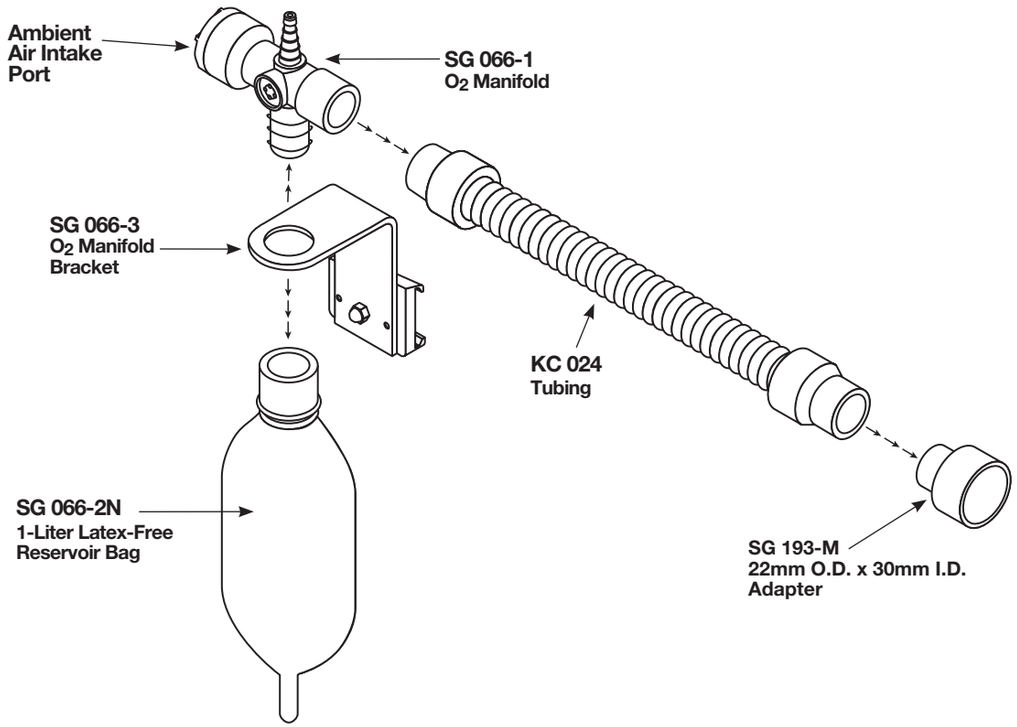
F Cleaning Recommendations

Note: Do not clean Reservoir Bag with alcohol.
Reservoir bag is Single Patient Use.

1. Disassemble the **SG 066 O_2 Enrichment Kit** as illustrated.



2. Wash the **SG 066-1 O_2 Manifold**, the **KC 024 Tubing**, and the **SG 193-M 22mm O.D. x 30mm I.D. Adapter** in warm soapy water. If necessary, use soft, long-bristle bottle brushes to remove all foreign matter.

Caution: Do not attempt to clean the interior of the Reservoir Bag; if using brushes, be sure not to damage the Ambient Air Inlet Port on the O_2 Manifold.

3. Rinse the cleaned parts with water, making certain all soap residue is removed.

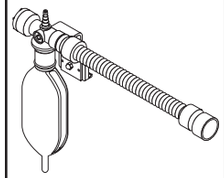
4. Disinfect the **SG 066-1 O_2 Manifold,** the **KC 024 Tubing**, and the **SG 193-M 22mm O.D. x 30mm I.D. Adapter** using one of the following methods:

a. Soak for **30** minutes in a solution of one part white vinegar to three parts water. **Rinse thoroughly.**

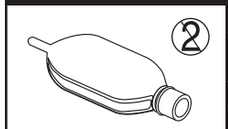
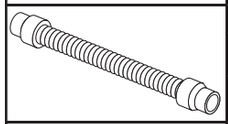
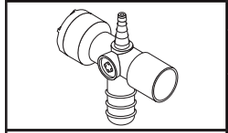
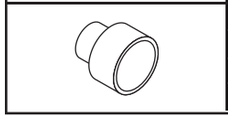
b. Soak in an approved chemical disinfectant, following the manufacturer's instructions. **Rinse thoroughly.**

5. Shake excess moisture from all parts and place on a clean towel to air dry. **Do not wipe dry with a towel; do not use a blow dryer.** All parts must be completely dry before attaching to the ventilator.

