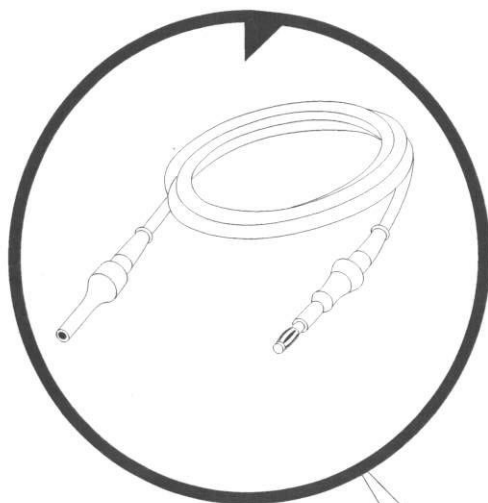


# INSTRUCTIONS



- HF Cables

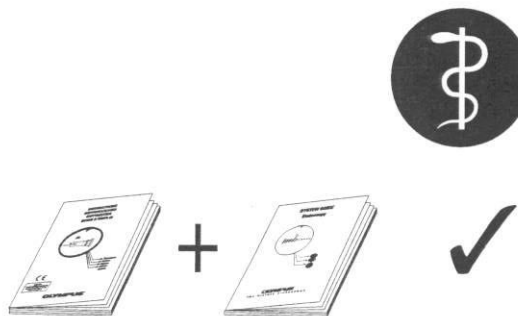
- A00010A, A00011A,  
A00012A, A00500A,  
A00502A, A00503A,  
A00504A, A00505A,  
A00506A, A0100, A0101,  
A0247, A0335.1, A0336.1,  
A0355, A0358, A0391, A0392,  
A0393, A0394, A5376, A5377,  
A5378, A5379

**Caution:**

Federal (USA) law restricts this device to sale by or on the order of a physician.

# OLYMPUS®

A00010A, A00011A, A00012A, A00500A, A00502A, A00503A, A00504A,  
A00505A, A00506A, A0100, A0101, A0130.1, A0130.2, A0139.1, A0139.2, A0247,  
A0335.1, A0336.1, A0355, A0357, A0358, A0391, A0392, A0393, A0394, A5121.1,  
A5128.1, A5129.1, A5376, A5377, A5378, A5379, O0120.1, O0147.1, O5120.1



## General Information

### Intended use.

These products have been designed to conduct HF-current in endoscopic applications.

Do not use these products for any purpose other than their intended use.

**Medical use.** This product is to be used only in a medical facility by trained medical personnel.

### NOTE!

#### Instruction manual set.

The complete instruction manual set for this product consists of this product-specific instruction manual (delivered together with this product) and the system-related instruction manual, entitled "Olympus Endoscopy System Guide" (supplied separately). Immediately contact an Olympus representative if either manual is missing or lost.

Keep the instruction manual set in a safe, accessible location.

### WARNING!

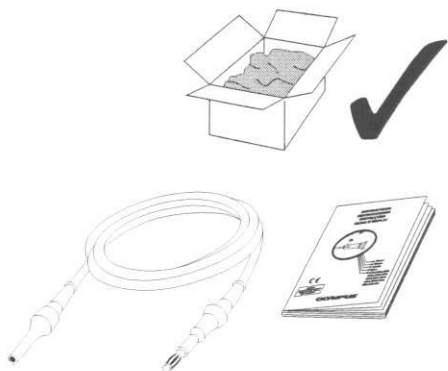
#### Read all instruction manuals

**thoroughly.** Before use, read this manual, the Olympus Endoscopy System Guide, and the manuals for all other equipment which will be used during the procedure.

An insufficient understanding of the dangers, warnings, cautions, and information in these manuals can result in death, serious injury and/or equipment damage.

#### Medical Device Directive (Europe).

This product complies with the requirements of Directive 93/42/EEC concerning medical devices.



