USING THE Honan INTRAOCULAR PRESSURE REDUCER

DISPOSABLE
This Pneumatic Eye Softener comes to you completely assembled. Check it over carefully for damage in shipping. If any damage is found, notify us and the carrier who should make note of concealed damage.

Relief Valve (Where Used)
This highly sensitive precision finished Relief Valve will limit to approximately 60 mm Hg the pressure that can be applied by the Honan Intraocular Pressure Reducer.

PREPARATION FOR USE, DISPOSABLE
Do not autoclave or gas sterilize. CAUTION: Do not sterilize the Pressure Gauge or Bulb Air Pump. They could be damaged in the process.

It is clean, ready for use. Remove from pouch and apply.

Positioning the Pressure Reducer
Tape upper lid closed to avoid touching cornea. Place a Sterile Eye Pad or 4” x 4” gauze over the eye and position the soft pneumatic Bellows over the pad and the eye, securing it loosely in position with the adjustable Headband.

Apply Headband loosely enough to prevent putting pressure on eye before inflating Bellows, but tightly enough to apply desired pressure when inflated.

Before inflating Bellows, read the Guidelines For Using The Pneumatic Eye Softener.

GUIDE LINES FOR USING
Pressure on the eye traditionally has been a method of slowing some tachycardias. Some persons may be more sensitive to the ocular vagal reflex. Therefore, all patients should be monitored for signs of bradycardia while pressure is being applied to the eye.

The optimum pressure to be used should be well below pressure in the central retinal artery. It should be elevated only high enough to create a soft surgical eye. Using the 20 to 30 mm Hg of monitored pressure for 30 to 60 minutes before surgery, clinically results in very soft, safe, surgical eye. With the Schiotz Tonometer with 5.5 gm weight, the scale reading may be above 10. An eye may be so soft that the cornea may be observed to dimple when the lid speculum is inserted. Releasing the pressure every 30 seconds and then reapplying it has NOT been found necessary or desirable.

With a soft eye, the iris may be concave or drop posteriorly after lens removal. Excess vitreous implantation is much easier and safer. From the surgeon’s viewpoint, there is much less stress and strain.

INSTRUCTIONS FOR USING RELIEF VALVE WITH HONAN INTRAOCULAR PRESSURE REDUCER
This highly sensitive precision finished relief valve will limit to approximately 60 mm Hg, the pressure that can be applied to the Honan Intraocular Pressure Reducer.

It is permanently adjusted and is designed to prevent pressure in the bellows from exceeding approximately 60 mm Hg, even if the gauge should become damaged by rough handling, dropping, etc. It is easily added to any Pressure Reducer now in service.

A. Connect valve inlet to gauge with short rubber tubing which is on valve.
B. Connect valve outlet to bellows with long rubber tubing.

If valve is received with a new Pressure Reducer it will come connected to bellows with long tubing and directions, “A”, & “B”. If valve is purchased to be added to a Reducer already in service, disconnect long tube from gauge. Then follow directions, “A”, & “B”. Before applying the bellows to the eye, pump vigorously a few times to assure secure seating of the valve to prevent air leaking. Then release all air. Apply bellows to eye and gently inflate to pressure desired by surgeon.