

FlushKnife **BT**



Product name	DK2618J			
Identifier	— B15 —	— B20 —	— B25 —	— B30 —
Knife length	1.5mm	2.0mm	2.5mm	3.0mm
Sheath color	Green	Blue	Yellow	Black
Working length	1800mm			
Maximum diameter of insertion site	2.7mm			
forceps channel	φ2.8mm or above			
Number of knife	1			

This chart does not guarantee that all devices having the working length and forceps channel described above are compatible with FlushKnifeBT.

FlushKnife



Product name	DK2618J				
Identifier	— N10 —	— N15 —	— N20 —	— N25 —	— N30 —
Knife length	1.0mm	1.5mm	2.0mm	2.5mm	3.0mm
Sheath color	White	Green	Blue	Yellow	Black
Working length	1800mm				
Maximum diameter of insertion site	2.7mm				
forceps channel	φ2.8mm or above				
Number of knife	1				

This chart does not guarantee that all devices having the working length and forceps channel described above are compatible with FlushKnife.

FlushKnife series

For all ESD practitioners seeking enhanced usability and safety

● Operation Procedure / Notes

- 1 Check that the high-frequency knife is not broken or significantly bent.
- 2 Inspect that the tip of the knife can be inserted into the tube when the slider of the knife is fully pulled out.
- 3 Apply the P plate firmly onto the patient's skin.
- 4 Connect the A code to the A code connector of the slider.
- 5 While placing the tip of the high-frequency knife into the end of tube, insert the knife through the forceps channel of the endoscope.
- 6 When the knife appears from the end of the endoscope, stop inserting it.
- 7 Push the slider into the end of the endoscope to project the tip of the knife from the end of the tube.
- 8 If necessary, attach a syringe filled with sterilized water into the water jet cap of the high-frequency knife and inject the sterilized water from the knife.
- 9 Set the output power, manipulate the knife while energizing, and then incise the target tissue.
- 10 While placing the tip of the high-frequency knife into the end of tube, slowly pull out the knife from the endoscope.
- 11 Dispose of the used knife under the local law and regulations.

The exterior appearance and specifications may change without prior notice when improvement is necessary. For use of these products, read the operation manual provided with the product.

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FlushKnife BT



FlushKnife

- Marking
- Incision
- Dissection
- Arrest of bleeding
- Water jet system
- Safety design

Aimed at achieving enhanced usability ideal for all physicians from ESD trainees to skilled practitioners

Diathermic Slitter “FlushKnife series”

ESD has been drawing attention as a less invasive treatment for patients.

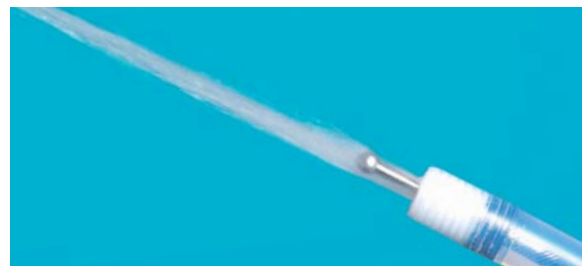
To widen the range of applications, the FlushKnife series has pursued enhanced usability.

In addition to increased treatment capability derived from the needs in clinical settings, the FlushKnife series ensures greater safety with its tip design.

With the comfortable usability offered, the FlushKnife series knives are suitable for versatile treatments.

Aimed at achieving perfect usability. Disposable high-frequency knife “FlushKnife series”

POINT 1 Water Jet System — Maintaining the sharpness of the knife



The water jet system keeps the tip of the knife clean by washing off debris and lesion tissue adhering to the tip, thereby maintaining the sharpness of the knife throughout the treatment. The water jet system washes off lesions without withdrawing the knife from the scope, maintaining the operation efficiency during the treatment.

POINT 2 One knife covers from marking to arrest of bleeding, achieving high versatility.

One knife carries out procedures including marking, incision, dissection and arrest of bleeding, and no replacement is necessary. The high versatility improves operation and cost efficiencies.

1 Marking

Makes clear marking around the lesion.

2 Water jet

Washes off lesion tissue adhering to the tip as needed.

3 Mucosal incision

Able to incise the target tissue smoothly from side to side and up to down.

4 Submucosal dissection

Safer treatment is realized by selecting the protruding length best suited for each treatment area.

5 Arrest of bleeding

Able to arrest small amounts of bleeding during dissection without replacing the knife.

The clinical image here shows the lesser curvature of gastric antrum.

