



GOLDKNIFE

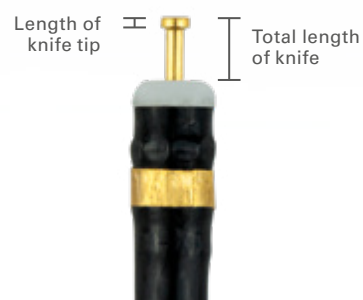
ELECTROSURGICAL PRECISION WITHOUT CHANGING INSTRUMENTS

The GOLDKNIFE from MICRO-TECH allows for effective and reliable endoscopic submucosal dissections. Thanks to the combination of water-jet and electro-surgery, all working steps - marking (with the exception of the IT type), injection, dissection and coagulation – can be performed without switching instruments. The high-pressure water jet combined with electrosurgery creates a submucosal

pillow of water that allows replenishment at any time to protect against thermal and mechanical injuries. The handle facilitates a smooth and seamless extension of the knife. The balanced rigidity of the tube also enables precise knife guidance. Choose from four different knife tips with different cutting and coagulation properties.

SPECIFIC CHARACTERISTICS

- Water jet combined with electrosurgery
- Independent marking (with the exception of the IT type), injection, dissection and coagulation without switching instruments
- Replenishing the water pillow (optional) while dissecting and resecting
- 4 different knife types





Type I: Great freedom of movement, versatile, higher level of difficulty



Type T: Ideal for removing under tension. Better coagulation options and optimized cutting direction while dissecting



Type O: Crescent-shaped tip maximizes coagulation effect



Type IT: The 1.6 mm insulated ceramic tip minimizes the risk of perforation and thus enables safe dissection



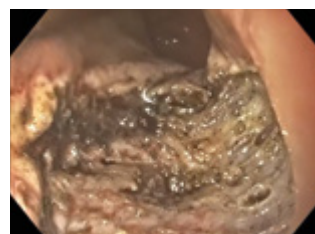
Marking



Injection water cushion



Dissection



Findings after removal

SPECIFICATIONS

REF	Shape of the knife tip	Total length of knife / Length of knife tip mm	Working length mm	Working channel Ø mm
GOLDKNIFE-I-TYP				
MK-I-1-165	I	1.5	1650	2.8
MK-I-1-235	I	1.5	2350	2.8
MK-I-2-165	I	2	1650	2.8
MK-I-2-235	I	2	2350	2.8
MK-I-4-165	I	4	1650	2.8
MK-I-4-235	I	4	2350	2.8
GOLDKNIFE-O-TYP				
MK-O-1-165	O	1.5 / 0.35	1650	2.8
MK-O-1-235	O	1.5 / 0.35	2350	2.8
MK-O-2-165	O	2 / 0.35	1650	2.8
MK-O-2-235	O	2 / 0.35	2350	2.8
MK-O-4-165	O	4 / 0.35	1650	2.8
MK-O-4-235	O	4 / 0.35	2350	2.8
GOLDKNIFE-T-TYP				
MK-T-1-165	T	1.5 / 0.35	1650	2.8
MK-T-1-235	T	1.5 / 0.35	2350	2.8
MK-T-2-165	T	2 / 0.35	1650	2.8
MK-T-2-235	T	2 / 0.35	2350	2.8
MK-T-4-165	T	4 / 0.35	1650	2.8
MK-T-4-235	T	4 / 0.35	2350	2.8
GOLDKNIFE-IT-TYP				
MK-IT-4-235	IT	5.6	2350	2.8

Packaging unit: 1 piece



ENSURE

FORCEPS FOR SAFE COAGULATION

MICRO-TECH ENSURE Coagulation Forceps are designed to assist physicians in effectively coagulating bleeding sites during interventional endoscopic procedures. They allow the user to securely grasp vessels and cut or coagulate them using HF power connection. Bleeding vessels can be reliably staunched during and after endoscopic submucosal dissection, without harming the surrounding tissue. This is ensured by the

well-grooved jaws of the forceps. They ensure a secure grip and prevent slippage during coagulation. Thanks to the maximum opening width of up to 6.3 mm, even large lesions can be coagulated. Precise and comfortable operation is ensured by the ergonomic handle, which enables reliable rotation of the forceps. In addition, the bidirectional HF power connection ensures more comfortable handling during the procedure.

SPECIFIC CHARACTERISTICS

- For effective hemostasis during ESD and EMR
- Secure, non-slip hold
- Reliable rotation
- 360° bidirectional rotation of the HF power connection
- Opening width 6.3



Ergonomic 3-ring handle with soft grip and 360° HF power connection

SPECIFICATIONS

REF	Opening width mm	Length mm	Branch	Exterior diameter of distal tips mm	Working channel Ø mm
TYPE B					
CF165-B	6.3	1650	grooved	≤ 2.7	≥ 2.8
CF230-B	6.3	2300	grooved	≤ 2.7	≥ 2.8

Packaging unit: 10 pieces