

PRODUCTS

Transforming PRECISION into PERFECTION

Perfect products are our claim!
We use technologies adapted to Nitinol
enabling us to meet complex requirements
in manufacturing precisely and permanently
safe – our quality promise to you!



ENDOSMART[®]
Nitinol in its best shape.

RETRIEVAL DEVICES

Nitinol retrieval baskets are used during an endoscopic procedure to grip, guide and remove stones. They are mainly used in urology but can also be made for the application in otorhinolaryngology and ophthalmology.

In urology, we offer different types of Nitinol retrieval baskets for endourological stone therapy. While baskets with tip are used in the ureter with rigid or semi-rigid endoscopes, baskets without a tip are used in the flexible ureterorenoscope for the extraction of kidney stones directly in the kidney. Baskets with an open-ended structure facilitate the user's work whenever stones are difficult to grasp. Various user-friendly French/Charrière sizes (FR/CH) are available.

The retrieval baskets are individually packed (sterile) or packed in larger bundles (non-sterile), depending on the customer's requirements. Our sterile retrieval baskets are CE-certified for urology applications.

Many years of experience and competence in developing and producing these systems have enabled ENDOSMART® to place several patents for these product lines.



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www.endosmart.de

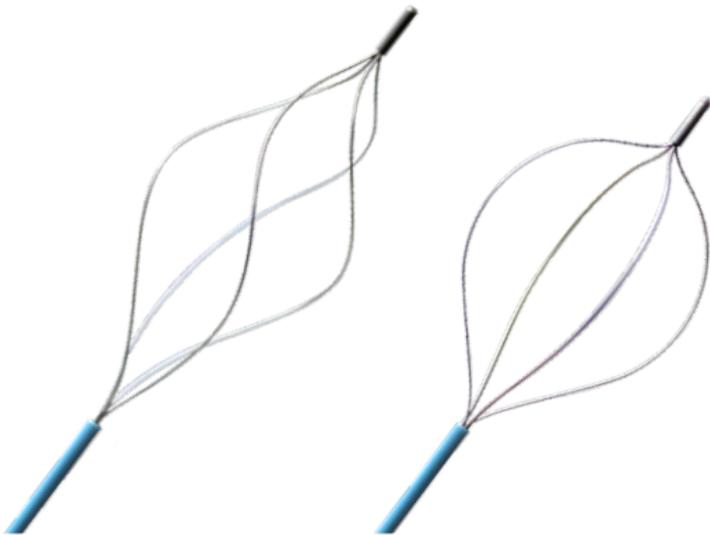
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certified quality system
ISO 13485

RETRIEVAL DEVICE FAMILY



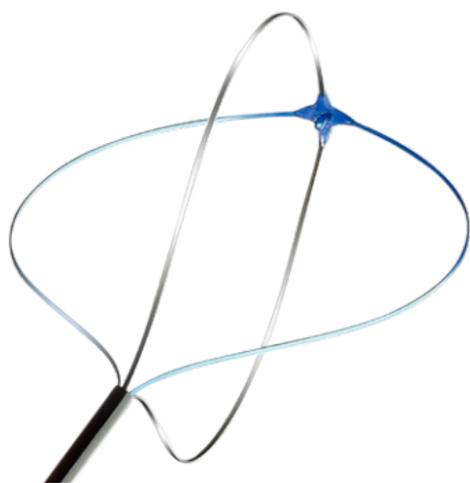
NITINOL RETRIEVAL BASKET

ENDOUROLOGY

- with tip, helical and straight
- innovative guide-wire technology for optimal tensile strength
- excellent movement and rotation capabilities of the basket facilitate easy stone capture
- for use in the ureter for easily passing the stone

Size	Length	Helical Straight
		Diameter
2.5 Fr	90 120 cm	11,5 13,5 mm
3 Fr	90 120 cm	16,0 16,0 mm

Retrieval devices which are designed for grasping, maneuvering and extracting stones and foreign bodies.



BLUE EDITION™

ENDOUROLOGY

- tipless, straight, ball shape
- innovative guide-wire technology with a flat-wire design prevents the basket from bending sideways and eases the release of a grasped stone
- kink resistance without influencing the flexible distal section
- improved 3D basket visibility due to the blue shining distal joining
- strong radial force and full deflection up to 270°
- small French size enables optimal flow

Size	Length	Diameter
1.3 Fr	120 cm	12 mm
1.9 Fr	120 cm	12 mm



GOLD EDITION

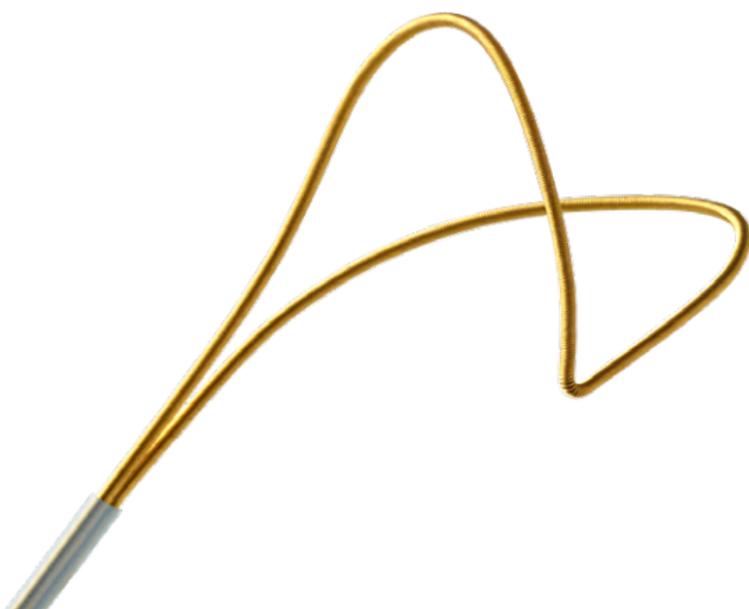
ENDOUROLOGY

- open end, 3 arm design
- innovative guide-wire technology
- reinforced gold shining tubings and unique patented safety mechanism increase the durability of the device
- gold shining tubings enable better visibility
- shaft with necessary stiffness and kink resistance
- combines the benefits of the Blue Edition™ basket and a grasper

Size	Lenght	Diameter
1.9 Fr	120 cm	10 mm

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SNARE

VASCULAR SURGERY

- For repositioning and retrieval of foreign objects from cavities and vessels of the peripheral vascular system
- gold coating for better visualization under X-rays
- pre-shaped tip for easy navigation
- X-ray marker at the distal end of the shaft
- Nitinol wire for 1:1 control of the loop

Further sizes for all variants are available upon request.

Size	Length	Diameter
3 Fr	175 cm	2 4 7 mm
4 Fr	125 cm	5 10 15 20 mm
5 Fr	65 125 150 cm	25 30 35 mm