



Gmicro Testing



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TESTING  
CNAS L1747

# GUANGDONG DETECTION CENTER OF MICROBIOLOGY

## REPORT FOR ANALYSIS

Report №.:2021FM20219R01Ea

Name of Sample	Ozone generators	Test Type	Entrustment Test
Applicant	New Comfort, LLC	Address	5591 South Leo Park Road, West Jordan, Utah 84088
Sample Source	Submitted for Testing by the Applicant	Sample Quantity	Two Samples Submitted
Spec and Lot № of Sample	HE-500	State and Characteristic	Machine
Sample Received Date	2021-09-23	Test Completion Date	2021-10-07
Test Standard and Method	Technical Standard for Disinfection (2002 Ministry of Health P.R.China)-2.1.3 field experimentation		
Item Tested	Disinfection efficiency for air		
Test Conclusion	<p>The test data of the sample(s) is attached to the page(s) of this report.</p> <p style="text-align: right;">Issue Date: 2021-11-17 (Official Seal)</p>		
Remarks	New Comfort models HE-500b, HE-500w, HE500ss, and HE-500 are exactly the same internally and share the same internal components.(provided by the applicant)		

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### ANALYSIS AND TEST RESULT

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Action time	Test organism	Serial Number	Total bacteria (cfu/m <sup>3</sup> )	Reduced rate (%)
0 (CK)	Natural bacteria in air	1	2.4 × 10 <sup>3</sup>	
		2	2.0 × 10 <sup>3</sup>	
		3	2.7 × 10 <sup>3</sup>	
2 h	Natural bacteria in air	1	85	96.46
		2	49	97.55
		3	1.1 × 10 <sup>2</sup>	95.93

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Remarks

Method description: The sample was connected to 110V voltage (American standard wire) and ran for 2 hours in a 30m<sup>3</sup> chamber, and then used BY-300 air microorganism sampler to sampling with air volume of 28.3 liters per minute. The sampling time of air was 5 minutes.