

# Pneumo Flow Sensor Kit

## Model 0310

### Intended Use

The Pneumo Flow Sensor is intended for use in the measurement of patient airflow at the proximal airway of the patient when using a CPAP device. The Pneumo Flow Sensor permits the simultaneous recording of both airflow and CPAP pressure when the device is connected to a pressure transducer and data acquisition system. The Pneumo Flow Sensor Kit is a limited-life device; two single-use hydrophobic (safety) filters must always be used to prevent both the spread of contaminants and moisture damage to the pressure transducer.

### Patient Connection

The end of the Pneumo Flow Sensor with the blue tubing should face toward the patient. It is recommended that a short section of flexible tubing is used between the Pneumo Flow Sensor and the actual patient connection. Position the Pneumo Flow Sensor so that the small tubing is upright to prevent kinking and moisture buildup.

### Warning

The Pneumo Flow Sensor is a limited-life device. The Pneumo Flow Sensor is not sterile when supplied from the manufacturer. It is a clean device. The Pneumo Flow Sensor must be sterilized prior to use.

### Warning

The hydrophobic (safety) filters are single-use devices only. Always use two new hydrophobic filters. The two single-use hydrophobic filters are required to prevent both the spread of contaminants and moisture damage to the pressure transducer.

### Disinfection

1. The Pneumo Flow Sensor is NOT sterile when supplied from the manufacturer. It is a clean device. The Pneumo Flow Sensor must be sterilized prior to use.
2. To sterilize the Pneumo Flow Sensor, disconnect the single-use hydrophobic filters. The Pneumo Flow Sensor can be sterilized using ethylene oxide gas or liquid sterilants (do not use temperatures in excess of 62° C or 145° F - steam autoclaving is not recommended).
3. Ensure that the Pneumo Flow Sensor is completely dry before using. For additional information, refer to the APIC guidelines for selection and use of disinfectants (American Journal of Infection Control, Vol. 18, number 2, April, 1990, p. 99-117).

### Warning:

U.S. Federal law restricts this device to sale by or on the order of a physician. The Pneumo Flow Sensor Kit is for diagnostic use only and is not intended as an apnea monitor.

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