Intended Use

To deliver medical gases from Nitrous Oxide/Oxygen flowmeters (mixers) and to remove excess and exhausted gases. Designed to maximize access to the oral cavity by minimizing the size of the nasal mask and scavenging tubing. The reusable RFS circuit and disposable masks use biocompatible components containing no natural rubber latex. The RFS version is designed to work with remote vacuum controllers such as RFS and Accu-vac. Disposable nasal masks are single-use only and available in a variety of colors and scents.

The circuit is easy to install and compatible with common brands of nitrous oxide/oxygen sedation equipment. The clear tubing is lightweight. The transparent nasal mask shows patient exhalations for respiration monitoring.

### Flowmeter Setup:
- Remove reservoir bag from downspout.
- Install white cap on downspout. Cap is designed to pop off if hose is kinked or obstructed. If this occurs, correct hose issue and reattach cap.
- Install 90° adapter to outspout.
  **Note:** 90° adapter fits all 22mm outspouts.
- Attach circuit gas connector to 90° adapter.

### Warnings and Precautions:
Do not reuse nasal masks. Prior to each use, reprocess per instructions below and inspect tubing and connectors for damage and deterioration.

**Note:** US Federal law restricts this device to sale by or on the order of a dentist or physician.

**Disinfecting/Reprocessing:** Accutron recommends steam sterilization of the reprocessable portions of the system (clear tubing and clear connectors) prior to each reuse per Accutron Reprocessing Instructions 26613 or 26613-INT. Maximum number of validated reprocessing cycles is 200. Whitening of the tubing occurs during steam sterilization but clears after a few hours. Slight permanent discoloration of tubing will occur after repeated sterilization but will not affect performance.
Scavenging Setup And Operation

**RFS:** Connect vacuum connector direct, no adapter needed. Adjust to top of green zone.

**Accutron Accu-Vac:** Contact Customer Service for Adapter Kit. Open to max flow, disregard LED color.

**Matrx, Remote:** Use adapter with hex base. Adjust flow needle to top of acceptance zone.

**Porter AVS:** Use adapter with square base. If fit is loose, add layer of tape to Porter post. Set vacuum flow to green zone prior to connecting circuit. Ball will hit top of tube when connected to circuit.

---

**Warning! Only one vacuum controller may be connected at one time.**

---

**Patient Prep Procedure:**
- Select proper size mask (S, M, L).
- Attach mask to circuit per picture below.
- Fit over nose and loop tubes over ears.
- Tighten bolo slide under chin.

---

**Nitrous Oxide Procedure:**
- Set total flow to 5.0 lpm Oxygen (Nitrous Oxide at 0 lpm or 0%).
- Gradually increase Nitrous Oxide flow (%) until desired clinical effect is achieved.
- If desired clinical effect is not reached, increase Total Flow as needed up to maximum flow.
- At end of procedure, turn off nitrous oxide and continue 100% oxygen for minimum of 5 minutes.

---

Crosstex®, Accutron™, RFS™ and Axess™ are trademarks and registered trademarks of Crosstex International, Inc. Porter™ is a trademark of Parker-Hannifin. Matrx® is registered trademarks of Midmark Corporation.