

iFlow mini Quick-start

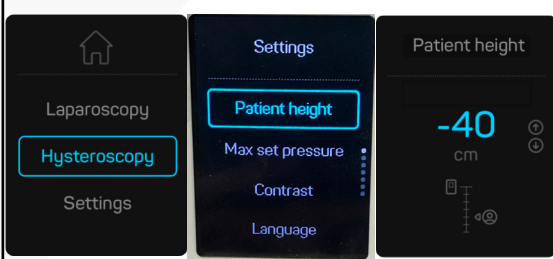
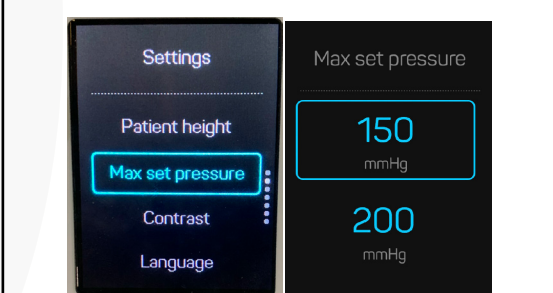
iFlow mini			
		Irrigation and suction pump (Hysteroscopy and laparoscopy programs)	
Tubes			
			
Single-use sterile irrigation tube. With 1 or 2 spike(s). Box of 15 units.		Single-use sterile suction tube. Box of 15 units.	Suction vacuum tube with hy- drophobic filter, non sterile, for 30 days of use.
Cuffs			
			
1L pressure cuff	3L pressure cuff Square version	3L pressure cuff Long version	Y-adapter for connecting 2 cuffs



Non-sterile hands



Sterile hands

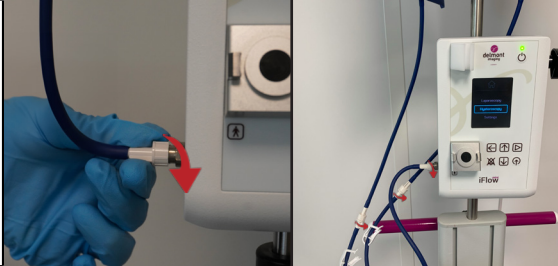
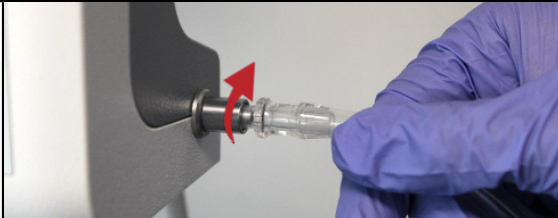
Step	Action by	Photo	Description
Pump set-up and initial settings			
1			- Plug the pump into the wall outlet. A green light indicator will appear above the stand-by button, meaning the pump is ready to use. - Switch on the pump by pressing the stand-by button: a loading screen appears.
2			- From left to right, starting with the first column of buttons: «Back button» & «Stop button for current alarm sound» «Up» and «Down navigation buttons» «Enter/Irrigation start button» and «Suction start/stop button»
3			- On the main menu, go into the «Settings» tab and select «Patient height» setting. - Measure the height difference between the operating table and the iFlow mini pump sensor. - Enter the measured value. The available range is from 0 to -60 cm («0» meaning that the operating table is at the height of the sensor).
4			- The maximum set pressure can be adjusted for hysteroscopy indication. 150mmHg is the default value, but can be set at 200mmHg. - To do so, go back to the «Settings» tab and select «Max set pressure» setting. Then, choose 200mmHg.