## Upon Delivery

### Inspect immediately.

- Make sure that the shipping case contains all of the items listed below.
- Contact your Olympus representative or an authorized service center if any items are missing or damaged.

### Contents.

- HF-cable
- Instruction manual

### Unpacking.

- Remove the product from the packaging. Do not use the packaging for routine storage.

## Compatible Components

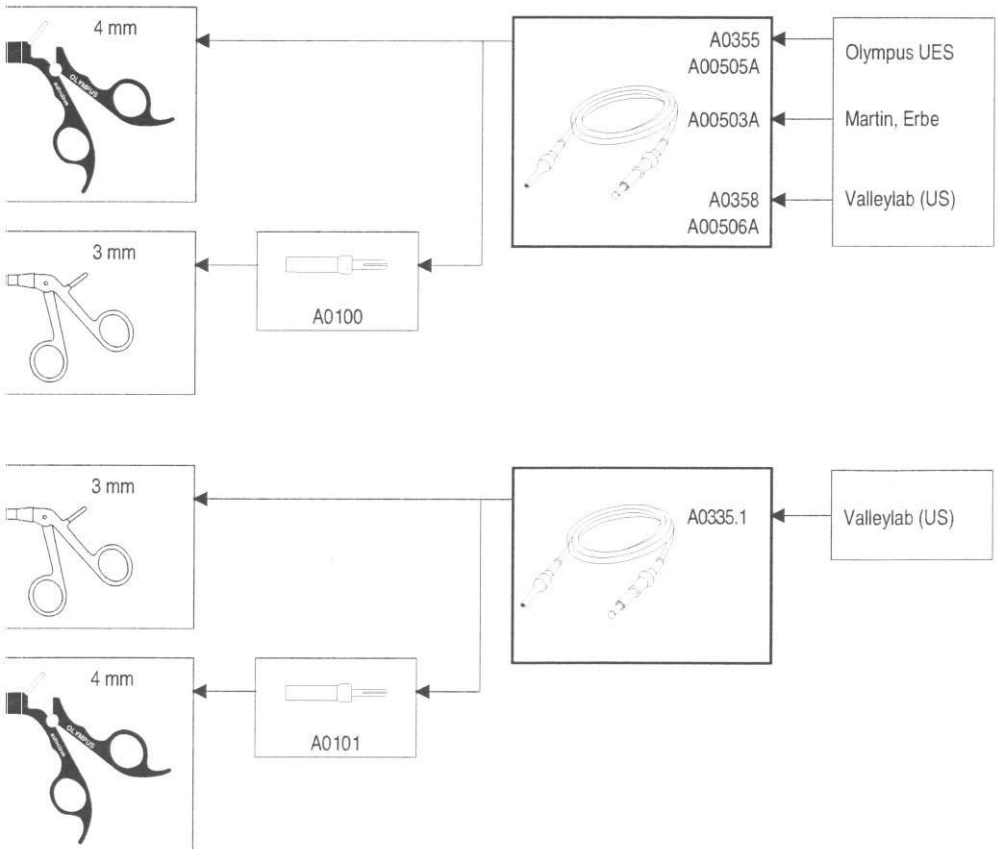


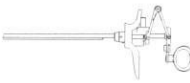
### WARNING!

Risk of injury to the patient and/or user.


Use only compatible equipment as listed in this section.

If other combinations are used, the full responsibility is assumed by the user. Future products may also be compatible. For further details, contact an Olympus representative.






A2760  
A2761  
A4744  
A4745




A0391  
A0392  
A0393  
A0394

Olympus UES  
Martin, Erbe  
Valleylab (US)  
ACMI




A2752      A2754  
A2753      A2755  
              A2757  
              A4512




A 0336.1  
A0247


Valleylab (US)  
ACMI




A5380  
A5382  
A5384  
A5386  
A5388  
A5390  
A5392  
A5394  
A5398  
A5404  
A53850A



A5376  
A00504A



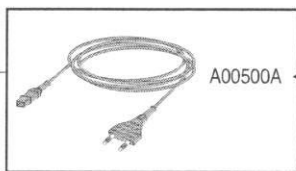
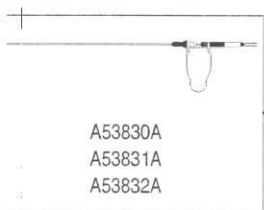
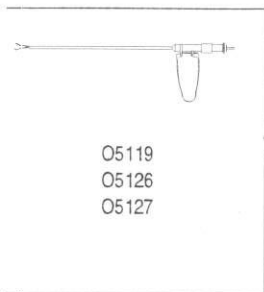
A5377



