English

FUJIFILM

Endoscopic Accessory FT series
Single Use

# Diathermic Slitter

## DK2618J
## DK2623J

# OPERATION MANUAL

Thank you for purchasing our product. Read this manual carefully before use to avoid unexpected accidents, and take full advantage of the product's capabilities.

CE 0123

# Important Safety Information

**For the USA Market - CAUTION:**
Federal law restricts this device to sale by or on the order of a physician.

## 1. Intended Use

This product is intended for use under the management of physicians in carrying out the following endoscopic treatments performed in combination with an endoscope conforming to the standards described in "Combination of Equipment." The intention for use differs depending on the shape of the slitter in use.

Needle type : Ablation, incision, dissection and avulsion of tissue
Ball tip type : Ablation, incision, dissection, cauterization, coagulation and avulsion of tissue, and also arrest of bleeding

## 2. Safety

Read and understand this manual carefully before use. Use the product by following the provided instructions. Items important for the safe use of the product are summarized in Chapter 1 "Safety."
Safety precautions associated with individual operations or procedures are provided separately, indicated "⚠WARNING" or "⚠CAUTION."

## 3. Warning

Matters that must be followed with special care in using the product are indicated "⚠WARNING" or "⚠CAUTION." Perform procedures correctly by reading and understanding the warning information carefully.

**⚠WARNING**

Read and understand this manual carefully before operating the product.

Improper use or operation of the product may injure patients, physicians, or people in the vicinity.

## 4. Indication Symbol


This symbol, developed by Eucomed [Note], indicates that this specific type of medical device contains dibutyl phthalate (DBP). Its amount is so minuscule that it has little effect on patients' health.

[Note] The URL of Eucomed is as follows; http://www.eucomed.be/

## 5. About Clinical Procedures

This manual assumes that the product will be used by medical specialists who have received proper training in endoscopic procedures. It does not provide information about clinical procedures. Regarding clinical procedures, use proper clinical judgment.

## 6. Operation

This product is a precision device. If you have any trouble during the operation, please operate it carefully and slowly.

## 7. Handling of This Product

If the inspection result shows any abnormality, do not use the same product.

## 8. Disposal

When disposing of this product, comply with local laws and regulations in your area. Determine whether or not the product is to be treated as infective waste, depending on the usage state.

# Contents

# Preface

This manual describes how to use Diathermic Slitter.
This product is used in combination with the endoscope and high-frequency power supply specified in “Combination of equipment.”
For how to use the endoscope and high-frequency power supply used in combination with this product, refer to the respective operation manuals.

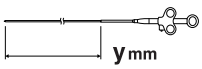
# Conventions Used in This Manual

This manual uses the following conventions for easier understanding.

■ General Conventions

| Convention | Description |
|---|---|
| ⚠ | Indicates a potential danger that may cause harm to people. |
| ⚠WARNING | Explains dangerous situations that may cause death or serious injury if not avoided. |
| ⚠CAUTION | Explains situations that may cause injury if not avoided. |
| CAUTION | Explains situations that may cause damage to equipment if not avoided. |
| (1), (2), (3), ... | Indicates consecutive numbers in operating procedures for the order in which successive steps in the procedure should be taken. |
| [Note] | Indicates a comment or supplementary information. |
| → | Indicates a reference. |

■ Symbols on the Sterilization Pack and Packaging Box

| Symbol | Description |
|---|---|
| | Do not re-use / Single patient use only |
| | Use by date / Expiration date of use |
| LOT | Lot number [Note 1] |
| | Date of manufacture |
| STERILE EO | Sterilized using ethylene oxide |
| | Manufacturer |
| EC REP | Authorised representative in the European Community |
| | Temperature limitation |
| | Consult instructions for use |
| | Keep dry |
| CE 0123 | CE marking |
| | Type BF applied part |
| | WEEE marking [Note 2] |
| | Do not use if package is damaged |
| PHT DBP | Phthalates marking |
| | Humidity limitation |
| | Atmospheric pressure limitation |
| 1 pc. | Quantity |
|   | Length of slitter portion and maximum diameter of insertion portion |
|   | Forceps channel diameter of compatible endoscope |
|   | Working length of diathermic slitter |
| | Application site: Upper and lower digestive tract |

[Note 1] There are two kinds of lot numbers: sterilization number and manufacture number.

[Note 2] This product shall not be treated as household waste.

# Chapter 1 Safety

## 1. Precautions in Using This Product

### 1) Preparation and inspection before use

Prior to using this product, prepare a spare one to avoid unexpected accidents such as equipment failure. If a replacement is not available, you may not be able to continue endoscopic procedures.

Make sure to inspect the product before use according to the procedures provided in this manual, to avoid unexpected accidents, and take full advantage of the product's capabilities. If the inspection result shows any abnormality, do not use the same product.

### 2) Combination of equipment

Use this product only with the endoscope which meets the specifications in Appendix and complies with EN 60601-2-18 and the high-frequency power supply which complies with EN 60601-2-2.

## 2. Handling of This Product

This product is sterilized with ethylene oxide gas in advance. Do not use the product if its sterilization pack is open or torn.
Use this product by the expiry date.

## 3. Do Not Reuse

This product is intended for single use. To prevent infection, do not reuse this product.

## 4. Loss of Function

### 1) This product

If the product becomes dull during use or does not cut due to breaking of a wire, poor contact, etc., stop use, slowly pull the product out of the endoscope, and replace it with a spare.

2) Medical equipment used in combination with this product

If a malfunction or defect occurs in any of the devices using in combination with the endoscope, stop the endoscopic procedure and take appropriate countermeasures according to the operation manual of the faulty device.

## 5. Prohibition of Disassembly and Modification

Do not disassemble or modify this product.

## 6. Electromagnetic Interference

As this product is used in combination with the high-frequency power supply, it may cause harmful electromagnetic interference to other devices in the vicinity. Make sure before using this product that the devices are not interfered.

