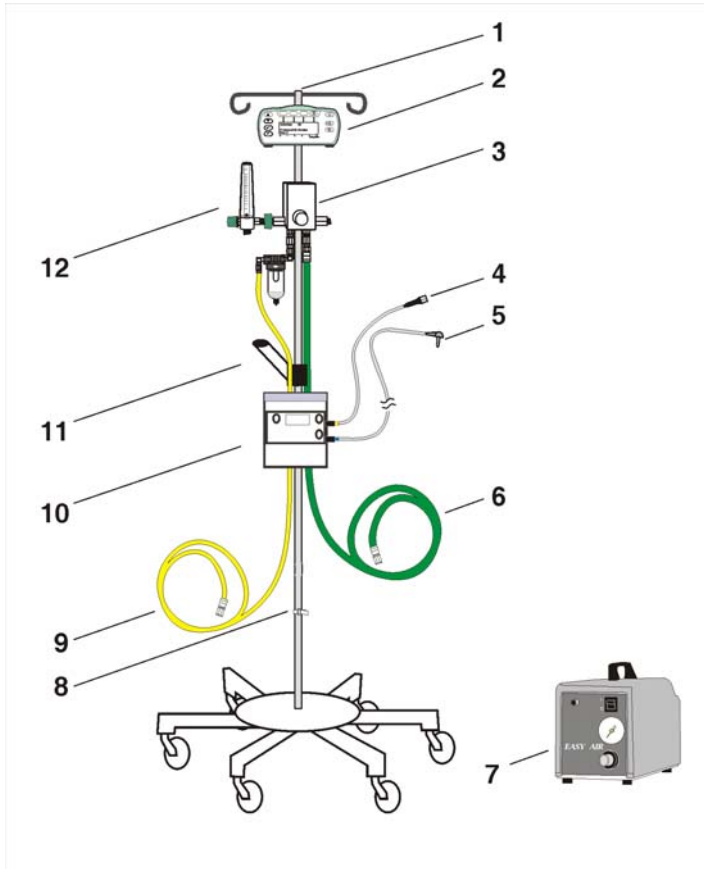


## System Components

The Cadence Self-Breathing System is made up of Hardware Components and Patient Circuit Components.

### Hardware Components



The following items are included with the Cadence System:

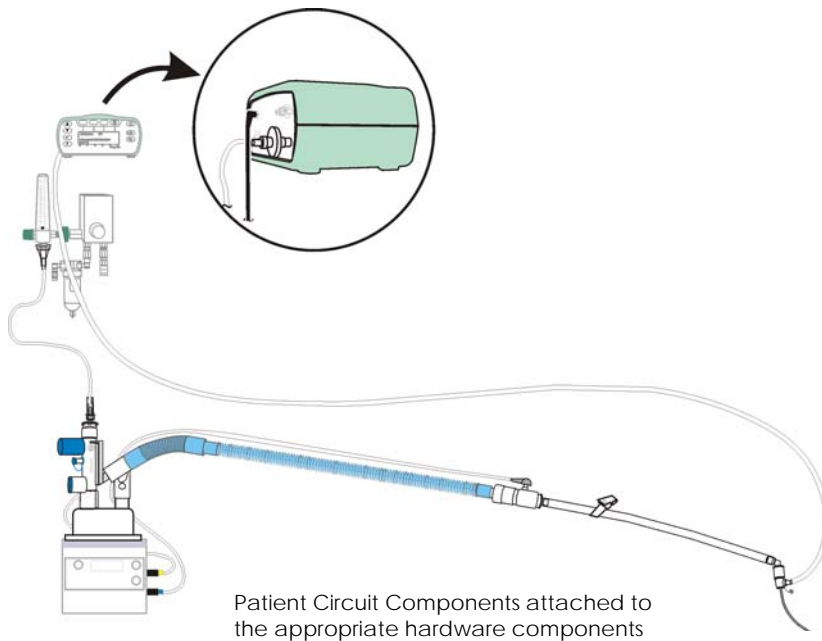
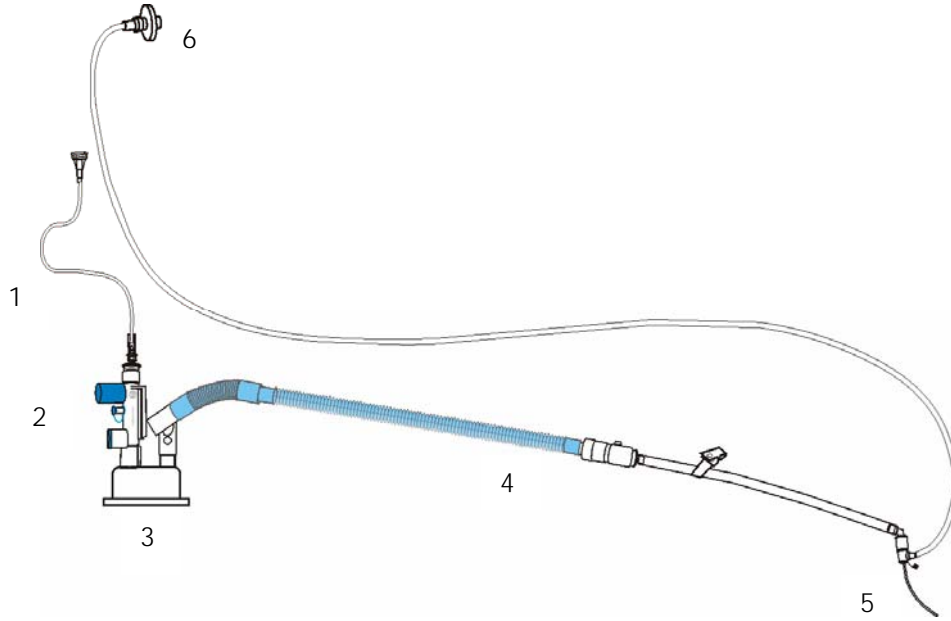
<p><b>1</b></p>	<p><b>Medical Stand. (P/N 1024907)</b></p> <p>The Medical Stand is used for attaching and securing components which include the Airway Pressure Monitor (2), Low Flow Air/O<sub>2</sub> Blender (3), and Humidifier (10). The stand base is supported by six 3-inch full motion casters. The stand has a telescoping post with two detachable hooks. Separately, each section of the center post is 50 inches in length with a combined extendable length of 96 inches. The detachable hooks add 2 inches to the height of the center post.</p>
<p><b>2</b></p>	<p><b>Airway Pressure Monitor (P/N 8-100325-00)</b></p>

