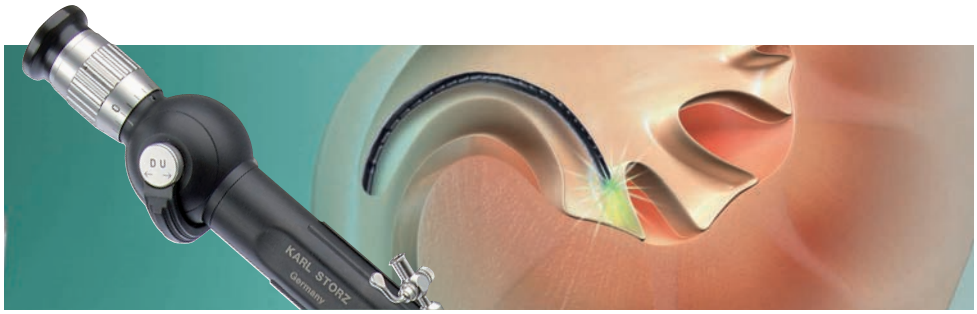
Bend the Rules!

7.5 Fr. Flexible Uretero-Renoscope FLEX-X²



STORZ
KARL STORZ — ENDOSKOPE

Bend the Rules!

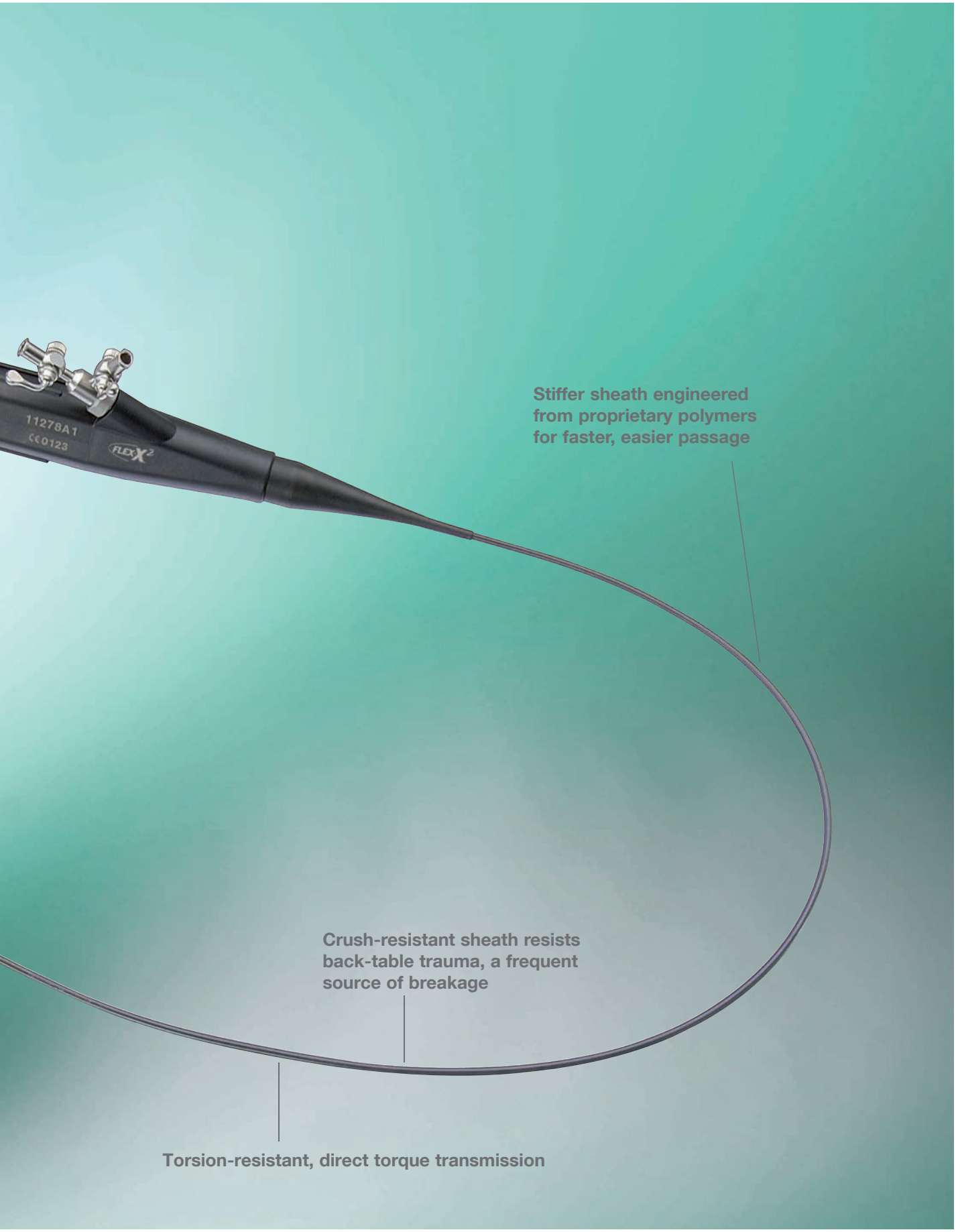
7.5 Fr. Flexible Uretero-Renoscope FLEX-X²

