

## LaparoVue® Visibility System

### Technical Guide



**AIRSEAL® iFS**  
ACCESS MANAGEMENT SYSTEM



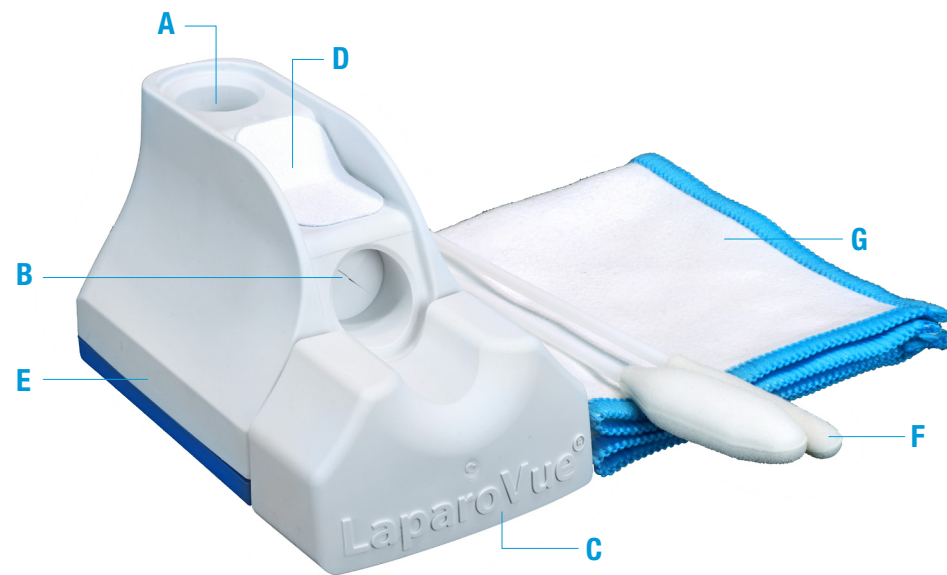
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## Getting Started

### Step 1

- Detach Scope Cradle (C) from the Main Unit (E). This allows for the laparoscope to rest level in the Warming/ White Balancing Port (B) without additional tension on the laparoscope.



### Step 2

- Remove the white pull tab on the bottom of the unit to activate. Blue LED activation lights inside ports will illuminate indicating the Main Unit has been activated.



### Step 3 (OPTIONAL)

- If desired, secure both the Main Unit and the Scope Cradle to the sterile field by removing the adhesive backing located on the bottom of the Main Unit and Scope Cradle.



### Step 4

- After the unit has been activated, puncture the surfactant cup in the Cleaning/Defogging Port (A) with the proximal end of a VueTip™ Trocar Swab (F). Grip the VueTip Trocar swab 1 inch from the bottom and puncture the surfactant cup where the 4 flaps come together. Move the VueTip Trocar Swab in a circular motion, while remaining vertical, to open the film wide enough for the laparoscope.

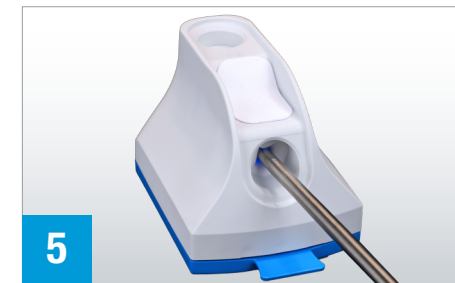
**CAUTION: Do not use the laparoscope to puncture the surfactant port.**



## During the Case

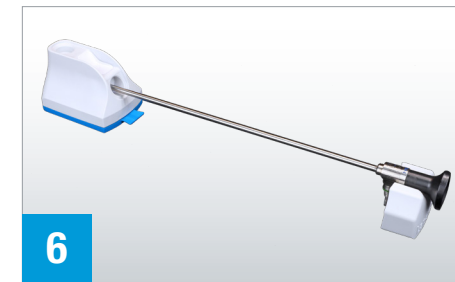
### Step 5

- Once activated, a laparoscope can be inserted into the Warming/White Balancing Port.



### Step 6

- Push the laparoscope gently into the Warming/White Balance Port located on the front of the unit and rest the proximal end of the laparoscope on the Scope Cradle.



