

## Pneumatic Retinopexy

- 1) Connect the luer-to-luer fitting to the 60 cc syringe containing mixed gas.
- 2) Connect the 1 cc syringe to the open port of the luer-to-luer fitting.
- 3) Inject the mixed gas into the 1cc syringe by gently pushing the 60 cc syringe plunger forward until the desired volume has been dispensed.
- 4) Remove the 1 cc syringe from the luer-to-luer fitting and connect the 30 ga sharp needle.
- 5) The 1 cc syringe is ready for use.



## Other Sonomed Escalon Intraocular Gas Products

TR9088	SF6 Intraocular Gas
TR9089	C3F8 Intraocular Gas
TR9085	Standard Regulator
TR9066	Cylinder Stand
TR9049-11	Tornambe Eye Level

## Warnings

- 1) This sterile disposable medical device should not be reused. Known risks associated with reuse of device include cross-contamination between patients and mechanical failure of product during use.
- 2) After use, all parts of this disposable pack, as well as any remaining fluid, should be properly disposed.
- 3) If any component in this pack is received in a defective condition, do not use and immediately notify Sonomed Escalon.
- 4) The output pressure of the tank should typically be regulated to no more than 5 psi (0.35 bar).
- 5) There are no known specific risks for use of this device with children or with pregnant or nursing women.



Sterile EO



## Universal Gas Kit

REF TR9060-61

## Instructions For Use

### Indication For Use

The Universal Gas Kit is intended to be used as a tool to achieve precise mixtures of gas and air.



## Components

- 1) Tubing Set with Blue Filter
- 2) Additional Blue Filter
- 3) 3-Way Stopcock
- 4) 60 cc Syringe
- 5) Syringe Plunger
- 6) 1 cc Syringe
- 7) 30 ga Sharp Needle
- 8) Luer-to-Luer Fitting



## Set-Up

- 1) Connect the additional blue filter to the side port of the 3-way stopcock.
- 2) Connect the blue filter of the tubing set to the open port of the 3-way stopcock directly across from the 60 cc syringe.
- 3) Insert the syringe plunger into the syringe.
- 4) Pass the distal end of the tubing set to the circulating nurse.
- 5) The circulating nurse should attach the distal end of the tubing set to the gas cylinder regulator by twisting the luer connector into place.



**WARNING:** The output pressure of the tank should typically be regulated to no more than 5 psi (0.35 bar).

## System Purge

- 1) Turn the 3-way stopcock "OFF" lever to the single blue filter.
- 2) Gently pull back the syringe plunger to the 20 cc mark to draw up gas.
- 3) Turn the 3-way stopcock "OFF" lever to the blue filter attached to the tubing.
- 4) Push the syringe plunger completely forward to purge all gas.



## Gas Mixing

- 1) Turn the 3-way stopcock lever to the single blue filter.
- 2) Gently pull back the syringe plunger to the desired percentage mark to draw up gas.
- 3) Turn the 3-way stopcock "OFF" lever to the blue filter attached to the tubing.
- 4) Gently pull back on the syringe plunger to the "AIR" mark on the syringe to draw up air.
- 5) Disconnect the syringe from the 3-way stopcock.
- 6) The gas is now mixed and ready for injection via the 30 ga sharp or infusion line. Note: Typical accuracy of gas mixing within 0.2% of targeted mixture.

