VIPER™ II BLOWER MISTER
INSTRUCTIONS FOR USE

Catalog Number	Description
BLM-700MS	Viper II Blower Mister

Explanation of Symbols on Packaging Label

STERILE EO	**Sterilized using Ethylene Oxide**	REF	**SKU / Catalog Number**
	**Manufacturer**	LOT	**Lot Number**
	**Date of Manufacture**	Rx only	**Prescription only / Caution: Federal (US) law restricts this device to sale by or on the order of a physician**
	**Use-by Date**		**Consult Electronic Instructions for Use**
	**Do Not Re-Use**		**Non-pyrogenic**

Product Description:

The VIPER II Blower Mister consists of a handpiece, a malleable shaft with a distal tip, and a tubing set (CO_2 line tubing co-joined to fluid line tubing). The handpiece has a control for on/off of CO_2 / saline. A separate roller clamp provides a means to adjust fluid flow. The tubing set is approximately 10 feet (304.8 cm) in length.

Sterile, Nonpyrogenic, Disposable, Single use only.

Indications For Use:

The VIPER II Blower Mister is indicated for use during procedures when a wound or surgical site must be cleared using non-contact means for enhanced visibility.

Contraindications:

- This device is not intended for use other than as indicated above.
- This device should not be used where the effects of a CO_2 air stream or irrigation mist are contraindicated.

Warnings:

- Proper surgical procedures and techniques are the responsibility of the medical professional.
- DO NOT USE OXYGEN WITH THIS DEVICE.
- DO NOT exceed a flow rate greater than 8 liters per minute (l/min).
- Do not use air pressure greater than 50 psi.
- Use caution when moving device tip closer than 3 cm to the surgical or wound site. DO NOT ALLOW DEVICE TIP TO CONTACT TISSUE.
- Do not use this device if it shows signs of damage such as crimps, kinks or crushed areas.
- Acute bending of the stainless steel malleable shaft may cause kinking.
- Do not reuse or re-sterilize.
- Protect from extreme heat or humidity.

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

Precautions:

- Product is Ethylene Oxide sterilized.
- Sterile unless package is opened or damaged.
- To control the release of compressed CO_2, point tip of the device away from the wound or surgical site before turning on the device.

Adverse Effects:

None known.

Instructions For Use:

1. Inspect the package and product for damage and expiration date. Open the package and transfer product onto the sterile field utilizing aseptic technique.
2. Connect the braided tubing to a regulated source of medical CO_2 (not included). Initially adjust regulated flow control to 5 liters per min (l/min) and pressure of 30 psi.
   DO NOT EXCEED 8 l/min.

   DO NOT USE AIR PRESSURE GREATER THAN 50 psi.

3. Close the pinch clamp on the IV tubing. Aseptically connect the IV spike to a new bag of sterile saline (not included) and place in a pressure cuff (not included). Inflate the pressure cuff to approximately 150 mmHg. Open the pinch clamp.
4. To control the release of compressed CO_2, point tip of the device away from the wound or surgical site before turning on the device.
5. Fully open the roller clamp to prime the saline line then adjust to the required flow.
6. To make any adjustments to the irrigation mist, adjust either the roller clamp on the fluid line or the regulated CO_2 flow control.
7. The handpiece has a control for on/off of CO_2 / saline.
8. Gently bend the malleable shaft to the desired shape to better access the wound or surgical site.
9. Initially hold the tip of the device 5-15 cm from the site to be visualized. Adjust distance as required for optimum clearing of the area. Use caution when moving device tip closer than 3 cm to the surgical site.
   DO NOT ALLOW DEVICE TIP TO CONTACT TISSUE.

10. Dispose of device in accordance with established hospital protocol for hazardous waste.

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