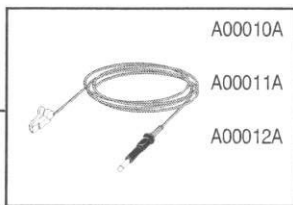
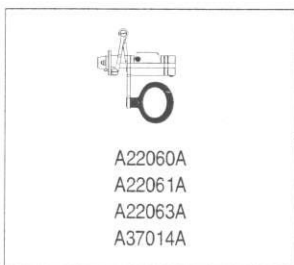
A5378  
A5379  
A00502A

Olympus UES,  
Valleylab

Martin, Berchtold  
Erbe



Olympus UES,  
Valleylab



Olympus UES  
Berchthold, Erbe, Martin  
Valleylab



## Before Use

### WARNING!

**Infection control risk.** Properly reprocess the product before the first and each subsequent use, following the instructions in this manual and in the Olympus Endoscopy System Guide. Improper and/or incomplete reprocessing can cause infection of the patient and/or medical personnel.

## Inspection and Testing

**Inspect the cable.** Visually inspect the cable and the plugs for irregularities on the surface.

**Damaged cable.** Do not use a cable with brittle or defective insulation. Replace the cable.

### CAUTION!

**Wear.** When used as intended, this product is subject to wear, depending on the intensity of use.

If a product has externally visible defects, contact the responsible Olympus representative at once.

Later guarantee claims are forfeited.

Any guarantee claims are void by previous use.

**Plug connector A0355.** Check the plug connector for the HF unit prior to each use. The contact pin must be sufficiently fixed inside the plug.

If necessary, tighten the contact pin by turning it clockwise.





## Use

**Before use.** Make sure that the product has been properly reprocessed, inspected, and tested.

### **DANGER!**

#### **Risk of death or serious injury.**

Improper use of HF current can cause endogenous or exogenous burns and explosions.

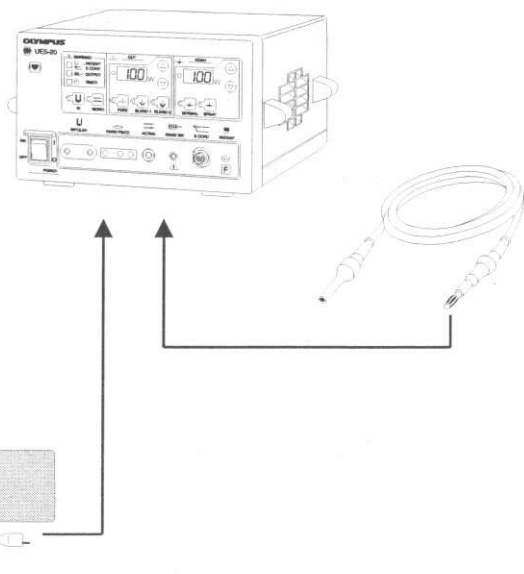
Thoroughly review the HF current safety information included in the Olympus Endoscopy System Guide.

### **CAUTION!**

#### **Risk of damaging the cable.**

In order to plug or unplug the cable always hold it at the plug.

Never pull on the cable to remove it.



## Preparation

### **Prepare the HF unit.**

- Prepare the HF unit. Refer to the HF unit's instruction manual.
- Connect the foot switch to the HF unit.
- Connect a compatible HF cable to the HF unit.

