New!

Dual, Oral and Nasal Airflow Pressure / Snore Monitoring Cannulas

A Salter-Style® dual, oral and nasal sensing cannula, which can be used for Airflow Pressure/Snore monitoring during Polysomnography studies. They are popular when monitoring spontaneously breathing patients and have proven particularly effective when a patient may be switching back and forth from mouth to nose breathing. The elongated mouth sampling prongs are available with an integral non-ferrous wire, which can be configured for a custom anatomical fit. Available in Adult and Pediatric sizes. This cannula senses Airflow Pressure and Snore with all four oral/nasal prongs. It is available with a male/female Luer Lok® connector or an optional Hydrophobic, Anti-Microbial Filter.

- Multiple monitoring sites
- Adjustable oral sampling prongs
- Simultaneous Oral/Nasal Airflow Pressure/Snore Monitoring
- All adult Sleep Diagnostic Cannulas feature the patented Salter Eyes® which help to assure the pressure waveform signal

Salter-Style® cannulas the worldwide clinical standard for comfort and efficacy.

Part Number 5013

U.S. and Worldwide patents pending
Compared to thermistors, nasal pressure yields a significantly higher detection rate of sleep disorder breathing events...

Salter-Style® sleep diagnostics cannulas deliver the airflow pressure signal to the pressure transducer device. It will split the signal into airflow pressure and snore waveforms for your lab based or portable PSG systems. There is a cannula configured for virtually any breathing pattern, mouth and nose, nose only, mouth only or for the patient that switches back and forth.

Salter-Style® sleep diagnostics cannulas are available in a wide array of models, configurations and sizes. They all are designed to meet the variety of unique requirements common to a sleep study. Our cannulas are designed to comfortably fit from pediatric to adult patients. Each style cannula is designed to provide the best possible patient signal for a pressure transducer device to process. This device in turn splits the signal into Airflow Pressure and Snore waveforms and passes that on to your lab based or portable PSG systems. There is a cannula configured for virtually any breathing pattern, mouth and nose, nose only, mouth only or for the patient that switches back and forth.

**Easy to put on:**
The process of putting on a cannula, should not intimidate the patient. It should be an easy and simple process to reduce or prevent anxiety. The clinician or patient should be able to easily make adjustments for a comfortable secure fit, to obtain the optimum Airflow Pressure/ Snore waveform signal.

**Comfortable to wear:**
The patient very quickly becomes unaware of it’s presence, because it fits naturally and should not hinder the sleep process.

**Stays in place:**
The cannula must remain in position and register the breath by breath signal data for the pressure transducer throughout the entire study. It must be able to accommodate patient movements and still deliver meaningful information for interpretation. No lost data or need to repeat a study!

**Cost effective:**
All Salter Labs® cannulas are Latex Free, single patient use cannulas. No more cleaning re-packaging and operational testing of each thermistor and microphone before putting it into service. All to often thermistors and microphones break or are damaged well before an adequate return on their cost has been achieved. More and more studies are concluding that airflow pressure transducers provide equal or superior signal data as compared to thermistors. In some cases Nasal Cannulas will provide data that cannot be sensed and recorded by thermocouple devices. It is simply the different capabilities of the two devices. Pressure transducers will track and record all the changes in airflow as they occur, while a thermistor type shows the overall trend of the temperature deviations. New generations of reasonable cost pressure transducers offer superb reliability and accurate pressure ranges that previously were available only with costly research pressure transducers.

**Simple to use:**
Place the over the ear style cannula on the patient and position it comfortably for them.
Breath patterns generated by pressure transducer-based airflow are more responsive to realtime flowrate changes during breathing and are more sensitive to detect hypopneas.

Snore sound patterns can be distinguished from normal breathing with a single pressure transducer-based system.

Cross contamination:
The cannula is a disposable, one time, single patient use device. All Salter Labs® cannulas are available with optional single use .2 micron hydrophobic, anti-microbial filter.

Adult and Pediatric sizes:
Experience has shown that many elderly or small featured adult patients are more comfortable with a pediatric size. It is important to use a size that is most comfortable for the patient. Some models are available with the ability to transmit simultaneously Airflow Pressure / Snore to the pressure transducer as well as End Tidal CO₂ (ETCO₂) samples to a capnograph. It has been reported ETCO₂ data can be very relevant with pediatric patients².³.

Adjust the slide bolo for a secure and comfortable fit. Connect the signal transmitting 7 foot tube to the pressure transducer signal processing device. This device splits the signal and provides airflow pressure and snore output to the recorder being used to produce clear, concise waveforms for evaluation.
### Units with Male/Female Luer Lok® Connector Hydrophobic Filter*

**Adult cannula with curved nasal prongs, with non-ferrous wire in the oral prongs, one (1) 7' tube and optional hydrophobic filter**

- **Units per Case**: 25
- **Order Code**: #5014
- **Option Code**: #5013

**Adult cannula with curved nasal and oral prongs, no wire in the oral prongs, one (1) 7' tube and optional hydrophobic filter**

- **Units per Case**: 25
- **Order Code**: #5016
- **Option Code**: #5015

**Pediatric cannula with curved nasal prongs, with non-ferrous wire in the oral prongs, one (1) 7' tube and optional hydrophobic filter**

- **Units per Case**: 25
- **Order Code**: #5034
- **Option Code**: #5033

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*The hydrophobic, anti-microbial filter has a diameter of 13 mm, with a .2 µ filtering capability to protect the patient, clinician, and instrumentation.*

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**FOOTNOTE REFERENCE LIST:**

2. S.L.Cunningham, S.A. Shear, D.P. White; Comparison of nasal pressure and thermistors recordings in detection of sleep disordered breathing events. SLEEP vol. 121, Sept 2002
3. J. Montserrat, M.D., R. Farre, Ph.D.; Breathing Flow Disturbances during sleep; AJRCCM 2002;166;259-260
6. T.J. Malloy, RPSGT; Role of Capnography in the Sleep Lab; Advance for Managers of Respiratory Care vol. 13 p 14 May, 2002

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**Comparison at a Glance**

| Salter Style® 
Diagnostic Cannulas | Thermistor | Pneumotachography |
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**Ordering Information**

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**ISO 9001 & ISO 13485**

**Authorized Representative in the E.U.:**

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**U.S. and Worldwide patents pending**

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