Continuous Nebulization Tube Set
Tubing: AG-AS3075 and Syringe: AG-AS3085

The Aerogen Continuous Nebulization Tube Set is an accessory specific to the Aeroneb® Solo nebulizer which enables safe continuous infusion of liquid medication for aerosolization.

Instructions as per Figure 6.

**NOTE:** Place the syringe cap (1) on the syringe (2) after it is filled with medication.

1. Ensure the Aeroneb® Solo nebulizer unit (3) is firmly fitted into the Aeroneb® Solo T-piece (4) in the breathing circuit.

2. Remove the syringe cap (1) from the medication-filled syringe.

3. Attach the syringe end of the tubing (5) onto the syringe (2).

4. Prime the tubing (6) until the medication reaches end of tubing (Point A). **NOTE:** The tubing priming volume is maximum 3.65 mL.

5. Unplug the tethered cap (7) from the Aeroneb® Solo nebulizer (3), but do not remove it from the nebulizer.

6. Screw the nebulizer end of the tubing (8) onto the top of the nebulizer.

7. Insert the syringe filled with medication into the syringe infusion pump (pump not shown in Figure 6).

8. Turn on the continuous mode option on the Aeroneb® Pro-X control module (refer to Aeroneb® Solo System instruction manual) and turn on the infusion pump (refer to pump manual or manufacturer for guidance).
9. Observe nebulizer for proper operation. During continuous nebulization, the nebulizer is on continuously and the medication is nebulized on a drop by drop basis. Nebulization should be visible with regular intermittent pauses. Medication level in the nebulizer reservoir should not rise during use.

**NOTE:** The manufacturer’s recommended input rate of medication into the Aeroneb® Solo nebulizer during continuous nebulization is 0.2mL per minute or 12mL per hour. This is based on the manufacturers specification for the lowest acceptable nebulizer flow rate. For directions on determining flow rates, refer to the Optional Flow Rate Calculation method in the Functional Test section, page 30.

**CAUTION:** It is important to ensure that the maximum flow rate through the tube set into the nebulizer must not exceed the output rate of the nebulizer.

![Diagram of nebulizer setup](image)

**Figure 6: Connecting tubing and syringe to the Aeroneb® Solo for continuous nebulization**
Warnings

Read and study **all** instructions before using the Continuous Nebulization Tube Set system. Only appropriately trained medical personnel should operate the Aeroneb® Solo and the Continuous Nebulization Tube Set device.

The device is for single patient use only and is not to be used on more than one patient to prevent cross infection.

Do not use if there are any signs of cracks, damage or foreign matter.

Do not attempt to connect the system to any nebulizer other than the Aeroneb® Solo.

Do not attempt to connect the tubing or syringe to any non-respiratory apparatus.

The Aeroneb® Solo system is intended to be used with physician-prescribed solutions for inhalation that are approved for use with a general purpose nebulizer.

Check for leaks from the system prior to and during use.

The device is non sterile.

The graduations on the syringe are for indication use only.

Store at room temperature and use product within labelled shelf life.
Cautions

Refer to Figure 6.

The recommended syringe pump software setting with the Aerogen syringe is typically the “BD Plastipak” setting. This must be validated locally before use. Refer to pump manual or manufacturer for guidance. These pumps may also be used in accordance with local hospital or ward policies.

Ensure that the tethered silicone plug (7) is attached to the Aeroneb® Solo (3) when connecting tube set.

Ensure that the tubing (6) is safely orientated to prevent a trip hazard.

Rising level of medication in the reservoir may occur if the Aeroneb Solo nebulizer is turned off while the feed system is still on or the nebulizer is not in its recommended orientation.

The level of the medication in the reservoir of the Aeroneb Solo nebulizer should be periodically monitored to ensure that the fill rate of medication does not exceed the output rate of the nebulizer. A rising level of medication in the reservoir indicates that the fill rate is exceeding the output rate of the nebulizer.

Do not clean or sterilize the device.

Replace the tube set and syringe when changing the type of medication.