Non-sterile hands



Sterile hands

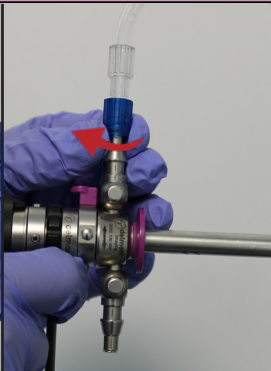
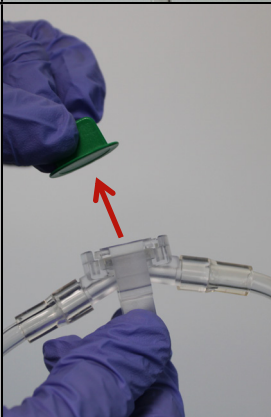
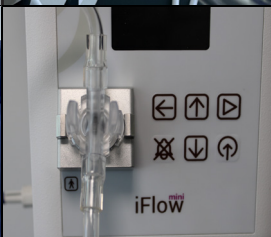
Step	Action by	Photo	Description
Cuff(s) installation			
1			- Slide the fluid bag(s) into the cuff(s) through the top opening. Hang each fluid bag by the hook of the cuff. - Place the cuff(s) on the infusion stand hooks.
2			Connect the cuff to the pump's air outlet if only one is used. Otherwise, connect them both to the Y-adapter. Then, connect the Y-adapter to the pump's air outlet.
Vacuum suction tube installation			
1			Screw the vacuum suction tube to the pump air inlet
2			Connect the second tip of the vacuum tube to the fluid recovery container
3			If you're using more than one container, make sure there is a tandem connection for the vacuum suction



Non-sterile hands



Sterile hands

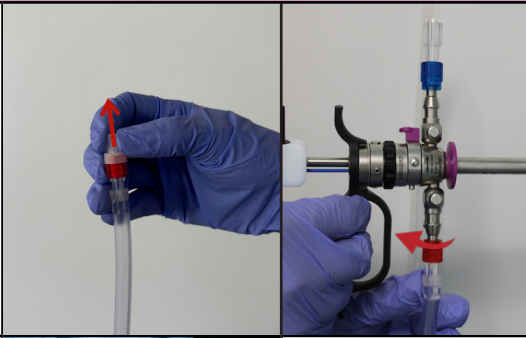
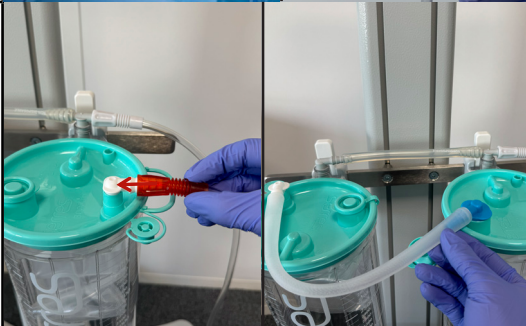
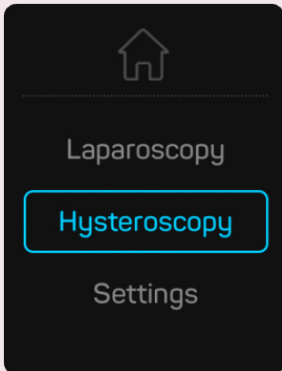
Step	Action by	Photo		Description
Irrigation tube installation				
1				• Open the sterile pouch within the sterile field • Remove the transparent plastic protective cap. • Connect the irrigation tube to the corresponding stopcock on the instrument. Give the other side of the tube to the non-sterile hand.
2				• Take the irrigation tube from the sterile hand. • Press on the two tabs of the dome to remove the green protective cap. • Maintain pressure on the dome's tabs and position it on the sensor housing. ⚠ Make sure there is no gap between the tubing dome and the pump sensor
3				• Rotate the pressure dome by the tubes (not the tabs) to lock it in place
4				• Position the tube in its holder • Insert the spike(s) into the fluid bag(s) with the clamp(s) closed

