



A SunMed Brand

HYPERINFLATION ELBOW + INTEGRATED PRESSURE MANOMETER

with adjustable thumb-controlled pressure relief valve

REF **HS4000 / HS4001**

Catalog Number



Not Made
with Natural
Rubber Latex

R_X ONLY
For Professional
Use Only

PHT
DEHP
Contains DEHP

WARNINGS

Only health care professionals trained in CPR and techniques of positive ventilation using a hyperinflation system should use this product.

Constantly monitor patient for effectiveness of ventilation while hyperinflation system is in use.

For Mapleson C breathing systems, the fresh gas flow must be at least 2-3 times the patient's minute volume to avoid rebreathing.

If the Hyperinflation system is equipped with a Pop-Off, it will come activated. To override the Pop-Off feature, insert the tethered cap into the Pop-Off opening. Monitor pressure if using device in "Hi-Press" mode.

PREPARATION FOR USE:

1. Attach user-supplied O₂ reservoir bag to ribbed connection port.
2. Attach oxygen tubing to oxygen inlet port via small tubing adapter. If oxygen tubing is not supplied, user must provide their own oxygen tubing. Attach oxygen tubing to flowmeter.
3. Check for secure fit of all components.
4. Commence oxygen flow. Occlude patient connection port and allow bag to inflate.
5. **Note: Detect position of flow-control valve by observing degree of red indicator exposed; Full Red = Full Valve Closure**

CAUTIONS

This device requires the use of oxygen flow to be operable. Practice establishment safety precautions while oxygen is in use.

Do not attempt to sterilize, autoclave or clean any component of this system.

DIRECTIONS FOR USE:

1. With the patient connection port still occluded, adjust thumb-controlled pressure relief valve while observing the manometer to obtain desired PEEP/CPAP level setting if PEEP or CPAP is required. To assure adequate oxygen flow rate, squeeze bag to desired ventilatory pressure and then release bag to check PEEP level. **NOTE: After each breath the manometer will drop to zero during the expiratory phase and then rise back up to the PEEP level setting just prior to the next delivered breath.** Verify that flow is adequate to deliver desired pressures and respiratory rate. If flow is not adequate, adjust upwards at this time and recheck. Proper settings should be verified prior to connecting to the patient.
2. Attach patient connection port to endotracheal tube, mask or other patient interface device. Settings may need to be adjusted once on patient. Make any necessary adjustments at this time.
3. Ventilate as required.
4. Use the integrated pressure manometer to monitor delivered pressure.
5. The capped pressure monitoring port provides access, if required, for additional pressure monitoring. If additional pressure monitoring is required, user must provide their own pressure tubing. Remove cap and attach pressure tubing.



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with parts made in China by SunMed AP, LTD