The uretero-renoscope FLEX-X², with a 7.5 Fr. distal tip, combines easier access and improved control to expand the diagnostic and treatment options for urologists.

With its proprietary technology, the FLEX-X² offers continuously controlled full dual 270° deflection with an easy-to-use, single-lever system.

The innovative and robust sheath is extremely torsion-resistant, ensuring better control and easier access to the kidney. The intuitive bending radius conforms to the renal anatomy no matter what its shape or size.

The LASERITE ceramic insert integrated in the distal tip of the FLEX-X² protects the instrument from thermal damage.


11278A1
CE 0123
FLEX X2
Stiffer sheath engineered from proprietary polymers for faster, easier passage
Crush-resistant sheath resists back-table trauma, a frequent source of breakage
Torsion-resistant, direct torque transmission

Minimal sheath of 7.5 Fr.

An ideal combination of a torsion-resistant sheath and a flexible tip with integrated shock absorber system allows navigation even in the most tortuous ureter and facilitates access to all renal areas, often without the need for dilation or a guide wire.

270° dual deflection

A continuously controlled active deflection of 270° (up/down) ensures access to all areas of the ureter and kidney.

Single-lever control

Patented single-lever control of the bending section provides intuitive navigation and control. The lightweight, ergonomic handle further enhances surgeon control.

Torsion-resistant, stable sheath

The sheath design incorporates state-of-the-art materials to provide 1:1 torque for enhanced steerability.

LASERITE ceramic insert

The FLEX-X^2 has an innovative tip design with a LASERITE ceramic insert at the distal end of the working channel to protect the endoscope from thermal damage.


D U
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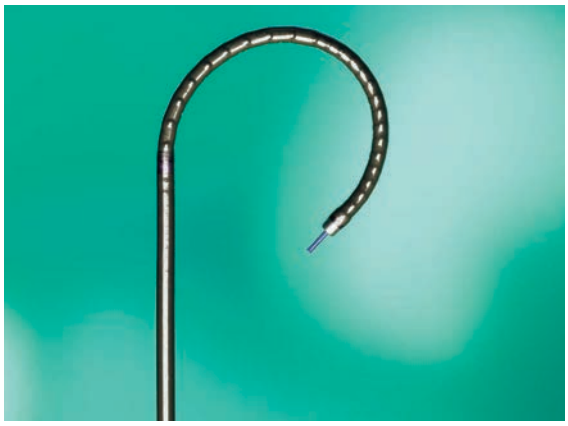
FLEX X2

Dependable LASER deflection

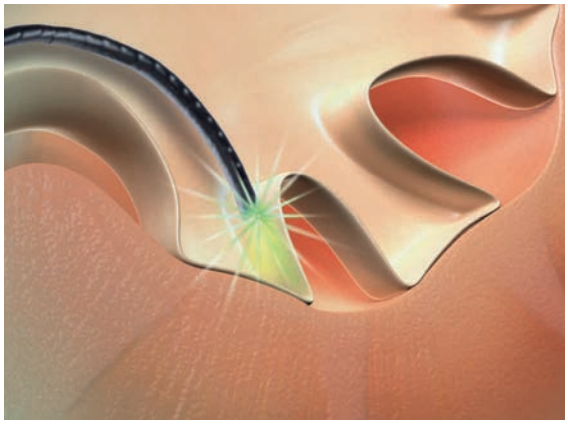
Reliability from the start.
The unique construction of the bending section allows the use of:

- 230 µm laser fibers with full 270° deflection
- 365 µm laser fibers with 250° deflection



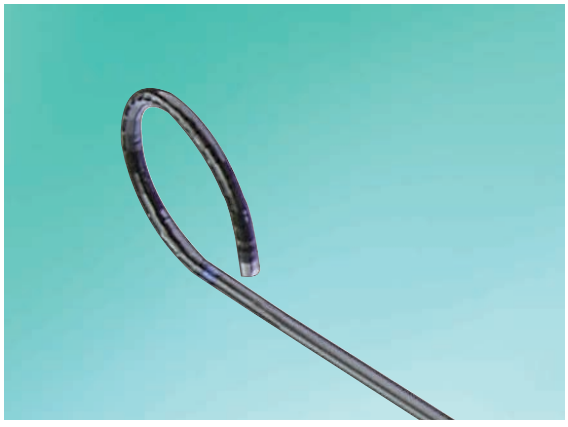
Intuitive control

The advanced proprietary vertebra design provides anatomy-conforming deflection regardless of anatomical anomalies thanks to the single-lever deflection control.



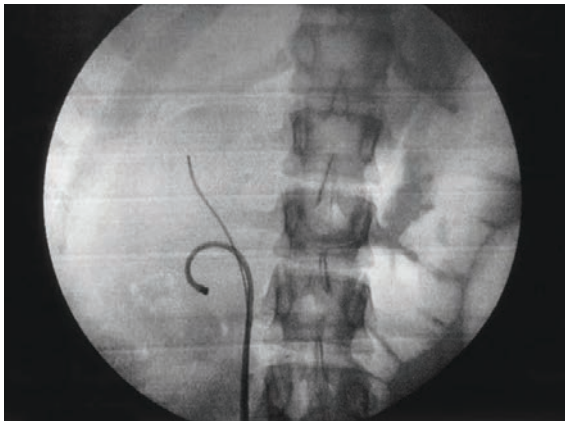
Shock-resistant deflection system

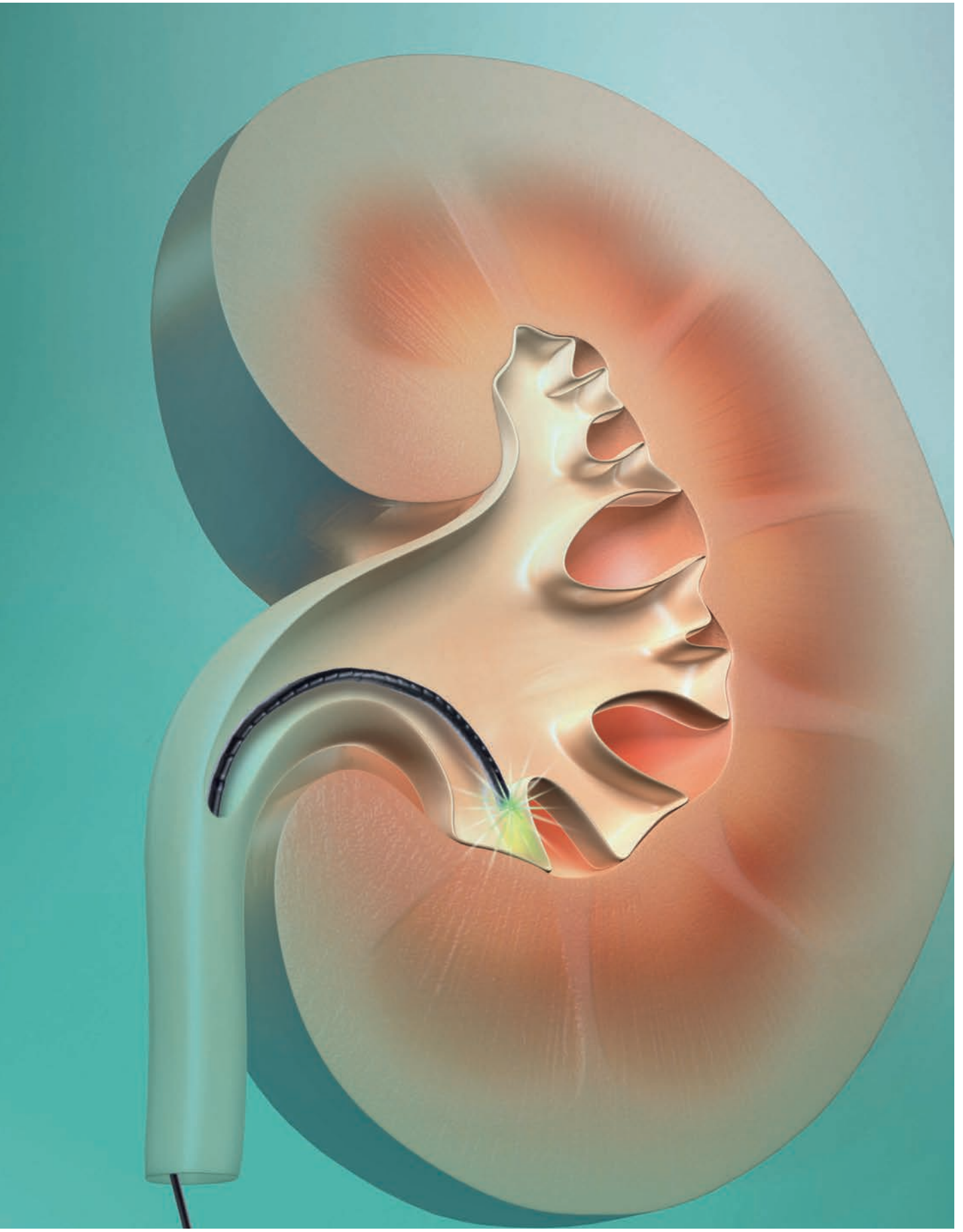
The innovative shock absorber system provides optimum movement of the entire deflection system, protects the instrument and provides easier access to the lower renal calyces.