	<p>The Criterion<sup>®</sup> 40 Airway Pressure Monitor with available alarms allows the clinician to monitor airway pressure at the Cadence Catheter luer port through a pressure line. Airway Pressure Monitor attaches to Medical Stand (1) via a pole mount. For details regarding the Remote Alarm features of Criterion 40 refer to Criterion 40 Pressure Monitor User's Manual.</p>
<b>3</b>	<p><b>Air/O<sub>2</sub> Blender (P/N 1024936)</b></p> <p>The Air/O<sub>2</sub> Blender allows the clinician to manually adjust the FIO<sub>2</sub> from 21-77% with a dial on the front of the unit. The blender attaches to the Medical Stand (1) via a pole mount (provided but not shown in diagram).</p> <p>NOTE: A CAUTION label is affixed to the blender stating "To reduce the risk of oxygen toxicity do not exceed 77% Oxygen".</p>
<b>4.</b>	<p><b>Heated Wire Electrical Adapter (P/N 1024934)</b></p> <p>The Heater Wire Adapter is a part of the automatic regulation of humidification and heating of gas flowing through the disposable heated wire circuit. It attaches to the Humidifier (10) via a color-coded plug.</p>
<b>5</b>	<p><b>Temperature Probe (P/N 1025039)</b></p> <p>The Temperature Probe is a part of the automatic regulation of humidification and heating of gas flowing through the disposable heated wire circuit. It attaches to the Humidifier (10) via a color-coded plug.</p>
<b>6</b>	<p><b>Oxygen High Pressure Hose (P/N 1024915)</b></p> <p>High Pressure Hose for connection from Oxygen Wall Source to Air/O<sub>2</sub> Blender (3).</p> <p>NOTE: Quick Connect adapters for wall outlet are not provided.</p>
<b>7</b>	<p><b>Precision Medical Easy Air Compressor (P/N 1024944)</b></p> <p>Provides medical grade air when wall air is not available.</p> <p>WARNING: Use only medical grade dry air and oxygen at a supply pressure measuring between 40 - 60psi. Do not allow supply pressures for either air or oxygen greater than 60 psi or less than 40 psi.</p> <p>CAUTION: If using the external compressor unit (Precision Medical Easy Air), do not operate the Cadence Self-Breathing System or the external compressor without having the cooling coil and condensation trap in place.</p>
<b>8</b>	<p><b>Tie Down Straps (P/N 1027419)</b></p> <p>Tie down straps have been included to assist in managing power cords from the different components.</p> <p>WARNING: Hoses, power cords, or pressure tubing laid across the floor could cause a tripping hazard resulting in injury.</p>

