

Atlan family Breathing System Disassembly/Assembly



Disassembly

Prerequisite: Remove accessories (CO₂ absorber, filter, breathing hoses, etc.)

Configuration with insp. O ₂ sensor		Configuration with patient gas module	
<p>1 Turn the O₂ sensor counterclockwise and take it out.</p>	<p>2 Turn the knurled nut counterclockwise. Remove the sensor cap.</p>	<p>3 Turn the sealing cap counterclockwise and plug it into the holder.</p>	<p>4 Turn the three light green levers counterclockwise. Remove the breathing system vertically upwards.</p>
<p>Insert the O₂ sensor into the sensor port and turn it clockwise.</p> <p>12</p>	<p>Place the sensor cap on the O₂ sensor. Turn the knurled nut about 90° clockwise.</p> <p>11</p>	<p>Seal the O₂ sensor port with the sealing cap. Turn it clockwise.</p> <p>10</p>	<p>Insert the breathing system vertically onto the breathing system mount. Turn the three light green levers clockwise.</p> <p>9</p>
<p>5 Remove piston diaphragm from the ventilator.</p>	<p>6 Unscrew the CLIC adapter.</p>	<p>7 Insert the cleaning disk into the adapter. Close the adapter so that it engages.</p>	<p>8 Unscrew the inspiratory/expiratory ports and remove the flow sensors.</p>
<p>Insert the piston diaphragm. Make sure that the Dräger inscription on the base is visible.</p> <p>8</p>	<p>Screw the CLIC adapter to the lower part of the breathing system.</p> <p>7</p>	<p>Remove the cleaning disk from the adapter. Close the adapter so that it engages.</p> <p>6</p>	<p>Insert the flow sensors and tighten the inspiratory/expiratory ports.</p> <p>5</p>
<p>9 Turn the three grey levers counterclockwise. Lift off the upper part of the breathing system.</p>	<p>10 Unscrew the APL valve.</p>	<p>11 Remove the valves (yellow and blue)</p>	<p>12 Turn the black valve counterclockwise and remove it.</p>
<p>Place the upper part of the breathing system on the lower part.</p> <p>4</p>	<p>Reattach the APL valve and tighten it with the knurled nut.</p> <p>3</p>	<p>Align the valves correctly. Insert the valves.</p> <p>2</p>	<p>Insert the black valve and lock it by turning it clockwise.</p> <p>1</p>

Assembly

Atlan family Breathing System Reprocessing Instruction



	Disinfection by immersion	Machine cleaning and disinfection	Sterilization, max.137°** (optional, if needed)
<p>D-16088-2018</p> <p>Image includes the O₂ sensor cap (down right). The sensor cap exists only when configured with inspiratory O₂ sensor.</p>	N/A	✓	✓
<p>For machine cleaning, position each valve as shown.</p> <p>D-5728-2018, D-5732-2018</p>	N/A	✓	✓
<p>* </p> <p>D-41882-2012</p>	✓	✗	✗
<p>* </p> <p>D-23802-2015</p>	✓	✗	✗
<p>* </p> <p>D-41885-2012</p>	✓	✗	✓

Position components so that all interior spaces and surfaces are completely flushed and water can drain off freely.

* For details regarding the reprocessing of the flow sensors please follow the information in the associated instructions for use.

** Sterilization and other additional reprocessing procedures have not been tested by Dräger with regard to their effectiveness.

However, the materials of the components, shown in the illustration permit a steam sterilization up to a maximum of 137 °C (278.6 °F)

Visual check

D-16088-2018

D-5737-2018

D-5734-2018

The following parts must be free of deposits:

- incident flow meshes
- valve plates (black, blue and yellow)

If required, remove any residues on the valve plates with a soft cloth. If the incident flow grills are damaged, contact DrägerService®.

This guideline does not replace the instruction for use.