G Product Specifications

	**Model #**	**SG 066**
	Type	**Reusable O_2 Enrichment Kit** *(Single Patient Use Bag)*
	Bag Volume	1-Liter
	Materials	Polysulfone Silicone Rubber Anodized Aluminum Neoprene Bag

Replacement Parts

	**Model #**	**SG 066-2N**
	Type	**Single Patient Use Breathing Bag**
	Volume	1-Liter
	Materials	Latex-Free Neoprene
	**Model #**	**KC 024**
	Type	**Reusable KC Tubing**
	Length	24″
	**Model #**	**SG 066-1**
	Type	**Reusable O_2 Manifold**
	Materials	Polysulfone Silicone Rubber
	**Model #**	**SG 193-M**
	Type	**Reusable Adapter**
	Size	22mm O.D. x 30mm I.D.
	Materials	Polysulfone

Visit **iiimedical.com/symbols.pdf** for the Glossary of Symbols used in Instrumentation Industries, Inc. labeling.

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Instrumentation Industries, Inc.

O_2 Enrichment Kit

Installation & Usage Directions

SG 066

Reusable

- *Not made with Natural Rubber Latex*
- *Not made with Di(2-ethylhexyl) phthalate (DEHP)*

*Made in **USA**!*

Rx ONLY

NON STERILE

MR UNSAFE

1-23

ECO 2783 Rev. E

A Indications for Use

The SG 066 Oxygen (O_2) Enrichment Kit is designed for use on certain ventilators to provide higher concentrations of oxygen to the patient by mixing room air with an oxygen source at the proximal airway.

B Contraindications

None known.

C Cautions & Warnings

Warning: Never operate the **SG 066 O_2 Enrichment Kit** without securing it to a ventilator.

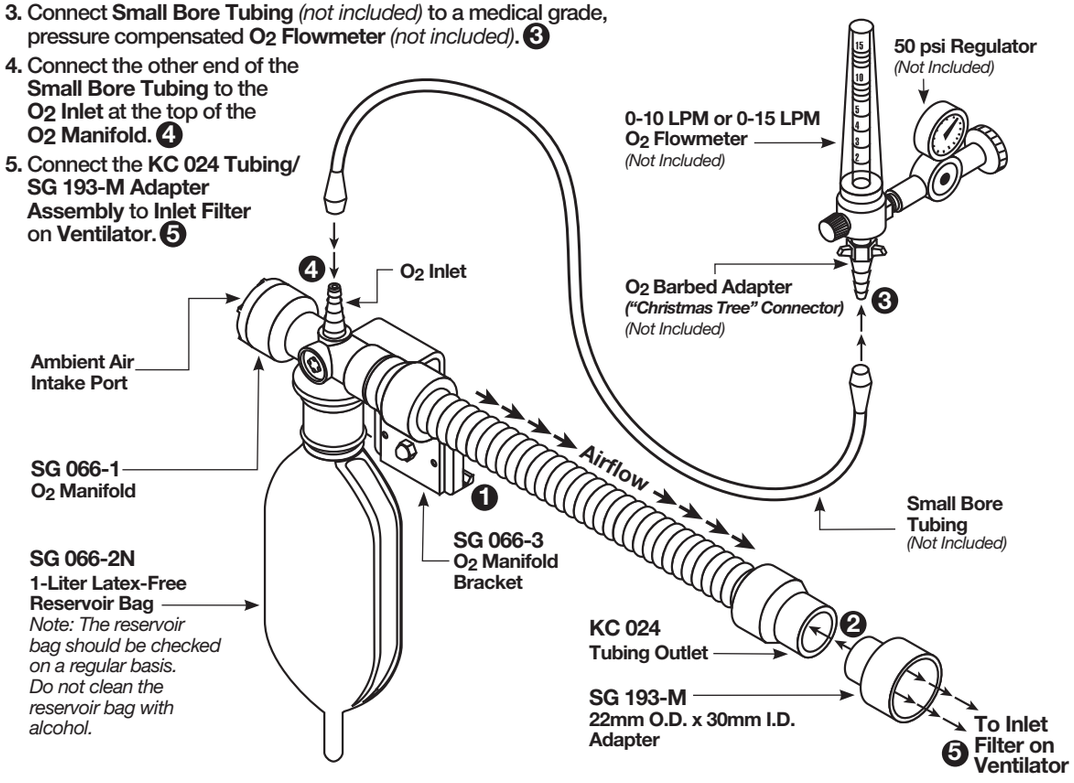
Warning: The **SG 066 O_2 Enrichment Kit** is designed to operate with a hospital grade oxygen supply. Pressure should not exceed 10 psi at the **O_2 Manifold Inlet.** Oxygen flow to the **SG 066 O_2 Enrichment Kit** should not exceed 10 liters per minute.

