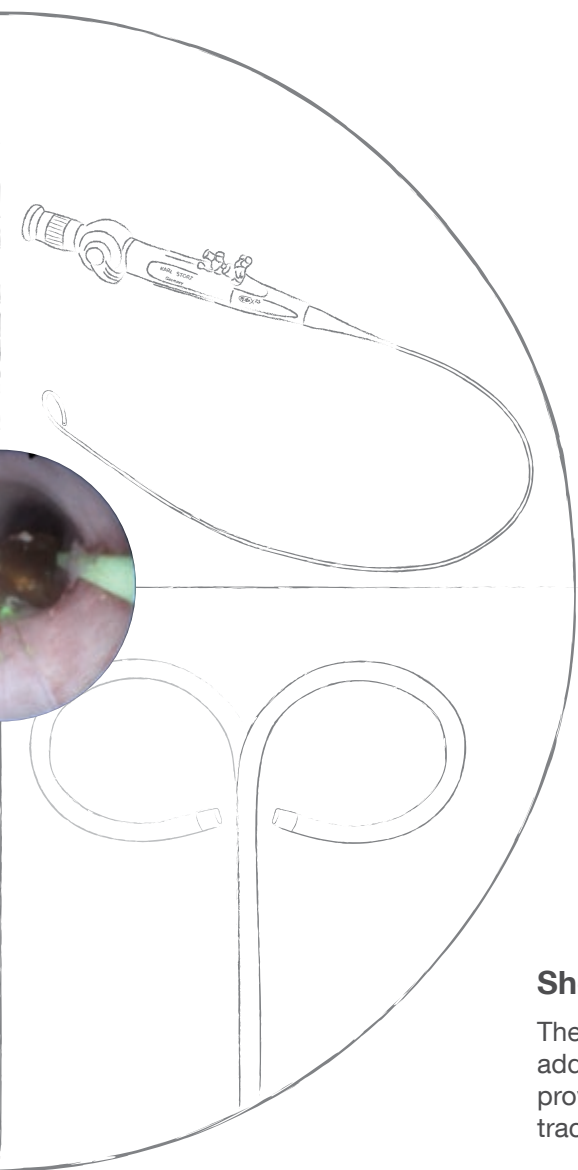
The sheath design using state-of-the-art materials allows direct 1:1 torque transmission for improved steerability.

Deflection

The advanced vertebra design provides anatomy-conforming deflection – regardless of anatomical anomalies.

Shock-resistant deflection system

The integrated shock absorber system with additional passive deflection components provides easier access to the upper urinary tract.



DESIGN.

EXCELLENT VISUALIZATION.

Flexible Uretero-Renoscope FLEX-X^{2S}

for access to the entire upper urinary tract



Order no.	Uretero-Reno-Fiberscope	Deflection of distal tip	Direction of view	Angle of view	Working length	Working channel inner diameter	Sheath size
11278 AK	with positive deflection		0°	88°	67 cm	3.6 Fr.	7.5 Fr.
11278 AUK	with contrapositive deflection		0°	88°	67 cm	3.6 Fr.	7.5 Fr.



The following accessories are included:



27677 X **Case**



13242 XL **Leakage Tester,**
with bulb and manometer



27651 AL **Cleaning Brush,** round, flexible,
outer diameter 2 mm, for working channel
diameter 1.2-1.8 mm, length 150 cm



110930-50 **Biofilm Removal Device Cleaning Brush,**
length 90 cm, brush diameter 1.7 mm, unsterile,
for single use, package of 50, for use with flexible
endoscopes with working channel diameters
1.2-1.5 mm

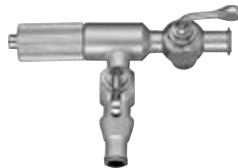


27014 Y **LUER-Adaptor,** with seal

Optional accessories:



11014 YK **Fiber Fixation Set**, for the fixation of LASER fibers in the working channels of flexible endoscopes up to diameter 1 mm including:
**Fiber Fixation
Cleaning Adaptor
Seal**, package of 10



6927691 **Adaptor for Two-Way Stopcock**, LUER-Lock with O₂ tube connection



11275 FE **Grasping Forceps**, double action jaws, flexible, 3 Fr., length 100 cm



11275 ZE **Biopsy Forceps**, double action jaws, flexible, 3 Fr., length 100 cm



27023 LB **Stone Basket**, nitinol, without tip, straight, 1.9 Fr., length 120 cm, 4 wires, basket diameter 12 mm, sterile, for single use



11770 T **Coagulation Electrode**, unipolar, 3 Fr., length 110 cm



27025 P **Guide Wire**, with ball end, 3 Fr., sterile, package of 10



27550 N **Seal**, for Instrument Ports 27001 G/GF/GH/GP, package of 10, single use recommended



27001 RA **Cleaning Adaptor**

Plastic Container for the Sterilization and Storage of Uretero-Renoscopes



39402 AS **Plastic Container for Sterilization**, especially suited for gas and hydrogen peroxide (Sterrad®) sterilization and storage, perforated, with lid, for use with flexible endoscopes up to max. 95 cm working length, external dimensions (w x d x h): 550 x 260 x 92 mm

Please note: Fiberscopes can only be sterilized with gas and plasma in this container. The instrument displayed is not included in the plastic container.

Flexible Uretero-Renoscope FLEX-X^{2S}

for access to the entire upper urinary tract

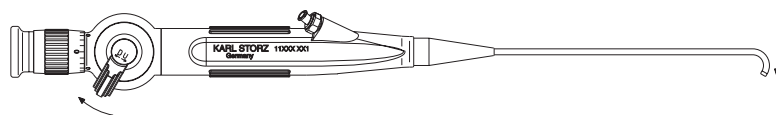
Deflection Mechanism

You wouldn't force someone who is left-handed to write with the right hand. Yet many flexible endoscopes impose exactly this type of limitation by forcing their operators to use contrapositive deflection mechanisms (American deflection).

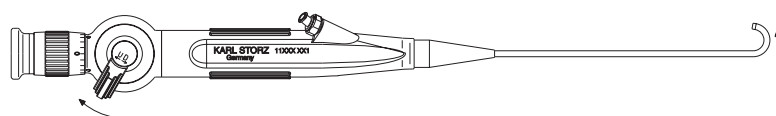
KARL STORZ answers this challenge by offering a choice of deflection mechanisms: Either positive or contrapositive. With positive (or "European") deflection, a downward movement of the lever mechanism causes an upward movement of the endoscope tip, and vice versa. Reverse this orientation by choosing the contrapositive mechanism: A downward movement of the lever mechanism now causes a downward movement of the endoscope tip.

Either way, a simple flexion of the thumb on the deflection lever sweeps the endoscope tip into some of the most challenging areas of the anatomy, such as the lower pole calyces of the kidney. Additionally, the intuitive design means you will never have to struggle to distinguish up from down – or down from up.

Choose the active tip deflection mechanism you are most comfortable with



Positive deflection mechanism



Contrapositive deflection mechanism

Notes

It is recommended to check the suitability of the product for the intended procedure prior to use.



75 Years

*Shaping the Future
of Endoscopy with you*



STORZ
KARL STORZ — ENDOSKOPE
THE DIAMOND STANDARD



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