### Step 7

- Leave the laparoscope in the Warming/White Balance Port for 5 minutes for the initial warming. If the laparoscope is left in the warming port for an extended period of time, reduce the light intensity to reduce heat. Arrange the Scope Cradle so the laparoscope is located on a stable surface.

### Step 8

- The laparoscope can be white balanced while warming. The white balancing procedure is dependent on the type of camera system utilized. If the camera light intensity is too high, white balancing may fail. Pull the laparoscope slightly away from target or reduce the camera's light intensity. White balancing can also be done with the Microfiber Cloth (G).

**CAUTION: It is not recommended to use gauze to white balance.**

### Step 9

- To remove debris from the laparoscope, insert into the Cleaning/Defogging Port and rotate back and forth. Under high-fog conditions, do not wipe away all the surfactant from the lens. Gently dab the laparoscope on the Microfiber Surface (D) to remove excess fluid without wiping. Return the laparoscope into the body quickly to prevent cooling.

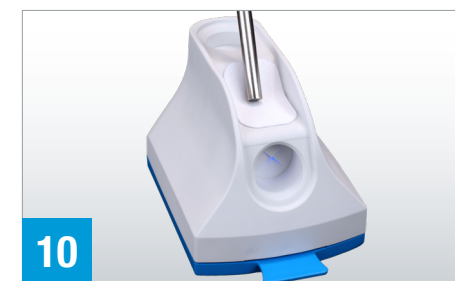
**Note: Quickly inserting and withdrawing the laparoscope is insufficient to warm and break-up debris from the lens.**

**CAUTION: Do not tilt the LaparoVue Main Unit more than 45° from the upright position.**



### Step 10

- The laparoscope may also be cleaned using the Microfiber Cloth or the Microfiber Surface located on the Main Unit.



## Trocar Cleaning During the Case

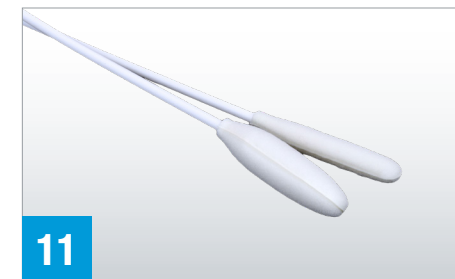
### Step 11

- The small VueTip Trocar Swab is compatible with 5-8mm trocars. The large VueTip Trocar Swab is compatible with 8-12mm trocars.

*For best results, we recommend using the small VueTip Trocar Swab with 5-8mm trocars and the large VueTip Trocar Swab with 10-12mm trocars.*

On trocar models that have a spring loaded valve, open the valve during insertion or retraction of the VueTip Trocar Swab. Make sure the trocar does not have any sharp edges that can snag the VueTip Trocar Swab. Do not extend foam head beyond distal end of trocar.

**Note: The VueTip Trocar Swabs shafts are radiopaque.**



### Step 12

- Grasp VueTip Trocar Swab handle and push foam head straight into the trocar. Do not release or bend the VueTip Trocar Swab handle inserted into the trocar.

## LaparoVue Product Features

### One Unit, Two Ports

- Warm a laparoscope while cleaning another, reduces preparation time when changing laparoscopes
- Accepts 3 – 12mm laparoscopes without the need for a port size converter
- Warms, white balances, cleans and defogs for up to 5 hours

### Designed for Stability

- Scope Cradle safely and securely supports laparoscope to reduce the risk of damage
- Upright functionality reduces chances of surfactant spillage

### Easy to remove batteries for disposal

### No assembly requirement streamlines procedure set-up time

### Single use for maximum infection control

## Ordering Information

Description	Qty	Catalog Number
LaparoVue® Visibility System	10/Box	LAPVUE10
1 LaparoVue® Unit (Main Unit and Scope Cradle)		
2 VueTip™ Trocar Swabs (one large and one small)		
1 Microfiber Cloth		
VueTip™ Trocar Swab Accessory Kit	10/Box	VUETIP10
2 VueTip™ Trocar Swabs (one large and one small)		
1 Microfiber Cloth		

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