

This is a short instruction manual how to assemble the new valve system for the smart PFT Nebulizer.

Please note that the Devilbiss nebulizer and the corresponding T-Valve is not available anymore, so any new device will be sent with this new valve and a new type of nebulizer (Respironics). The new valve and the nebulizer pot can be also used with old smart PFT Nebulizer. In this case the Tube-Set needs to be replaced and a stand adapter needs to be bought separately.

Please also note that the medication output is different than the output of Devilbiss. Devilbiss 646 has with our system an output around 10 mg (10 µl) the new nebulizer pot from Respironics has an output around 5,5 mg (5,5µl).

The new valve has also 3 big advantages:







1. No Filter and Mouthpiece adapter is needed
2. Unlike the old T-Valve it can not be mounted in a wrong direction
3. There is no extra rubber band needed to hold the nebulizer pot in place



Figure 1 Completely assembled nebulizer valve without tubes connected

Assembling of smart PFT nebulizer valve system

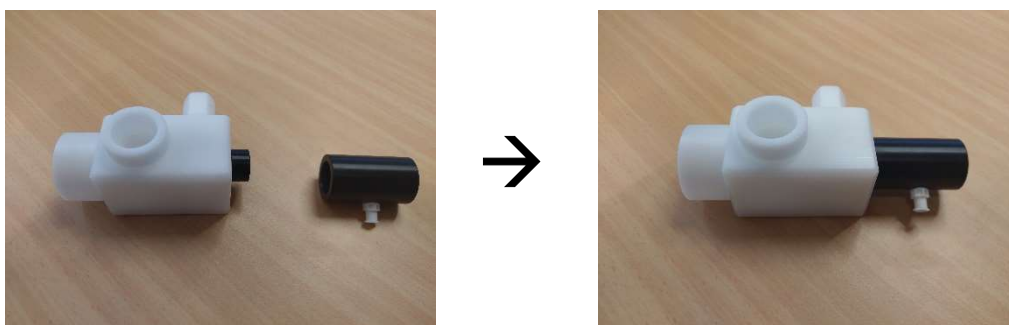
The new nebulizer valve consists of the following Parts:

MEE Part Number	Description	Quantity	Picture
21107	Reusable Nebulizer from Respirationics	1	
21108	Valve System (Valve-Block): This is the main block where all parts will be connected to	1	
21105	Flow Adapter: Enables the connection of the breathing recognition	1	
21111	Oval Plastic Mouthpiece	5	
	PFT-Filter from the company Lemon Medical (Pulmosafe) , not included in the package	0	
21109	Tube Set for smart pft nebulizer (1.8m)	1	
21112	Stand adapter nebulizer Only needed for upgrading systems	0 or 1	

Assembling of smart PFT nebulizer valve system

To use the new Valve please do the following steps:

1. Connect the Flow Adapter to the Valve Block. The Adapter just needs to be pressed onto the black connector on the Block. Please make sure that the adapter sits tight, so that no leakage can occur,



2. Then you can connect a Filter to the top of the block.



Assembling of smart PFT nebulizer valve system

3. Now we can connect the nebulizer to the big tube and the flow adapter to the small tube.



4. To Fill the nebulizer with a medication you can just screw the opt open and fill in the medication. Please be careful to not overfill the pot. You will find marking on the transparent site that indicates the maximum filling.



Assembling of smart PFT nebulizer valve system

5. Now you can also connect the pot to the valve-block. Here also make sure that the pot sits tight on no leakage can occur.



6. Finally, you also can connect the mouthpiece to the valve-block a start the measurement.



7. At the end you can connect the whole system to the nebulizer stand. For connection please use the fixed hexagon part of the vent-block.



8. In case you have an older stand you need to use the stand adapter to fit the ne valve system.

