

INSTRUCTIONS FOR USE STERILE SET IIS

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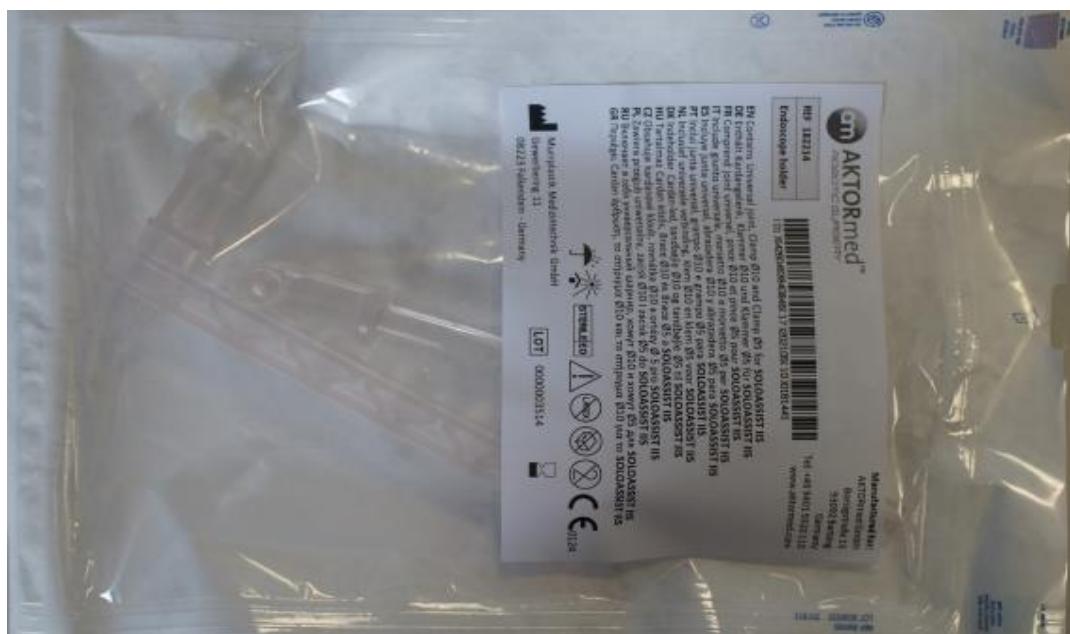


fig. 1: ENDOSCOPE HOLDER REF 182214

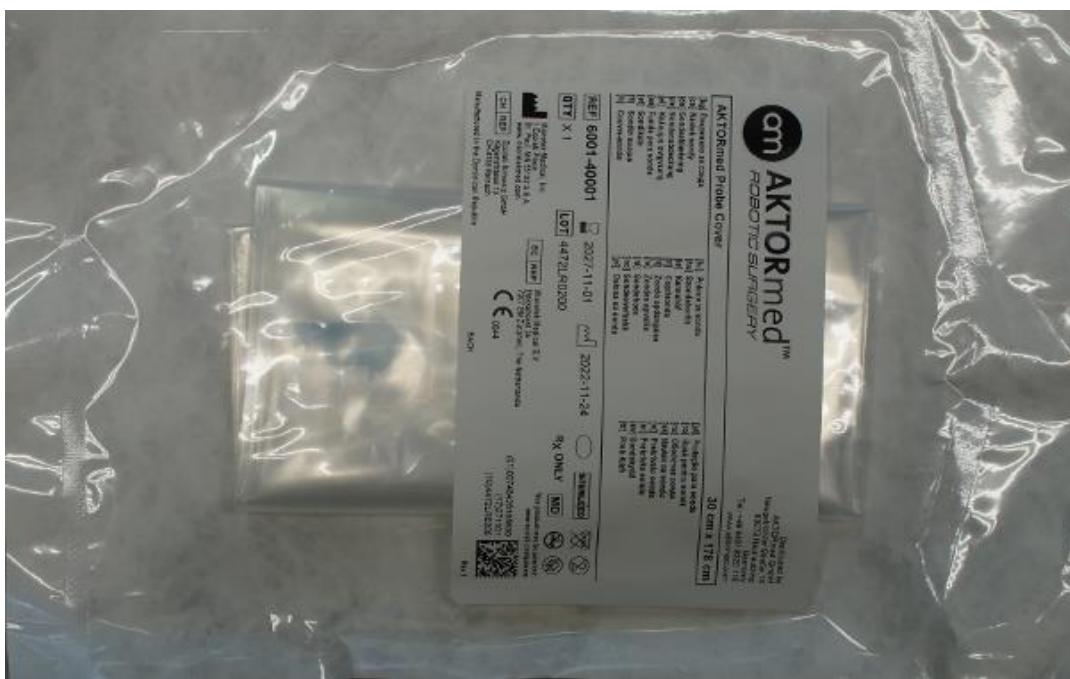
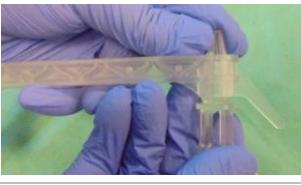


fig. 2: STERILE COVER REF 6001-40001

Please refer to the document "Manual SOLOASSIST IIS - EN 1828-190039" for further details on operating the SOLOASSIST IIS.

