




BALLARD* 1500 FLEX HEAT AND MOISTURE EXCHANGER

Instructions for Use

Integrated Flex Tube

 Single Use Only	Rx Only	Storage Temperature: $-30^{\circ}\text{C}/-22^{\circ}\text{F}$  $+40^{\circ}\text{C}/+104^{\circ}\text{F}$	 150
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Indication

The BALLARD* 1500 Flex HME is indicated to provide heat and moisture by capturing expired heat and moisture and returning it to the patient's lungs via inspired gases.

Contraindication

The BALLARD* 1500 Flex HME is contraindicated in patients producing fulminating, frothy secretions within their airways and lungs. The BALLARD* 1500 Flex HME should not be used in conjunction with nebulizers or heated humidifiers.

Instructions for Use

- Change the HME every 24 hours, or sooner if necessary.
- Not for use with nebulizers or vaporizing humidifiers.

⚠ Cautions

- Patient tubing and its connections to the BALLARD* 1500 Flex HME should be properly attached and checked for leakage prior to use.
- During the use of the BALLARD* 1500 Flex HME, the patient should be closely monitored and proper airway care undertaken if complications arise.
- The BALLARD* 1500 Flex HME should be changed every 24 hours or more often as required.
- The patient's need for additional humidity should be evaluated often by medical personnel.
- Before use, verify that the BALLARD* 1500 Flex HME has no occlusions and that air will flow through it.

⚠ Warning

- **The BALLARD* 1500 Flex HME is designed for single use only and should not be cleaned and reused.**
- **Compensation of ventilation may be necessary when using the BALLARD* 1500 Flex HME since it will add 90 ml of dead space to the system.**

Connection of the BALLARD* 1500 Flex HME to Breathing Circuit

The BALLARD* 1500 Flex HME should be placed between the proximal end of the artificial airway and the Y-piece of the breathing circuit.

Connectors ISO STD

Patient: 15mm F

Machine: 22mm F