

# INOvent<sup>®</sup> delivery system

FOR NITRIC OXIDE THERAPY

## INOvent application update #7

### Inspiratory gas sampling in *Hudson RCI* neonatal breathing systems

When sampling in *Hudson RCI* neonatal breathing circuits, specifically designed adapters may be required to integrate the gas sample tee in the inspiratory limb of the breathing circuit.

These adapters are inserted proximal to the wye piece on the inspiratory limb and collectively replace the non-heated section of the neonatal breathing circuit. The gas sample tee is inserted between the adapters as pictured below:

These adapters referenced collectively in the drawing below as "A", are available in single package from:

**Owens-Brigam – p/n N6019**

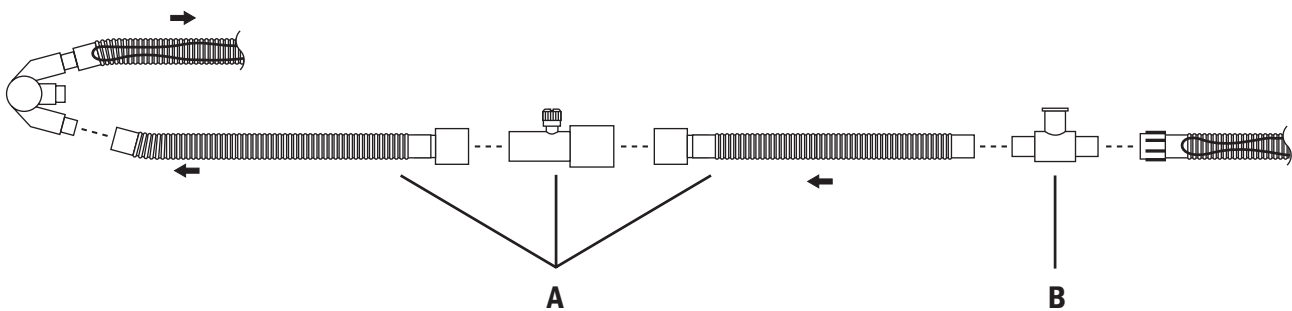
Tel. 1-800-446-3573

The temp probe adapter referenced in the drawing below as "B" is available from:

**Hudson RCI – p/n 1763**

Tel. 1-800-848-3766

It is recommended that these adapters be used only with *Hudson RCI* neonatal breathing circuits.



**A. Owens-Brigam N6019**  
**B. Hudson RCI Neonatal**  
**Temp Probe Adapter 1763**

## Inspiratory gas sampling—overview

The INOvent delivery system provides integrated monitoring of inspiratory gases. The primary components of the integrated monitoring system are the electrochemical sensors, sample pump, display, inspiratory gas sample line and sample tee.

One end of the sample line is connected to the Gas Sample Tee (p/n 1605-3133-000). The sample tee is inserted 6 to 12 inches from the patient wye on the inspiratory limb of the breathing circuit.

Upon switching on the INOvent delivery system, the sample pump activates and continuously draws gas through the integrated monitoring system at a nominal rate of 230 mL per minute. The sampled gas passes over the water trap and NO, NO<sub>2</sub> and O<sub>2</sub> sensors. The monitored values of inspiratory gases are visible on the INOvent delivery system display.

**If you have any questions, please contact  
Datex-Ohmeda Technical Support  
at 1-800-345-2700.**



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