Step 1: Prepare STERILE COVER

Step	Description
	<p>Remove the UNIVERSAL JOINT, CLAMP Ø10 and CLAMP Ø5 from the packaging and place these parts in readiness.</p>
	<p>Press the two legs of the CLAMP Ø10 together and pull the CLAMP Ø10 out of the UNIVERSAL JOINT.</p>
	<p>Remove the STERILE COVER from the packaging and place it in the ready position.</p>
	<p>Open the folded STERILE COVER in the middle (adhesive marking with blue arrow).</p>
	<p>Grasp the STERILE COVER with one hand. Insert the plug of the UNIVERSAL JOINT through the opening in the elastic part of the STERILE COVER.</p>
	<p>Pull the UNIVERSAL JOINT through.</p>
	<p>Pull the elastic front end of the STERILE COVER over the conical collar of the plug.</p>

Step	Description
	Make sure that the elastic front end of the STERILE COVER comes to rest as shown in the picture.

Table 1: Preparation of the STERILE COVER

Step 2: Connect the UNIVERSAL JOINT and cover the arm with the STERILE COVER

	The SOLOASSIST IIS is usually covered with the STERILE COVER after the skin disinfection has been carried out but before the patient is covered with a sterile drape.
	Guide the UNIVERSAL JOINT with STERILE COVER from below to the arm.
	Insert the plug of the UNIVERSAL JOINT into the mounting of the arm until the UNIVERSAL JOINT audibly engages. Check the correct engagement by pulling on the UNIVERSAL JOINT.
	Slide the STERILE COVER over the arm.
	Grasp the STERILE COVER and pull it down over your arm. Retrieve any excess length of the STERILE COVER pull down.

Table 2: Obtain sterile

Proceed with the sterile covering of the patient at this point according to the usual procedure in your place.

	Use only the original STERILE COVER – REF 6001-40001 - , as well as the original ENDOSCOPE HOLDER - REF 182214 - which you have purchased from the manufacturer or an authorized partner.
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Step 3: Mounting the CLAMP on the Endoscope

Select the CLAMP suitable for the endoscope. The ENDOSCOPE HOLDER contains one CLAMP each for Ø10 mm and Ø5 mm.

The **CLAMP Ø10** can safely accommodate all endoscopes with an outer diameter of **8 to 11 mm**.

The **CLAMP Ø5** can safely accommodate all endoscopes with an outer diameter of **4 to 6 mm**.

Contact us if you use an endoscope with a different outer diameter.

Step	Description
	Slide the CLAMP Ø10 onto the endoscope and tighten the KNURLED NUT by hand. Only tighten the KNURLED NUT so that you can still rotate the endoscope.
	If you use the CLAMP Ø5, the screw must be removed from the CLAMP Ø10 and inserted into the CLAMP Ø5 mm.
	Turn the KNURLED NUT loosely onto the screw. You can now attach a Ø5 mm endoscope to the CLAMP Ø5. Only tighten the KNURLED NUT so that you can still rotate the endoscope.

Table 3: Mounting CLAMP on the Endoscope

Step 4: Approaching and saving the TROCAR POINT

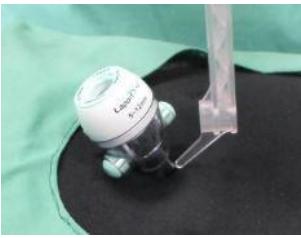
Step	Description
	<p>Press the button (5) "Unlock" and move the STYLUS TIP of the UNIVERSAL JOINT to the entry point of the trocar into the abdominal wall.</p>
	<p>Press button (1) "TP" on the control panel of the SOLOASSIST IIS.</p> <p>You will receive visual feedback when you press the button. The "Ready" display (5) starts to blink green, the TROCAR POINT is then saved.</p>

Table 4: Set TROCAR POINT

	<p>PLEASE NOTE! The endoscope may not be connected to the UNIVERSAL JOINT during the probing of the TROCAR POINT.</p>
	<p>Should there be a power failure or should the device be accidentally turned off during its use, the TROCAR POINT will be lost and must be newly fixed.</p>

Step 5: Mounting the endoscope

Step	Description
	Move the SOLOASSIST IIS in such a way that the UNIVERSAL JOINT comes close to the endoscope (optics) that has already been inserted into the trocar and roughly positioned.
	Attach the endoscope (optics) to the UNIVERSAL JOINT by attaching the CLAMP. The CLAMP engages with a "click".

Table 5: Attach endoscope

Step 6: Ending the application

Step	Description
	Remove the endoscope (optics) from the UNIVERSAL JOINT by pressing the two legs on the CLAMP.
	Loosen the KNULED NUT and remove the CLAMP from the endoscope. Dispose of the used CLAMPS ($\varnothing 10$, $\varnothing 5$)
	Remove the UNIVERSAL JOINT from the arm by pulling down the side release sliders. Dispose of the used UNIVERSAL JOINT.

Step	Description
	<p>Dispose of the used STERILE COVER of the SOLOASSIST IIS.</p> <p>Move the SOLOASSIST IIS to an upright position for subsequent storage on the TROLLEY.</p>
	<p>Disconnect all cable connections and unplug the POWER SUPPLY.</p>
	<p>The SOLOASSIST IIS can be removed from the operating table and stored on the TROLLEY.</p>

Table 6: Ending the application

Symbol	Description
	Reference number
	Lot number
	Can be used until
	Sterilised with ethylene oxide
	Authorised representative in the European Community
	Authorised representative in Switzerland
	Do not use if packaging is damaged
	Do not re-sterilise
	Do not reuse
	Free of latex
	Keep dry
	Protect from sunlight
	Manufacturer

Table 7: Symbols for disposable items



AKTORmed GmbH
 Neugablonzer Str. 13
 D-93073 Neutraubling

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