## 7. "⚠WARNING" and "⚠CAUTION" Messages Appearing in Individual Chapters

Chapter 3 Method of Use

Do not use this product on patients with pacemakers. Always keep pacemaker users away from high-frequency power supply. The pacemaker may malfunction by the high-frequency power supply.

3.1.3 Connecting High-frequency Power Supply

Connect surgical instruments correctly in accordance with the operation manual. Wrong connection may cause electric shock accident and burns.

3.1.4 Setting Conditions of Surgery

Operate the high-frequency power supply within specified output range. Leakage current may cause burns.

3.2 Use

Remove flammable liquids, and displace flammable gas in the body cavity with nonflammable gas (such as $CO_2$) before using the high-frequency power supply. Do not use the equipment in atmosphere of flammable gas. There is a risk of explosion or ignition.

Do not stick out the slitter from the distal end of the tube rapidly. Do not operate the endoscope drastically while the distal end of tube and slitter are out. After checking that no tissue is adhering to the tip of the slitter, slowly return the tip inside the tube. The distal portion of the slitter may cause perforation or damage tissue.

Set the output of the high-frequency power supply to the minimum within the required range, according to the intended use. Do not energize longer than necessary. If satisfactory results are not obtained, check the connections of the cords, attachment of the P-plate and settings of the high-frequency power supply, without increasing the output of the power supply. Setting the output higher than necessary may cause perforation or burns.

Set the output of the high-frequency power supply to the minimum necessary, and energize when the electrode is in contact with tissue. Otherwise, spark discharge may occur, causing neuromuscular stimulation to the patient.

The physicians and assistants must wear personal protective equipment. Pull the product slowly out of the endoscope. There is a risk of infection.

Do not supply an excessive amount of air or gas during electrosurgery. It could cause an embolism.

Prevent patient's body from touching electric conductor such as metal part of bed. The physicians and assistants must wear insulated waterproof gloves. Do not use the product together with instruments whose insertion portion is not insulated. Do not pass a current when the product touches the skin of the patient or the clothes of the patient are wet. Aspirate mucus attached to the tissue of body cavities before passing a current. Leakage current may cause burns.

When using this product in combination with physiological monitoring equipment, keep the monitoring electrodes as far as possible from the surgical site. Do not use needle monitoring electrodes. There is a risk of burns to the patient.

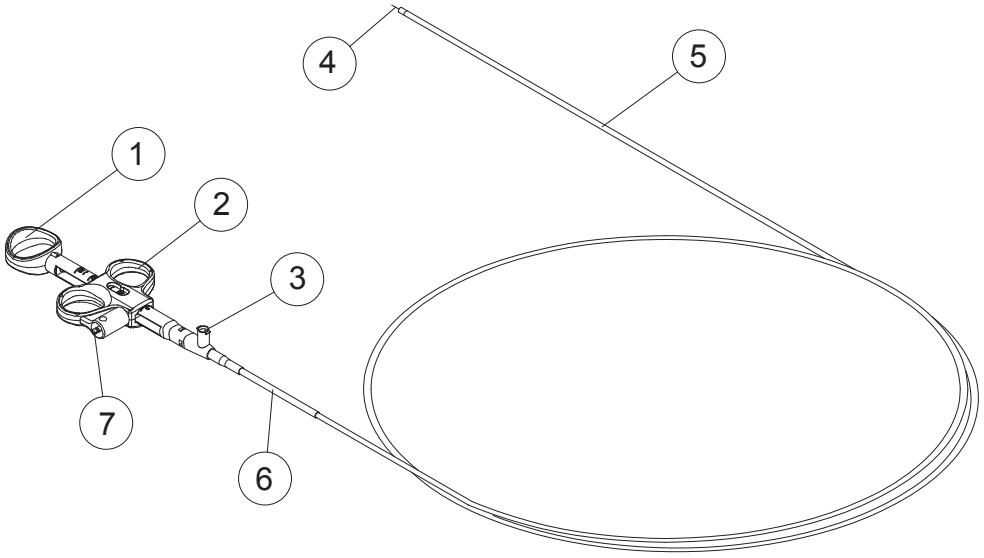
Do not energize when the metal part of this product is in contact with the physician or assistant. Do not energize when the handle of this product is wet. There is a risk of burns to the physician or assistant.

When using this product in combination with the endoscope, connect the endoscope correctly according to its operation manual. Note also that the combined use of these products may increase patient leakage current from the endoscope.

Chapter 4 Storage

Store the sterilization packs containing slitters in individual packaging boxes. If a sterilization pack is torn, the aseptic condition may not be maintained.

# Chapter 2 Names and Functions of Parts




① Handle

Insert your fingers into the handle and slider to hold the product.

② Slider

Sliding this portion allows the slitter portion to be extended and retracted from the distal end of the tube.

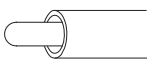
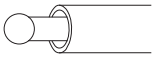
③ Water supply channel

A syringe is attached to this portion to supply water to the distal end of the slitter portion.

④ Slitter portion (applied part)

The tip is used for ablation, incision, dissection, cauterization, arrest bleeding, coagulation and avulsion. The intention for use differs depending on the shape of the slitter in use. This portion can be stored inside the tube.

[Note] The shape of the slitter portion is identifiable by the identifier on the sheath or the individual packaging box. If the identifier starts with “N”, the shape is needle type. If the identifier starts with “B”, the shape is ball tip type.

|  |  |
|---|---|
| - N - Needle type | - B - Ball tip type |

➞ “Specification”

⑤ Tube (applied part)

This portion is inserted into body cavities. This is a tube made of resin that insulates high-frequency current.

⑥ Sheath

The color of the sheath can differentiate the length of the slitter.