Caution: Ensure that the **Intake Port** is correctly located, so that it cannot be blocked.

D SG 066 O_2 Enrichment Kit Directions for Set-Up

Directions for Set-up:

1. Slide the **SG 066 O_2 Enrichment Kit** onto the mounting rail using the **SG 066-3 O_2 Manifold Bracket.** ❶ Ensure that the **Ambient Air Intake Port** is facing toward the front of the ventilator.
2. Connect the **SG 193-M Adapter** to the **KC 024 Tubing Outlet.** ❷
3. Connect **Small Bore Tubing** *(not included)* to a medical grade, pressure compensated **O_2 Flowmeter** *(not included).* ❸
4. Connect the other end of the **Small Bore Tubing** to the **O_2 Inlet** at the top of the **O_2 Manifold.** ❹
5. Connect the **KC 024 Tubing/ SG 193-M Adapter Assembly** to **Inlet Filter** on **Ventilator.** ❺



E SG 066 O_2 Enrichment Kit Directions for Operation

A physician must determine if there is a need for supplemental oxygen.

The **SG 066 O_2 Enrichment Kit** can deliver up to 100% oxygen concentration at the proximal airway.

1. Determine the Minute Volume using the following formula:

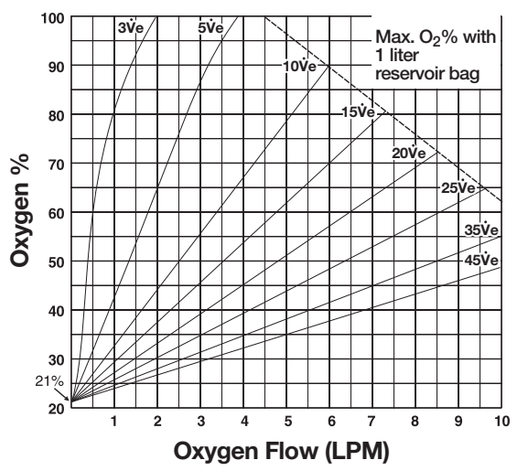
$$\dot{V}_e = (BPM)(V_t)$$

$\dot{V}_e$ = Minute Volume in liters/min-
V_t = Tidal Volume
BPM = Breaths Per Minute

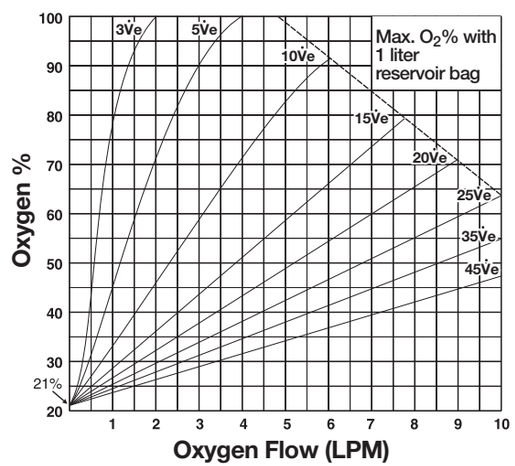
2. Determine the **Inspiratory:Expiratory *(I:E)* ratio** (1:1 or 1:2).
3. After determining the **I:E ratio,** use the tables below:
   - ***a.*** Locate the **percentage of oxygen** required on the **Y-axis.**
   - ***b.*** Locate the predetermined **minute volume** on the **diagram.**
   - ***c.*** Determine the **flow rate of oxygen** needed to achieve the desired **oxygen concentration** by locating the point on the **X-axis** directly below the established intersection.
4. Analyze the delivered **oxygen concentration** for accuracy.

Note: These tables are not applicable if an oxygen concentrator is in use.

1:1 I:E Ratio



1:2 I:E Ratio



Note: *During normal operation of the **SG 066 O_2 Enrichment Kit**, the reservoir bag will partially collapse with each cycle. This is due to the method at which the oxygen is blended with the room air.*