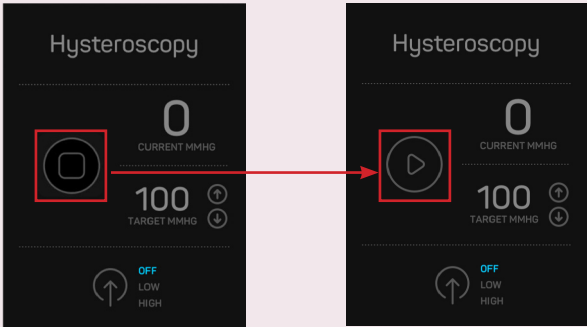
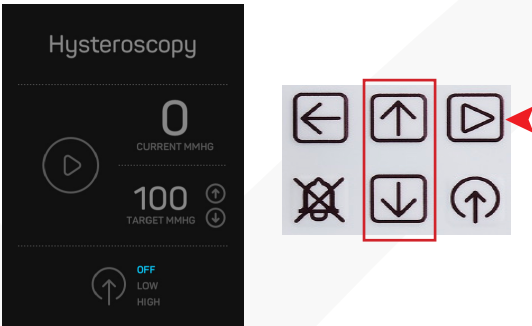
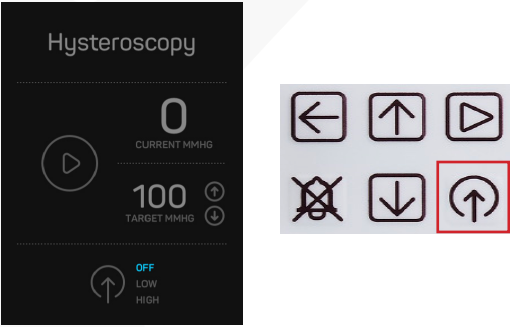
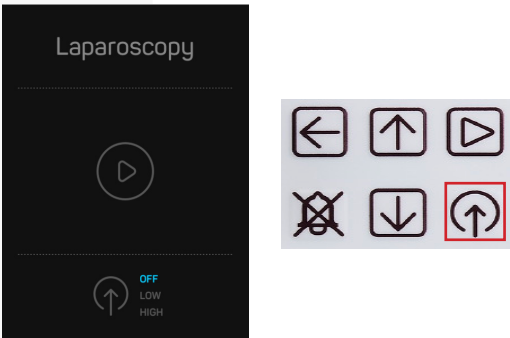


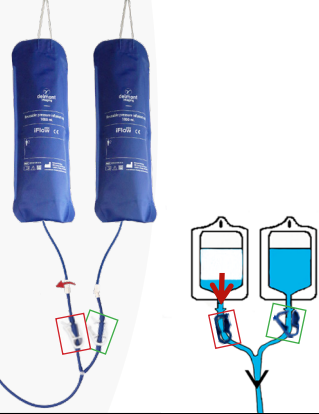
Non-sterile hands



Sterile hands

Step	Action by	Photo	Description
Suction tube installation			
1			- Open the sterile pouch within the sterile field - Remove the transparent plastic protective cap - Connect the suction tube to the corresponding stopcock on the surgical instrument
2			- If present, connect the second end of the suction tube to the collection bag on the surgical drape. <u>If not</u>, close the clamp on this tube end. - Give the other side of the tube to the non-sterile hand.
3			- Take the suction tube from the sterile hand and connect it to the container - Check for the presence of tandem tube for liquid flow in the case of several collection containers
			Once everything is properly installed, enter either in the «Hysteroscopy» or the «Laparoscopy» program, depending on your need.

Step	Photo	Description
		- To ensure patient safety, iFlow mini features a tubing detection function, available in both hysteroscopy and laparoscopy programs. - The pump cannot be launched if the irrigation tube is not connected properly.
Hysteroscopy program		
1		For the «Hysteroscopy» program interface, adjust the targeted pressure through the up and down navigation buttons. Then, start the pump by pressing the enter button.
2		- A vacuum suction function is available on the pump. To activate it, press the suction start button. - Choose between the LOW (30KPa) or HIGH (50KPa) vacuum suction power.
Laparoscopy program		
1		- For the «Laparoscopy» program interface, only one parameter can be adjusted, the liquid suction power. - To do so, press the suction start button and choose between the two suction power options.

Step	Photo	Description
Switching between two bags		
- When more than one bag is required, the Y-adaptor should be used to switch between fluid bags. - Below, a technique using the air from the first cuff is explained to avoid stopping the pump when changing the liquid bag:		
1		- Open only one of the two clamps on the Y-adaptor. - Likewise, open only the irrigation tubing's clamp corresponding to the unclamped cuff. - Start the pump - Wait for the first cuff to fill with air until target pressure is reached (about 1 minute) - Start surgery Open clamp Closed clamp
2		When the first liquid bag is empty, open the clamp of the second cuff and liquid bag. Wait for some of the air in the first cuff to transfer to the second (approximately 10 sec., you will hear a sound of inflation).
3		Clamp the first cuff and liquid bag. - Remove the spike of the irrigation tube and unscrew the cuff with the empty fluid bag. Replace the former bag with a full one, screw the cuff back on and reintroduce the spike inside the new bag.