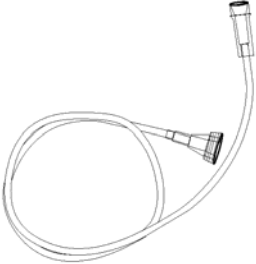
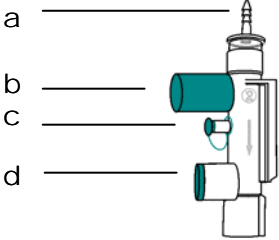
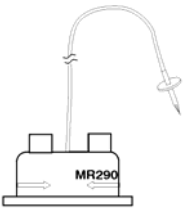
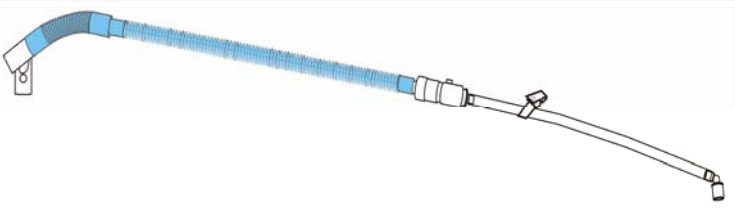

<p><b>9</b></p>	<p><b>Air High Pressure Hose (P/N 1024917)</b></p> <p>High Pressure Hose for connection from Air Source to Air/O<sub>2</sub> Blender (3).</p> <p>NOTE: Quick Connect adapters for wall outlet are not provided.</p> <p>NOTE: A water trap must be used on the air input of the Air/O<sub>2</sub> Blender at all times with the Cadence Self-Breathing System.</p>
<p><b>10</b></p>	<p><b>Humidifier (P/N 1024908)</b></p> <p>The Humidifier allows for humidification and heating of the inspired gas. Humidifier attaches to the Medical Stand (1) via a mounting bracket (provided but not shown).</p>
<p><b>11</b></p>	<p><b>Accessory Arm (P/N 1029638)</b></p> <p>A 6-inch stainless steel arm mounted to the medical stand, pointing upward at a 120° angle acts as a hook for hanging hoses, power cords and tubing.</p> <p>WARNING: Hoses, power cords, or pressure tubing laid across the floor could cause a tripping hazard resulting in injury.</p>
<p><b>12</b></p>	<p><b>Flowmeter (P/N 1024935)</b></p> <p>The Flowmeter allows the clinician to manually adjust the flow rate in the range of 0 to 15 L/min (6 to 15 L/min for Cadence Self-Breathing System). Backpressure compensated flowmeter attaches to the leftside of the Air/O<sub>2</sub> Blender (3) via an oxygen outlet adapter on the unit.</p>
	<p><b>Oxygen Source (not shown)</b></p> <p>The Cadence Self-Breathing System requires medical grade oxygen from wall source or oxygen tank.</p>

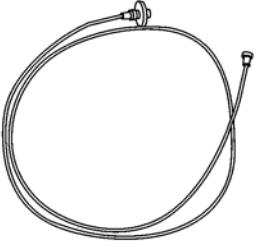
## Patient Circuit Components

The patient circuit components are single-use products designed for the Components Cadence Self-Breathing System.



## Patient Circuit Components

1		<p><b>Oxygen Tubing (1)</b> with built in flowmeter connector (2 foot)</p> <p>Included in patient circuit kit <b>P/N 1028232.</b></p>
2		<p><b>40 cm H<sub>2</sub>O Pressure Relief Valve Manifold with Barbed Nipple Adapter (15 mm) (1)</b></p> <p>a. Barbed nipple adapter (inlet port)</p> <p>b. Pressure relief valve</p> <p>c. Pressure monitor port</p> <p>d. Oxygen monitor port</p> <p>Included in patient circuit kit <b>P/N 1028232.</b></p>
3		<p><b>MR290 Humidification Chamber (1)</b> with autofeed line</p> <p>NOTE: Additional MR290 chambers should be obtained from a local supplier.</p>
4		<p><b>Heated Wire Patient Circuit (15mm x 6 foot) and Cadence Mid-Section Hose (15 inches) (1)</b></p> <p>Included in patient circuit kit <b>P/N 1028232.</b></p>
5		<p><b>Cadence Transtracheal Catheter</b></p> <p>Sizes 11.5, 13.5 or 15.5 cm) (1) are sold separately from the patient circuit.</p> <p><b>11.5 cm P/N 1025010</b></p> <p><b>13.5 cm P/N 1024999</b></p> <p><b>15.5 cm P/N 1024960</b></p>

6		<p><b>Airway Pressure Monitor Line and Filter (1)</b></p> <p>Included in patient circuit kit P/N 1028232.</p>
	Not shown	<p><b>Portex Blue Line Fenestrated Tube (Size 7, 8 or 9 mm)</b></p> <p><b>7mm, Portex Fenestrated Tube P/N1025037</b></p> <p><b>8mm, Portex Fenestrated Tube P/N 1025014</b></p> <p><b>9mm, Portex Fenestrated Tube P/N1025011</b></p> <p>WARNING: Use only Portex Blue Line Fenestrated Tracheostomy Tube (size 7, 8, or 9).</p>
	Not shown	Medical Grade Sterile Water Bag