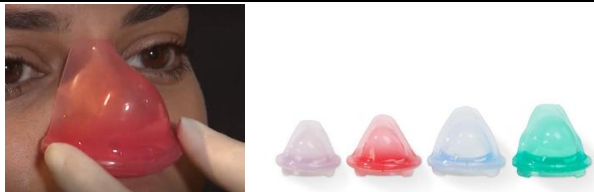







Quick Start Guide for Using the Porter Silhouette™ Breathing Circuit Second Generation

Visit www.porterinstrument.com/silhouette to view step by step instruction videos and to access a complete Instruction Manual

1. Instructions

1	Before placing the mask on the patient, adjust the flowmeter to 100% O ₂ ensuring the patients first breaths are 100% O ₂ .	
2	Place the color-coded sizer masks over the patient's nose to determine appropriate mask size for the patient. Select appropriate size Silhouette circuit.	
3	Pull the slide bolo down to create a loop large enough to place behind the patient's ears.	
4	Slightly flex the mask outwards and place nasal barb into the right nostril. Ensure nasal barb is inserted fully.	
5	Rotate the nasal hood down over the nose until contact is made and release the mask so that it wraps down on the bridge of the nose.	
6	Gently pull tubing over the top of the patient's ears and under the patient's chin. Do not pull tubing behind the headrest.	
7	Adjust the bolo by sliding it up under the patient's chin until the bolo is snug. Adjust tubing on the patient cheeks as needed (may need to flex tubing down).	
8	The Silhouette tubing should come down the patient's chest. Attach to the Fresh Gas and Vacuum Tubing. Use the Clip to secure the Fresh Gas and Vacuum Hose to side of chair or to patient clothing.	
9	If End-tidal CO ₂ (ETCO ₂) monitoring is being used, attach capnography barb (SIL2-CAPNO) to sample line luer lock. Then insert capnography barb into capnography port of the Silhouette nasal hood. SIL2-CAPNO sold separately.	

10	Instruct the patient to inhale and exhale through their nose. Avoid mouth breathing and talking.
11	Begin N ₂ O titration. Recommended total flows to start: <ul style="list-style-type: none"> • Pediatric – 4 lpm • Female – 5 lpm • Male – 6 lpm Adjust to desired effect.
12	If patient shows signs or communicates conditions of over-sedation, adjust the flowmeter to 100% O ₂ . If conditions persist encourage mouth breathing and remove the mask.
13	Adjust to the low-end range of vacuum control device and monitor the vacuum conditions during the procedure to maintain effective scavenging. Vacuum flow set too high or low will impact Silhouette effectiveness.
14	Upon completion of the procedure, remove the Silhouette circuit from the patient and dispose of. Note: Do not dispose of the reusable accessories.

2. Cleaning

The Silhouette Breathing Circuit is a **single-use disposable device** and should not be reused. The accessories (Silhouette Sizer Masks and Fresh Gas and Vacuum Tubing) are reusable and must be cleaned between each use. **Refer to FM-1500 for complete validated cleaning instructions.**



WARNING: When using single-use breathing circuits or components, dispose of after the procedure to prevent patient cross-contamination. Do not attempt to clean, sterilize, sanitize, or reuse.

3. Safety Information



WARNING: This product can expose you to chemicals, including alpha methylstyrene, which is known to the State of California to cause cancer and reproductive harm. For more information, go to www.P65Warnings.ca.gov.



WARNING: Do not use this device for the administration of general anesthesia or as part of, or in conjunction with, a general anesthesia administration system.



WARNING: Workers exposed to nitrous oxide may suffer harmful effects. The healthcare professional is responsible for employing proper techniques, such as scavenging, room ventilation, system maintenance, and patient compliance to reduce exposure (ACGIH recommends a Threshold Limit Value of 50 parts per million over an 8-hour time-weighted average)



WARNING: The Silhouette Breathing Circuit, Second Generation used with the delivery of Oxygen (O₂). Therefore, when this device is used in conjunction with energy producing devices (such as lasers, radio frequency sources, or other heat sources), the user must adhere to the instructions for use of those devices to avoid ignition of combustible materials.



WARNING: The healthcare professional should observe the patient to prevent over sedation in the event of an O₂ failsafe malfunction or a crossed lines situation. If a patient becomes overly sedated when being delivered 100% O₂, immediately remove the mask and encourage mouth breathing. This is an indication of a failsafe malfunction or crossed lines. In this case, only deliver pure O₂ from an independent source.



WARNING: Always use clean, dry, medical grade gases, and never oil or grease any part of the device.



Visit our website: <https://www.porterinstrument.com/silhouette> for additional information. To download Instructions for Use: visit <https://www.porterinstrument.com/dental-support> Choose “Breathing Circuits” from the dropdown within the “Product Download” section.

Refer to FM-1500 for complete instructions and safety information.