➞ “Specification”

⑦ A-cord connector

The A-cord is connected to this portion.

# Chapter 3 Method of Use

**⚠WARNING**

Do not use this product on patients with pacemakers. Always keep pacemaker users away from high-frequency power supply.
The pacemaker may malfunction by the high-frequency power supply.

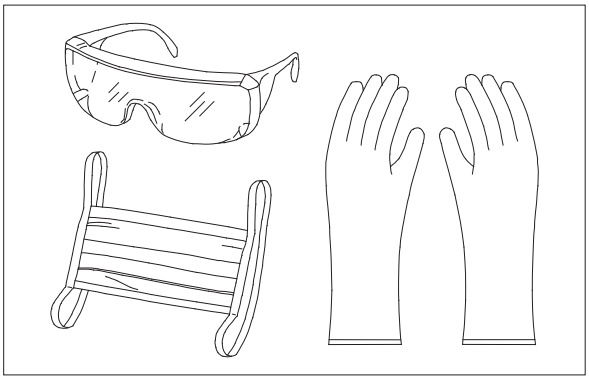
## 3.1 Preparation and Inspection

### 3.1.1 Preparation

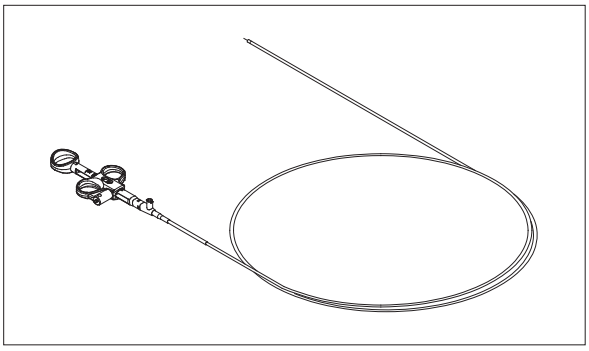
(1) Check that the forceps channel diameter and working length of the endoscope in use meets the sizes specified in the specifications.

➞ "Specification"

(2) Prepare goggles, a facemask, personal protective equipment and insulated waterproof gloves.



(3) Prepare spare Diathermic Slitter and A-cord in case of breakdown.

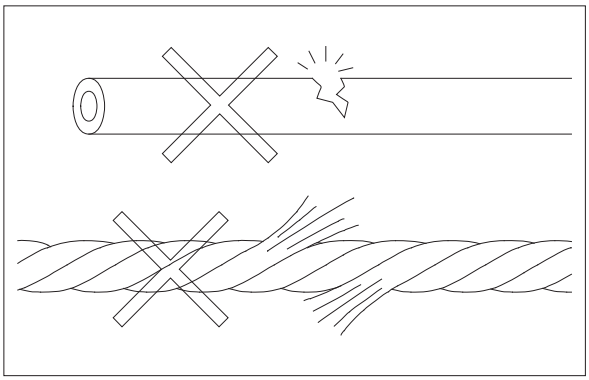


3.1.2 Inspection

**CAUTION**

Do not bend this product to a curvature radius of 10 mm or less.
The insertion portion may be bent or damaged.

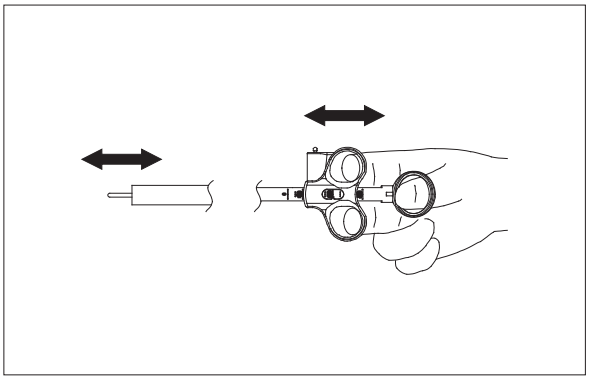
(1) Before using this product, make sure that the following abnormalities are not found.



- Sharp edges or protrusions that might injure patient.
- A wire is tangled, cut or rusty.
- The insertion portion is cracked, broken, considerably bent, damaged or dented. Foreign substance or dirt is adhered to it, or some parts have fallen out of place.
- A-cord is broken.

If any abnormality is found, do not use the slitter.

(2) Wind the tube into two circles of approximately 200mm. Operate the slider to make sure that no abnormality is found in the operations from projecting the tip of the slitter to returning the tip inside the tube.
Inspect that the tip of the slitter can be stored inside the tube when the slider is pulled out to the limit.



If the inspection result shows any abnormality, do not use the same product.

### 3.1.3 Connecting High-frequency Power Supply

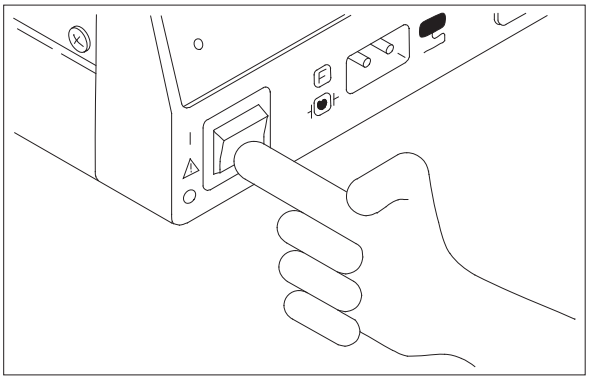
**⚠WARNING**

Connect surgical instruments correctly in accordance with the operation manual.
Wrong connection may cause electric shock accident and burns.

