



Parker Hannifin Corporation  
Precision Fluidics Division  
245 Township Line Rd.  
Hatfield, PA 19440 USA  
(215) 723-4000 / fax (215) 723-5106



## USING THE PORTER SILHOUETTE BREATHING CIRCUIT

1. Use Silhouette Reusable SIL-CONN-KIT Connector Kit. Attach smaller diameter hose end to cannula barb or flowmeter adapter. Attach larger diameter hose end to Porter AVS or other vacuum source.
2. Place colored sizer masks over the nose to determine appropriate mask size for the patient. Sizers may be sterilized after each use.
3. The Silhouette disposable breathing circuit is packaged in a color-coded box and is first removed from the box for placement on the patient.
4. Prepare for placement of the mask on the patient's nose by removing the adhesive cover tab from the mask.
5. Pull the slide bolo down to create a loop large enough to place behind the patient's ears.
6. Place nasal cannula fully into the right nostril, flexing the mask as needed.
7. Rotate the mask down over the nose until contact is made.
8. Compress the mask adhesive at the bridge of the nose. Verify good seal is achieved around the entire mask.
9. Place the tubing over the top of the left and right ear.
10. Move the slide bolo up until the circuit is snug against the patient's neck.
11. Connect circuit union (diameter indexed) to gas and vacuum reusable hoses.
12. Observe overall position of the patient, mask, and circuit for proper positioning with good mask seal and no evidence of tubing kinking. Use Clip Strap on Reusable Hose.
13. If End tidal CO<sub>2</sub> (EtCO<sub>2</sub>) monitoring is being used, disconnect the cap at the end of the disposable breathing circuit and attach the EtCO<sub>2</sub> male Luer lock sample line.
14. You are now ready to turn on your Nitrous Oxide flowmeter.



After patient's treatment is completed, dispose of the Silhouette breathing circuit (36" disposable section only).



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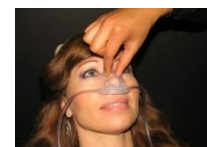
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website: [www.porterinstrument.com/silhouette](http://www.porterinstrument.com/silhouette)  
Phone: 215-723-4000



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This product complies with the Medical Device Directive (93 / 42 / EEC).

A "Declaration of Conformity" in accordance with the directive has been made and is on file.

European Communities should contact the Authorized Representative listed below regarding any Medical Device Directive (MDD) inquiries.



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### PORTER SILHOUETTE BREATHING CIRCUIT



**Silhouette-PD, Silhouette-SM, Silhouette-MD, Silhouette-LG**

Reorder Part Number: SIL-PEDO-12, SIL-SM-12, SIL-MED-12, SIL-LG-12, SIL-VAR-4X3 (Case of 12 Circuits)

Contents: One (1) Analgesia Disposable Breathing Circuit

Rx Only: Circuits for use by a physician or licensed healthcare Professional.

Disposable Circuit is for use with SIL-CONN-KIT with Reusable Paratubing (B-5581-001), Cap (62905510W), Adapter (PA-1629-000; 22 mm x 5-7 taper), Strap (PA-1630-000)



**Contents Not Sterile**

**Single Patient Use**



**Not made with natural rubber latex**



The Circuit provides a luer lock sample line connection to allow etCO2 capnography monitoring during the administration of nitrous oxide / oxygen conscious sedation to a patient.



Warning: If not monitoring capnography, the luer lock must be capped (included) to avoid N2O from leaking into the room.

For more details, read FM-1313 User Instructions for Assembly, Installation, and Cleaning for Porter Scavenger System using the Silhouette Breathing Circuit

#### Porter Silhouette suggested instructions

1. Follow Flowmeter directions for use.
2. **How much total flow to start?** A general determination is the "4-5-6 Rule" where 6 is the liters per minute (lpm) for an average male, 5 is the lpm for the average female, and 4 is the lpm for a child [values represent Minute Breathing Volume] (typical procedure begins with 100% O2 and then moves to a chosen N2O mixture percentage).
3. Simply increase flow if more sedation is needed.
4. Or increase the N2O mixture percentage at a lower flow.
5. Always remind the patient to refrain from mouth breathing.
6. If delivered gas into the nostril is not comfortable, move to a lower flow rate and increase mixture percentage to maintain sedation level.

Applicable with or without the use of a Bag Tee (with 3-Liter Breathing Bag capped off).

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