### **Neutral electrode (patient return electrode), (only for unipolar instruments).**

- Attach a neutral electrode (patient return electrode) to the patient. Refer to the neutral electrode's and the HF unit's instruction manual.
- Connect the neutral electrode (patient return electrode) to the HF unit.



### Prepare the endoscope.

- Prepare the endoscopic instrumentation.  
Refer to the endoscope's instruction manual.
- Make sure that the HF cable is not yet connected to the endoscopic instrument at this point.

### Procedure

#### Insertion.

- Insert the endoscope.
- Perform any necessary distention or irrigation.
- Adjust brightness.

#### WARNING!

##### Risk of injury.

Before connecting the HF-cable, make sure that the HF-unit has been switched off.

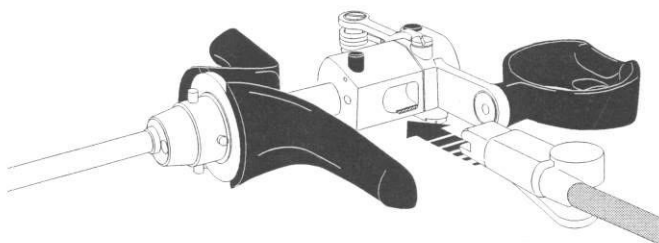
Make sure to connect the HF-cable to the instrument first, then to the HF-unit. Otherwise, there is a risk of injury.

#### Connect the HF-cable (not for A00010A, A00011A, A00012A).

- Connect the HF-cable to the instrument.
- Connect the HF-cable's other end to the HF-unit.
- Switch on the HF-unit.
- Adjust the HF-unit's power output.

#### Connect the HF-cable (only for A00010A, A00011A, A00012A).

- Connect the HF-cable to the working element.  
Make sure that the rounded part of the white connecting plug fits into the rounded part of the receptacle. The connecting plug should click into place.
- Connect the other end of the HF-cable to the HF-unit.
- Switch on the HF-unit.
- Adjust the HF-unit's power output.



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**Procedure.**

- Activate HF current by pressing the foot switch.
  - Perform the procedure.
- 

**After Use****Disassemble the equipment.**

- Switch off the HF unit.
- Disconnect the HF cable.

**Reprocessing.**

- Immediately bring the product to the reprocessing area.
- Reprocess the product following the instructions in this manual and in the Olympus Endoscopy System Guide.



## Reprocessing

### WARNING!

**Infection control risk.** Properly reprocess the product before first and each subsequent use following the instructions in this manual and in the Olympus Endoscopy System Guide. Improper and/or incomplete reprocessing can cause infection of the patient and/or medical personnel.

Observe the following instrument-specific instructions.

**Information in this section.** The following reprocessing information supplements that in the Olympus Endoscopy System Guide.

However, if the information given in this section differs from that in the Olympus Endoscopy System Guide, use the information given here.

### Compatible reprocessing methods.

This product is compatible with the reprocessing methods listed in the table. For details of the procedures, refer to the Olympus Endoscopy System Guide.

- + compatible
- incompatible

	A00010A, A00011A, A00012A, A00500A, A00502A, A00503A, A00504A, A00505A, A00506A, A0100, A0101, A0130.1, A0130.2, A0139.1, A0139.2, A0247, A0335.1, A0336.1, A0355, A0357, A0358, A0391, A0392, A0393, A0394, A5121.1, A5128.1, A5129.1, A5376, A5377, A5378, A5379, O0120.1, O0147.1, O5120.1
① Manual or automatic cleaning	+
② Ultrasonic cleaning	-
③ Disinfection or high-level disinfection	+
④ Gas sterilization (ETO)	+
⑤ Steam sterilization (autoclaving)	+



### CAUTION!

#### Risk of damaging the instrument.

Do not use incompatible reprocessing methods for this instrument. Instrument damage may occur.



## Repair

**Policy.** Contact your Olympus representative or an authorized service center for repair and warranty information.

### **No repair.**

Do not repair HF cables.  
Replace defective HF cables.