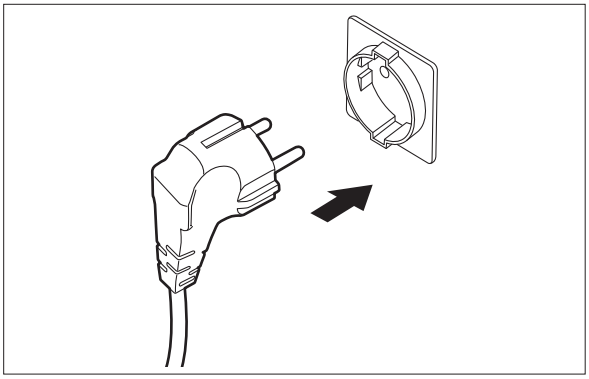
**CAUTION**

Keep the P-cord and A-cord away from the patient and/or other cords/ electrodes.
Otherwise, this product may malfunction or adversely affect other devices.

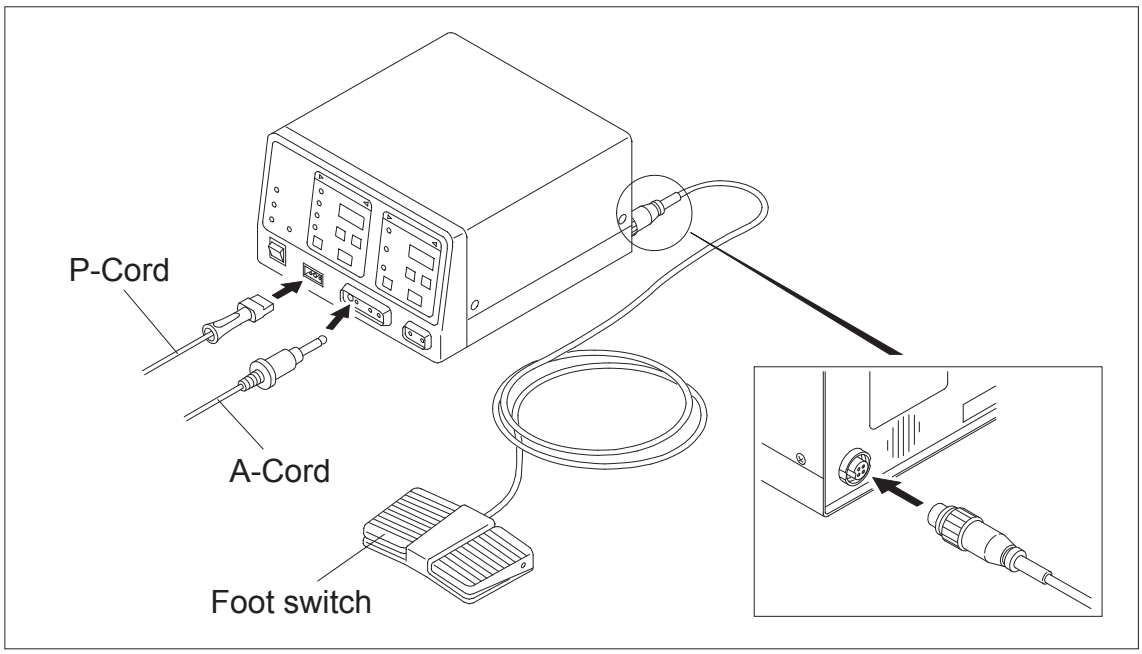
(1) Switch off high-frequency power supply.



(2) Insert power plug of high-frequency power supply into receptacle.



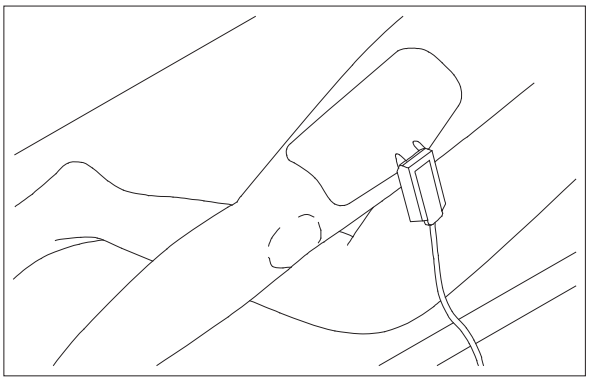
(3) Connect the A-cord, P-cord and foot switch to the high-frequency power supply.



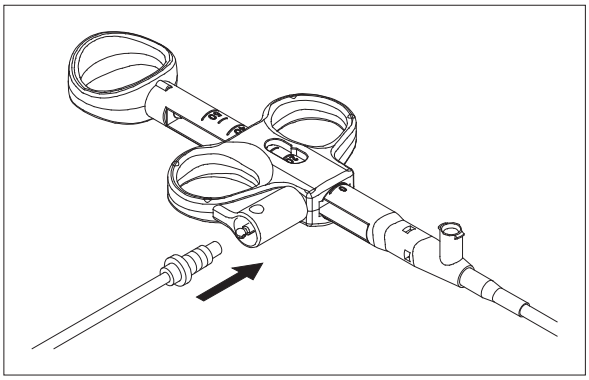

(4) Firmly attach P-plate to the skin of the patient.

[Note]

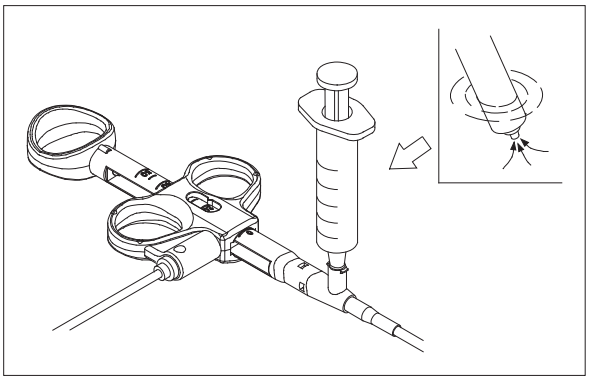
For how to use the P-plate, refer to the operation manuals of the P-plate and high-frequency power supply.



(5) Connect A-cord to A-cord connector on slider.