FlushKnife BT

FlushKnife

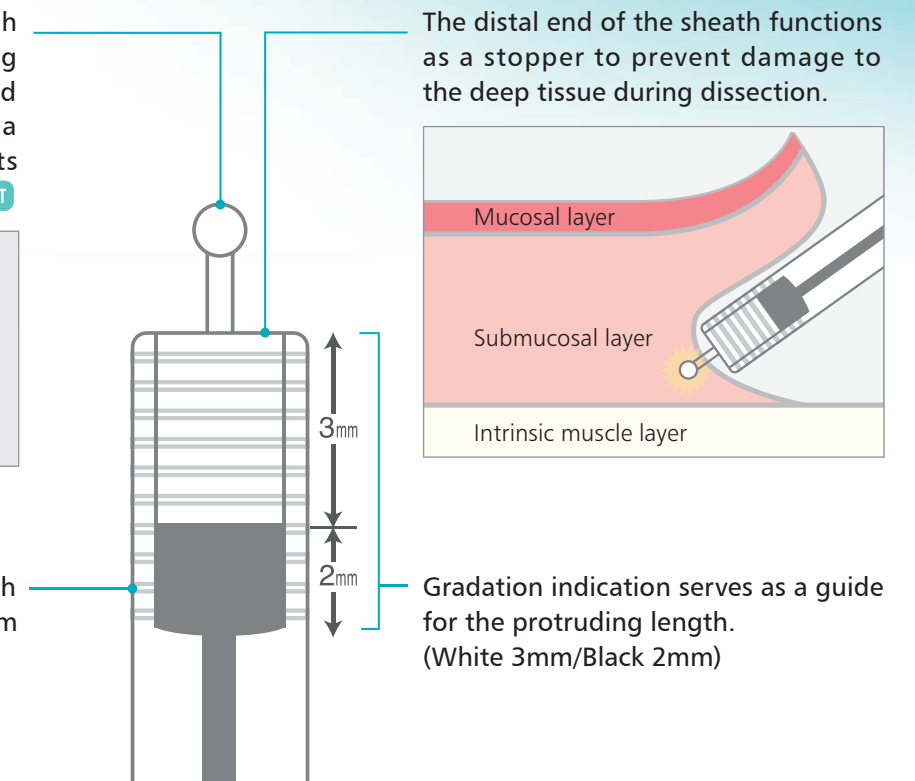
POINT 3 The tip is designed to enhance safety and treatment capability.

FlushKnifeBT has a ball tip, which produces good traction, enabling the target tissue to be dissected smoothly. The ball tip touches a wider part of the tissue and arrests bleeding more efficiently. **FlushKnife BT**



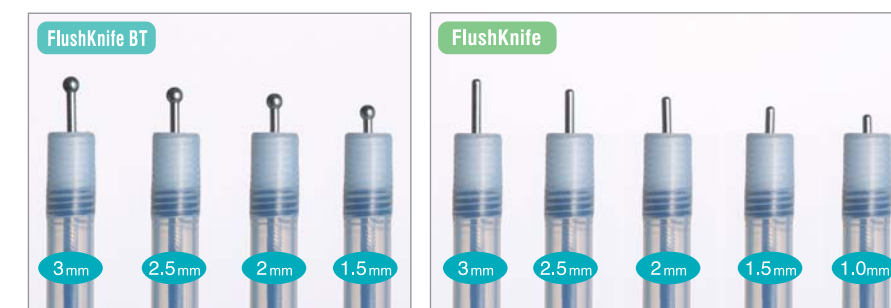
Evolved tip design of FlushKnifeBT

Ceramic tip used for the sheath prevents the center of the tip from moving during operation.



POINT 4 Full lineup of protruding knife lengths

Safer and more efficient treatment is achieved by using the protruding knife length best suited for each treatment area.



FlushKnifeBT has a ball tip which produces good traction during dissection. The ball tip touches a wider part of the tissue, enabling more efficient arrest of bleeding.

FlushKnife has a slim electrode portion tip with high voltage concentration, which realizes stronger dissection capability.

Examples of the suitable protruding lengths					
	1.0mm	1.5mm	2.0mm	2.5mm	3.0mm
Esophagus	○	◎	◎	△	△
Stomach	○	◎	◎	◎	○
Colon	○	◎	◎	△	△

Examples of the suitable protruding lengths are suggested by Takashi Toyonaga M.D. of Kobe University Hospital. A physician must take consideration each condition of the area or lesion to be dissected when selecting a protruding knife length.

The 1.0mm type protruding knife is not available for FlushKnifeBT.