**Indications For Use:** LaparoVue™ is a single-use, sterile device to be used prior to and during endoscopic and laparoscopic procedures to prevent fogging of the scope lens.

This document is designed to assist in using this product. It is not a reference to surgical technique.

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**LaparoVue™ Visibility System**

**Laparoscopic Solutions**

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## Instructions

**LaparoVue™ Setup**

1. Detach scope cradle from main unit.

**Activate LaparoVue™ Unit**

2. Pull slip sheet to activate. LED lights inside ports will illuminate indicating unit has been activated and warming of cleaning/defogging solution has started.

**Puncture Cleaning/Defogging Scope**

3. Prior to start of surgery puncture cleaning/defogging port on top of the unit with the VueTip™ Trocar Swab handle. Do not use scope to puncture port.

**Scope Insertion**

4. Once activated, scope can be immediately inserted to begin warming.
5. Push scope firmly into the warming/white balancing port located on the front of the unit, puncturing port membrane. For flexible scopes, puncture membrane with a rigid instrument.

**Warming**

6. Leave scope in warming/white balancing port for a minimum of five minutes for initial warming. If scope is left in warming port for an extended period of time, please reduce light intensity to reduce heat.
7. For additional scope protection rest the scope on scope cradle. Note: Be sure to arrange stand so that scope is located on a stable surface if left unattended.

**White Balancing**

8. The scope can be white balanced while it is warming. White balancing procedure is dependent on the type of camera system utilized. If camera light intensity is too high, white balancing may fail. Pull scope slightly away from target or reduce the camera's light intensity. If necessary, white balance with Microfiber Cloth. We recommend NOT using gauze.
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**Instructions**

**Sterile Field Attachment Method**
9. If desired, secure both the main unit and Scope Cradle on the sterile field by removing adhesive backing located on bottom of unit and cradle.

**Cleaning/Defogging Scope**
10. Agitate to remove debris and wait five seconds to warm scope before inserting into patient. Under high-fog conditions, do not wipe away all of the anti-fog liquid from the lens. Tap or shake the scope to remove excess fluid without wiping.
   NOTE: Quickly inserting and withdrawing the scope is insufficient to warm or break-up debris from the lens.
11. Return scope quickly into the body to prevent cooling.
12. The lens may also be cleaned using the Microfiber Cloth or the Microfiber Surface located on the main unit.

**Cleaning Cannula with VueTip™ Trocar Swabs**
13. Use the small head VueTip™ Trocar Swab for 3–7 mm trocars, and the large head VueTip™ Trocar Swab for trocars 7–12 mm.
14. Grasp handle and push foam head straight into the trocar. Do not release or bend the VueTip™ Trocar Swab.
15. On certain trocar models that have a spring loaded valve, open the valve during insertion or retraction of the VueTip™ Trocar Swab. Make sure trocar does not have any sharp edges that can snag the VueTip™ Trocar Swab. Do not extend foam head beyond distal end of trocar.
16. VueTip™ Trocar Swabs and microfiber cloth are radiopaque.
17. VueTip™ Trocar Swabs are not compatible with Snowden-Pencer trocars or other metal trocars.

**Operational Information:**
- LaparoVue™ is designed to operate for a maximum of five (5) hours once unit is activated.
- The ambient temperature during operation should be kept between 50°F to 104°F (10°C to 40°C).
- LaparoVue™ accommodates scope sizes 3 mm–12 mm.
- During surgery both ports may be used simultaneously.

**Disposal**
18. After use, the LaparoVue™ Visibility System should be disposed in accordance with local guidelines for medical waste that includes batteries.

**Contraindications:**
This device is not designed, sold, or intended for use except as indicated.

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This equipment is intended for use by trained healthcare professionals only. For single-use only. Do not reuse, reprocess, or re-sterilize. Reuse, reprocessing, or re-sterilization may lead to malfunction or risk of cross-contamination which in turn may result in patient injury, illness or death.