(6) Connect a syringe filled with sterile water to the water supply channel.



[Note]

If the syringe is not connected firmly, the water may leak out.

Connect it to the channel firmly.

### 3.1.4 Setting Conditions of Surgery

**⚠CAUTION**

Operate the high-frequency power supply within specified output range.
Leakage current may cause burns.

Set the output of the high-frequency power supply before surgery.
Use the following settings.

Output : 175 W or less
Frequency : 500 kHz or less
Voltage : 1.5 kVp-p or less

## 3.2 Use

### ⚠WARNING

Remove flammable liquids, and displace flammable gas in the body cavity with nonflammable gas (such as $CO_2$) before using the high-frequency power supply. Do not use the equipment in atmosphere of flammable gas.
There is a risk of explosion or ignition.

Do not stick out the slitter from the distal end of the tube rapidly. Do not operate the endoscope drastically while the distal end of tube and slitter are out. After checking that no tissue is adhering to the tip of the slitter, slowly return the tip inside the tube.
The distal portion of the slitter may cause perforation or damage tissue.

Set the output of the high-frequency power supply to the minimum within the required range, according to the intended use. Do not energize longer than necessary. If satisfactory results are not obtained, check the connections of the cords, attachment of the P-plate and settings of the high-frequency power supply, without increasing the output of the power supply.
Setting the output higher than necessary may cause perforation or burns.

Set the output of the high-frequency power supply to the minimum necessary, and energize when the electrode is in contact with tissue.
Otherwise, spark discharge may occur, causing neuromuscular stimulation to the patient.

The physicians and assistants must wear personal protective equipment. Pull the product slowly out of the endoscope.
There is a risk of infection.

Do not supply an excessive amount of air or gas during electrosurgery.
It could cause an embolism.

[Note] Always observe the patient closely. If the patient has symptoms suggestive of an embolism, discontinue the endoscopic procedure immediately and give proper treatment to him/her.

## ⚠CAUTION

Prevent patient's body from touching electric conductor such as metal part of bed. The physicians and assistants must wear insulated waterproof gloves. Do not use the product together with instruments whose insertion portion is not insulated. Do not pass a current when the product touches the skin of the patient or the clothes of the patient are wet. Aspirate mucus attached to the tissue of body cavities before passing a current.
Leakage current may cause burns.

When using this product in combination with physiological monitoring equipment, keep the monitoring electrodes as far as possible from the surgical site. Do not use needle monitoring electrodes.
There is a risk of burns to the patient.

Do not energize when the metal part of this product is in contact with the physician or assistant. Do not energize when the handle of this product is wet.
There is a risk of burns to the physician or assistant.

When using this product in combination with the endoscope, connect the endoscope correctly according to its operation manual. Note also that the combined use of these products may increase patient leakage current from the endoscope.

## CAUTION

Do not push the product forcefully, when having in difficulty in insertion.
It may damage endoscope.

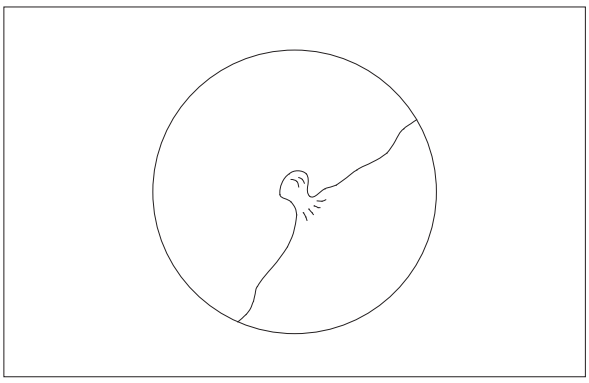
[Note] Sometimes the product becomes stuck in the bending portion and will not pass smoothly. In such case, unbend the bending portion a little and try to insert again.

## CAUTION

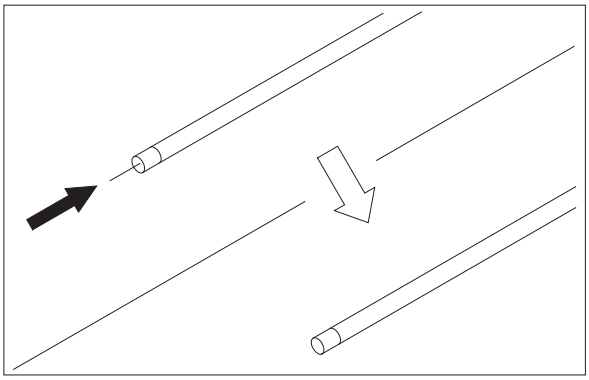
After the tip of the slitter returns inside the tube, pull it out from endoscope slowly.
If the slitter is pulled out carelessly, it may damage the endoscope.

[Note] If the tip of slitter does not return into the tube smoothly, straighten the bent portion of the endoscope before returning the tip and then, pull the slitter out. If the tip still does not return inside the tube, remove the A cord and return the tip till it reaches close to the hole of the forceps channel, and then slowly pull out the endoscope and slitter together.

(1) Bring polyp to be removed into field of view.



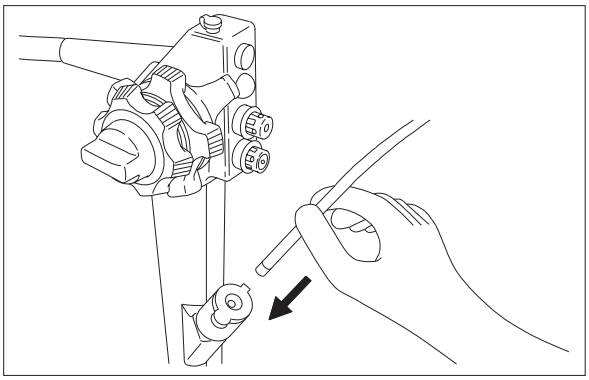
(2) Pull the slider to place the distal end of the slitter into the tube.



