

SoClean vs. Lumin and VirtuClean

Why Sell SoClean

More Profitable for Your Business, Better for Your Customer

When choosing a CPAP cleaning device for your CPAP equipment it is important to make sure that you know all the facts of what is really being cleaned and what is not. SoClean took extra care in deciding to use ozone for its sanitizing process because your safety and the sanitizing effectiveness is our top priority.



	Lumin	VirtuClean	SoClean
Bacterial Pathogen Log Reduction*	99%	46% <i>(Based on independent laboratory tests)</i>	99.9%
Disinfects Mask†	Yes	No	Yes
Disinfects Hose†	No	No	Yes
Disinfects Complete Unit (without disassembly)*	No	No	Yes
Completely Automated	No	No	Yes
Mercury Free***	No	Yes	Yes
Adapter for one-step, no disassembly sanitizing	No	No	Yes
30 Day Risk Free Trial	Yes	No	Yes
Reoccurring Revenue	No	No	Yes
Original Manufacturer	No	No	Yes
One-Step Sanitizing	No	No	Yes
	<i>Multiple cycles required (5 min. each) to sanitize humidifier chamber, mask, & exterior only of CPAP Hose.</i>		
Disinfection Process**	UV-C Radiation	Ozone	Ozone
Warranty	24 months	18 months	24 months
Converts Ozone back to O ₂	n/a	No	Yes

RESOURCES

*90% 1 Log reduction: Number of germs is 10 times smaller
 99% 2 Log reduction: Number of germs is 100 times smaller
 99.9% 3 Log reduction: Number of germs is 1000 times smaller
 99.99% 4 Log reduction: Number of germs is 10,000 times smaller
 99.999% 5 Log reduction: Number of germs is 100,000 times smaller
 99.9999% .. 6 Log reduction: Number of germs is 1,000,000 times smaller

**OZONE vs. UV LIGHT: UVGI can be used to disinfect air, water, and surfaces, although surface disinfection is limited by microshadows and absorptive protective layers. Source: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2789813/>

Harnessing ozone in a secure, controlled manner, for disinfecting purposes has no harmful effect on humans or the environment. And, SoClean's disinfecting process ensures ozone is completely contained while disinfecting and is naturally eliminated after two hours. Ozone gas does not have the limitation UV light does and does not contain mercury.

***Mercury must be handled with extreme care and disposed of properly. "Mercury may have toxic effects on the nervous, digestive and immune systems, and on lungs, kidneys, skin and eyes." Source: <http://www.who.int/en/news-room/fact-sheets/detail/mercury-and-health>

"At low vapor concentrations over a long time, neurological disturbances, memory problems, skin rash, and kidney abnormalities may occur." Source https://www.cdc.gov/biomonitoring/Mercury_FactSheet.

+According to Lumin's Manual the device does not clean the hose. A CPAP hose is a large breeding ground for bacteria, germs, and pathogens. If the hose is not cleaned it can contaminate the reservoir, mask, and the air the CPAP user breathe because the air still travels through the hose. Source (Pg. 7): http://3bproducts.com/wp-content/uploads/2018/03/Lumin-manual_web.pdf

While UV is effective at inactivating a wide range of microorganisms, there are limitations for its use. As it involves light waves, UV operates in a "line of sight" fashion, only irradiating surfaces within its sight lines. Surfaces can be blocked from the light if objects are in the way, much like a beach umbrella offering protection from the sun. These areas that become blocked from the UV light are commonly referred to as shadow areas. Surfaces in these shadow areas do not receive adequate disinfection as UV light does not have the ability to reflect well off surfaces. Shadow areas are typically dealt with by moving the UV light source to a second position to accommodate disinfection of the surfaces blocked from UV disinfection the first time. Source: <https://www.alnmg.com/article/2015/08/ultraviolet-light-disinfection>

Note: The use of the terms sanitize and disinfect are synonymous and are interchangeable.

†Disinfects to 99.9%

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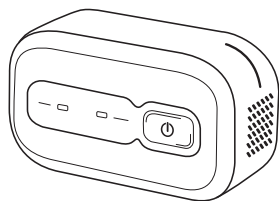
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