Easier insertion and positioning

With a torsion-resistant flexible sheath and a 7.5 Fr. distal tip, the KARL STORZ FLEX-X^2 provides access to the most difficult ureter with minimal trauma.





KARL STORZ Flexible Uretero-Renoscope FLEX-X²

for access to the entire intrarenal collecting system

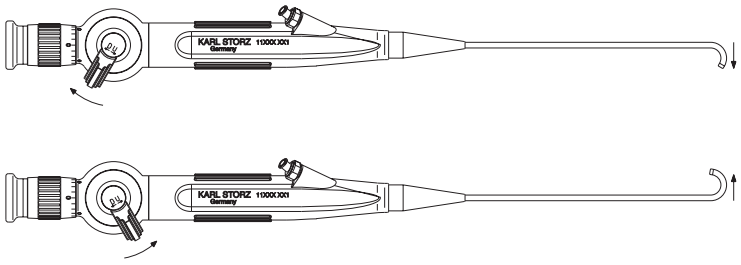
Intuitive Deflection Mechanism

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

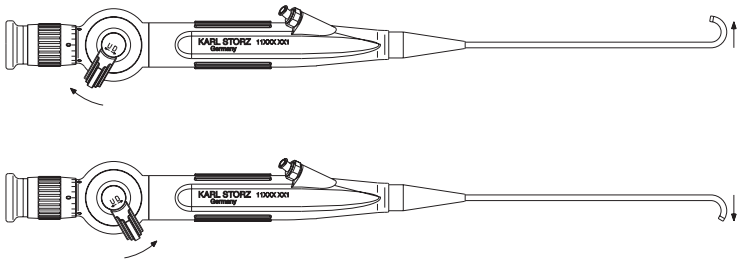
KARL STORZ answers this challenge by offering a choice of deflection mechanisms: either positive or contrapositive. With positive deflection, a downward movement of the lever mechanism causes an upward movement of the endoscope tip, and vice versa. Reverse this orientation by choosing the contrapositive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

Choose your preferred deflection mechanism



Positive deflection mechanism



Contrapositive deflection mechanism

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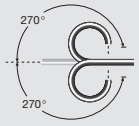
KARL STORZ Flexible Uretero-Renoscope FLEX-X²

for access to the entire intrarenal collecting system

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

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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

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

Optional accessories

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 VB **Stone Basket,** sterile, for single use,
2.5 Fr., length 120 cm

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**

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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.

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

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