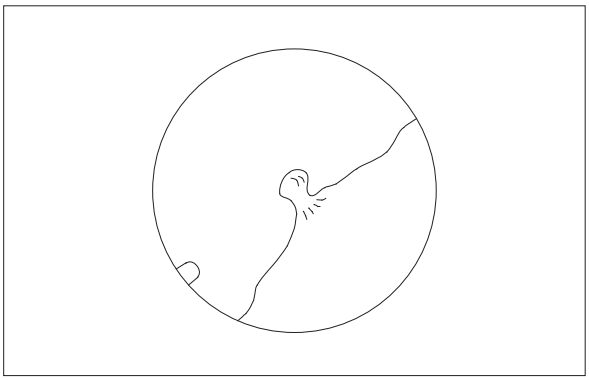
(3) While checking the endoscopic image, insert the product whose tip is inside the tube, into the forceps inlet.

[Note]

Do not angle this product to the forceps inlet or hold the part away from the forceps inlet when inserting into the endoscope. It may damage the endoscope.



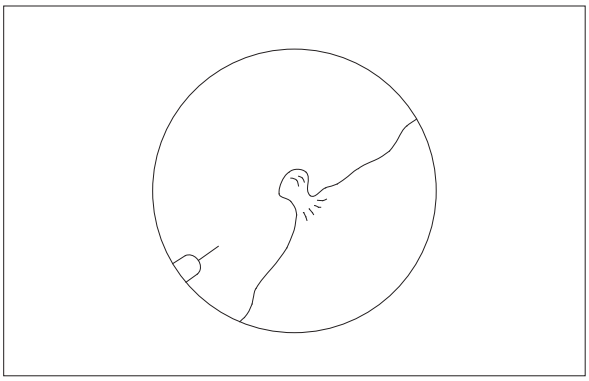
(4) When the distal end of the tube comes into view, stop insertion of the product once.



(5) Push the slider to the side of the distal portion of the endoscope and extend the distal end of the slitter from the distal end of the tube.

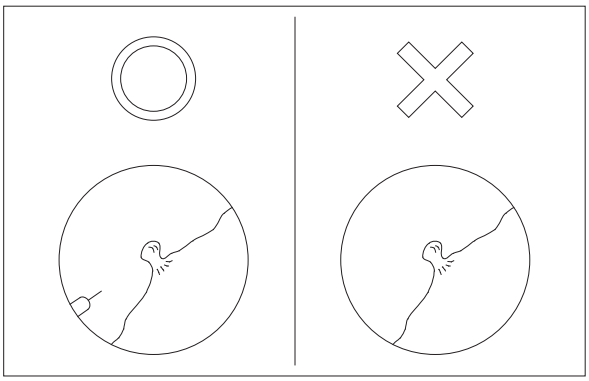
[Note]

Do not push the slider any further than necessary when the distal end of the tube is out of the endoscope. Otherwise, the distal ends of the tube and the slitter may protrude from the endoscope.

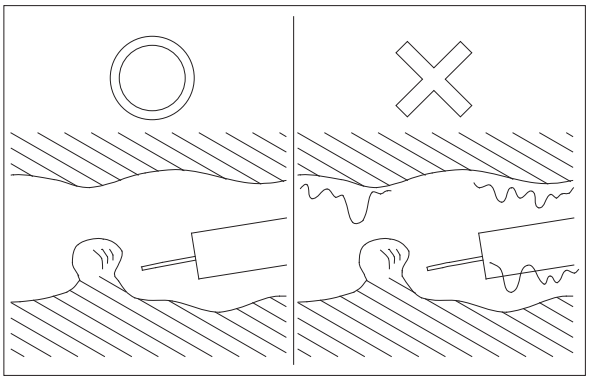


(6) Check the following points.

- Make sure that the tip of the slitter and tube are within the endoscope's field of view. (The metal part of the distal end of the endoscope does not contact to the metal part of the product.)

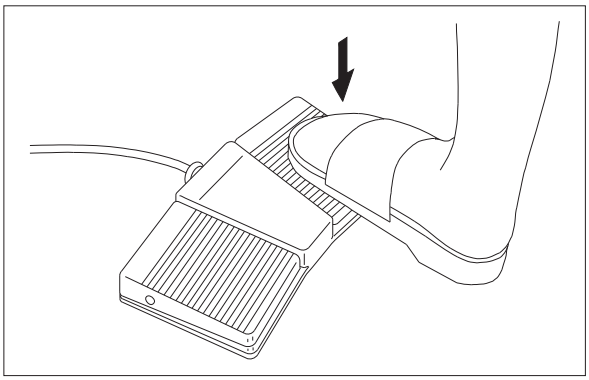


• No mucus around the metal part of the tips of the product and the distal end of the endoscope.

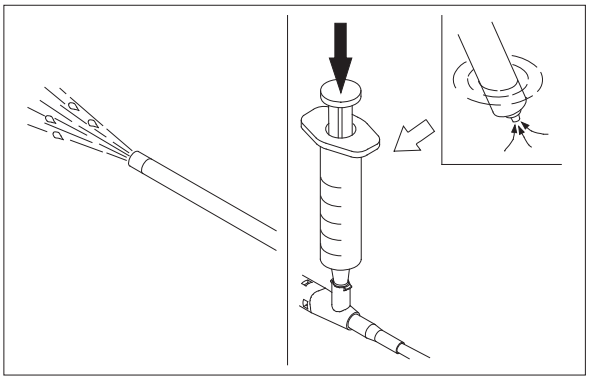


(7) Set the burn currency wave form and output.

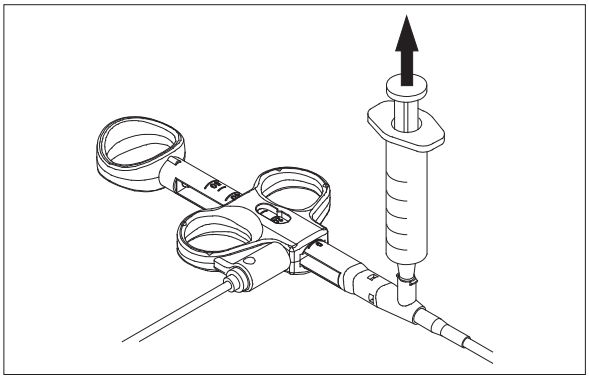
(8) Apply the tip of slitter to target.
Press the foot switch to be alive.
Power is supplied only while the foot switch is pressed.
Operate the slitter while energizing to perform treatments such as ablation, incision, dissection,cauterization, coagulation and avulsion of tissue and arrest of bleeding. (The intention for use differs depending on the shape of the slitter in use.)



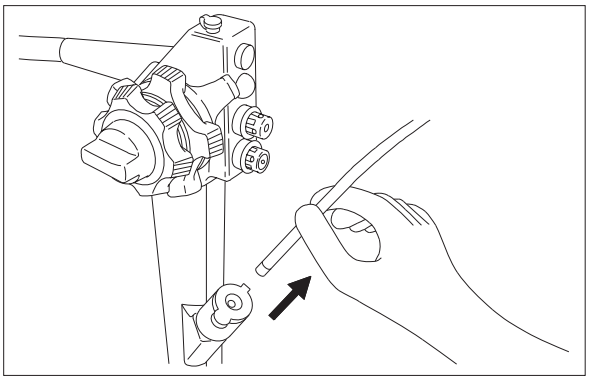
(9) If there is mucus, bleeding, etc. or tissue or a foreign body adheres to the distal end of the slitter portion, attach a syringe filled with sterile water to the water supply channel of the product, supply sterile water from the distal end of the slitter and remove it.



(10) After supplying water, pull the plunger of the syringe to aspirate excess water remaining at the distal end.



(11) After making sure that no tissue is adhered to the tip of the slitter, slowly pull it out from the endoscope with the tip of the slitter stored inside the tube.



[Note]

When returning the ball tip type slitter into the tube, if the endoscope is bent, you may feel that the tip is caught at the end of the tube. When pulling out the slitter, make sure that the slider has been pulled out to the limit.

(12) Dispose of the used slitter under the local low and regulations.

# Chapter 4 Storage

## ⚠WARNING

Store the sterilization packs containing slitters in individual packaging boxes.
If a sterilization pack is torn, the aseptic condition may not be maintained.

## CAUTION

Do not store this product in locations that do not satisfy the storage conditions.
Non-compliance may result in failure.

Store them under the following conditions.

Transport and Storage Conditions

| | | |
|---|---|---|
| Temperature | : | -10 to +45°C |
| Humidity | : | 30 to 95%RH (no dew condensation) |
| Pressure | : | 70 to 106 kPa (within range of atmospheric pressure) |
| State | : | Keep in individual packaging box. |

# Warranty and After-Sales Service

1) If this product does not work properly, check it first reading this manual.

2) If the inspection result shows any defects, do not use the product and consult your local dealer.

3) Warranty period

If your product does not work properly, which is caused by the manufacture's fault under the warranty period, we will exchange it with new one.
The warranty period is half year from the date of purchase.
Note that the warranty is void in the following cases:

a. Damage caused by fire or natural disaster such as storms or floods.
b. Troubles caused by careless handling or misuse of the product on the part of the user.
c. Troubles caused by modification.

# Specification

<Category of Medical Electric Equipment>

1. Degree of protection against electric shock : Type BF applied part
2. Degree of explosion protection : Use prohibited in oxygen-rich environment or flammable gas atmosphere

<Main Specifications>

| Model | Identifier | Shapes of the tips | Applied forceps channel diameter of endoscope | Applied working length of endoscope | Maximum diameter of insertion portion | Working length | Slitter portion length | Sheath color |
|---|---|---|---|---|---|---|---|---|
| DK2618J | -N10- | Needle type | 2.8mm or above | 1400mm or below | 2.7mm | 1800mm | 1mm | White |
| | -N15- | Needle type | 2.8mm or above | 1400mm or below | 2.7mm | 1800mm | 1.5mm | Green |
| | -N20- | Needle type | 2.8mm or above | 1400mm or below | 2.7mm | 1800mm | 2mm | Blue |
| | -N25- | Needle type | 2.8mm or above | 1400mm or below | 2.7mm | 1800mm | 2.5mm | Yellow |
| | -N30- | Needle type | 2.8mm or above | 1400mm or below | 2.7mm | 1800mm | 3mm | Black |
| | -B15- | Ball tip type | 2.8mm or above | 1400mm or below | 2.7mm | 1800mm | 1.5mm | Green |
| | -B20- | Ball tip type | 2.8mm or above | 1400mm or below | 2.7mm | 1800mm | 2mm | Blue |
| | -B25- | Ball tip type | 2.8mm or above | 1400mm or below | 2.7mm | 1800mm | 2.5mm | Yellow |
| | -B30- | Ball tip type | 2.8mm or above | 1400mm or below | 2.7mm | 1800mm | 3mm | Black |
| DK2623J | -N15- | Needle type | 2.8mm or above | 1700mm or below | 2.7mm | 2300mm | 1.5mm | Green |
| | -N20- | Needle type | 2.8mm or above | 1700mm or below | 2.7mm | 2300mm | 2mm | Blue |
| | -B15- | Ball tip type | 2.8mm or above | 1700mm or below | 2.7mm | 2300mm | 1.5mm | Green |
| | -B20- | Ball tip type | 2.8mm or above | 1700mm or below | 2.7mm | 2300mm | 2mm | Blue |

[Note] The compatibility of equipment chosen solely according to this applied working length of endoscope and the applied channel diameter is not guaranteed.

<Operating Environment>

| | |
|---|---|
| Temperature | +10 to +40℃ |
| Humidity | 30 to 85%RH (no dew condensation) |
| Pressure | 70 to 106 kPa (within range of atmospheric pressure) |

<Transport and Storage Environment>

| | |
|---|---|
| Temperature | -10 to +45℃ |
| Humidity | 30 to 95%RH (no dew condensation) |
| Pressure | 70 to 106 kPa (within range of atmospheric pressure) |

<Medical Device Directive>

This product complies with the requirements of
European Directive 93/42/EEC.
Classification : Class IIb

CE 0123

<Electromagnetic compatibility (EMC) information>

This product used in combination with the high-frequency power supply ICC 200 manufactured by ERBE Elektromedizin GmbH is intended for use in the electromagnetic environments specified below. The customer or the user of this product should assure that it is used in such an environment.

Electromagnetic emission compliance information and guidance

| Emission standard | Compliance | Guidance |
|---|---|---|
| RF emissions<br>CISPR 11 | Group I | This product uses RF (Radio Frequency) energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electric equipment. |
| Radiated emissions<br>CISPR 11 | Class A | This product is intended for use in medical facilities and commercial facilities.<br>If this product is used in domestic establishments, electromagnetic interference may occur on any equipments. It is recommended to correct the electromagnetic interference according to the operation manual of the high-frequency power supply in use. |

Electromagnetic immunity compliance information and guidance

| Immunity test | EN 60601-1-2<br>Test level | Compliance level | Guidance |
|---|---|---|---|
| Electrostatic discharge (ESD)<br>EN 61000-4-2 | ± 6kV: contact<br>± 8kV: air | Same as left | Floors should be wood, concrete, or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%. |
| Electrical fast transient/burst<br>EN 61000-4-4 | ± 2kV: for power supply lines<br>± 1kV: for input/output lines | Same as left | Main power quality should be that of a typical commercial or hospital. |
| Power frequency (50/60 Hz) magnetic field<br>EN 61000-4-8 | 3 A/m | Same as left | It is recommended to use this product by maintaining enough distance from any equipment that operates with high current. |

Electromagnetic immunity compliance information and guidance

| Immunity test | EN 60601-1-2<br>Test level | Compliance level | Guidance |
|---|---|---|---|
| Conducted RF<br>EN 61000-4-6<br><br>Radiated RF<br>EN 61000-4-3 | 3Vrms<br>150kHz to 80MHz<br><br>3V/m<br>80MHz to 2.5GHz | 3V[$V_1$]<br><br>3V/m[$E_1$] | Portable and mobile RF communications equipment should be used no closer to any part of this product, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.<br><br>Recommended separation distance<br><br>$d=\left[\frac{3.5}{V_1}\right]\sqrt{P}$<br><br>$d=\left[\frac{3.5}{E_1}\right]\sqrt{P}$ 80 to 800MHz<br><br>$d=\left[\frac{7}{E_1}\right]\sqrt{P}$ 800MHz to 2.5GHz<br><br>Where “P” is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and “d” is the recommended separation distance in meters (m).<br><br>This product complies with the requirements of EN 60601-1-2: 2007.<br>However electromagnetic interference may occur on this product under electromagnetic environment that exceeds its noise level.<br><br>Electromagnetic interference may occur in the vicinity of equipment marked with the following symbol.<br>  |

Electromagnetic immunity compliance information and guidance

| The customer or the user of this product can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitter) and this product as recommended below, according to the maximum output power of the communications equipment. | | | |
|---|---|---|---|
| Rated maximum output power of transmitter P (W) | Separation distance related to frequency of the transmitter (m) | | |
| | 150kHz to 80MHz<br>$d=1.2\sqrt{P}$ | 80 to 800MHz<br>$d=1.2\sqrt{P}$ | 800MHz to 2.5GHz<br>$d=2.3\sqrt{P}$ |
| 0.01 | 0.12 | 0.12 | 0.23 |
| 0.1 | 0.38 | 0.38 | 0.73 |
| 1 | 1.2 | 1.2 | 2.3 |
| 10 | 3.8 | 3.8 | 7.3 |
| 100 | 12 | 12 | 23 |

# Disposal of Electric and Electronic Equipment

**Disposal of Used Electrical and Electronic Equipment** (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product, or in the manual and/or on this packaging, indicates that this product shall not be treated as household waste.

Instead it should be taken to an applicable collection point for the recycling of electrical and electronic equipment.

By ensuring this product is disposed of correctly, you will help prevent potential negative consequences to the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

The recycling of materials will help to conserve natural resource. For more detailed information about recycling of this product, consult your local dealer.

**In Countries outside the EU:** If you wish to discard this product, contact your local authorities and ask for the correct way of disposal.

# Service Centers

Contact our regional representative below or the distributor from which you purchased the product.

<Europe>

FUJIFILM Europe GmbH
http://www.fujifilm.eu/eu/
See our website to locate our representative in your country.

<USA>

Fujifilm Medical Systems U.S.A., Inc
http://www.fujifilmendoscopy.com/
(800) 385-4666

<Australia>

FUJIFILM Australia Pty Ltd.
http://www.fujifilm.com.au/
1800 060 209

<Asia>

FUJIFILM (Singapore) Pte. Ltd.
http://www.fujifilm.com.sg/
6380-5540

If you are not a resident of the regions above, contact the distributor from which you purchased the product.

Manufacturer:
**FUJIFILM Corporation**
26-30, Nishiazabu 2-chome, Minato-ku, Tokyo 106-8620, Japan

EC REP European Authorized Representative:
**FUJIFILM Europe GmbH**
Heesenstrasse 31, 40549 Duesseldorf, Germany

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